BOARD OF REGENTS

# Feb 2026 Board of Regents- Full Board Meeting

University of New Mexico
Student Union Building, Ballroom B & Cherry Silver
2026-02-17 12:00 - 16:00 MST

## Table of Contents

In accordance with Regents Policy Manual 1.2, the following consent agenda items are subject to discussion and recommendation by the respective standing committee as reflected on the committee agendas, above. Matters recommended for approval by the appropriate standing committee may be approved by the Board of Regents without further discussion. Upon request, any member of the Board of Regents shall have the right to remove an item from the Board's consent agenda and place the item on the Board's regular agenda for discussion.

# The Board of Regents of the University of New Mexico

Tuesday, February 17, 2026
9:00 AM Committee Sessions – UNM Student Union Building, Ballroom B
12:00 PM Full Board Executive Session, Student Union Building, Cherry Silver Room
1:30 PM Full Board Meeting – UNM Student Union Building, Ballroom B
*Livestream*[1]: https://live.unm.edu/board-of-regents

**AGENDA**

**9:00 AM: Regent Committees**

**9:00 AM: Audit and Compliance Committee [HSCC]**, *Regent Fortner, Chair; Regent Campos, Vice Chair; Regent Blanchard, Member*

I. Call to Order and Confirmation of a Quorum
II. Adoption of Agenda
III. Approval of Meeting Minutes from October 21, 2025
IV. Roll Call Vote to close the meeting and to proceed in Executive Session as follows:
   A. Presentation of FY25 Single Audit Results pursuant to external audit exception in RPM 1.2. (KPMG, University Controller's Office)
   B. Discussion of draft Internal Audit reports and information subject to attorney-client privilege; audit work plans; and information security and privacy report, pursuant to RPM 1.2 and NMSA 1978, § 10-15-1(H)(7);
   C. Discussion of limited personnel matters as defined in and permitted by NMSA 1978, § 10-15-1(H)(2)
V. Vote to Re-Open the Meeting
VI. Certification that only those matters described in agenda item #IV were discussed in Executive Session and if necessary, vote on final actions as required by NMSA 1978, § 10-15-1(H)(2).
VII. Information Items
   A. Status of Audit Recommendations
      *Presenter: Chien-Chih Yeh, Internal Audit Manager*
   B. Director of Internal Audit Status Report
      *Presenter: Victor Griego, Internal Audit Director*
   C. Main Campus Chief Compliance Officer Status Report
      *Presenter: Francie Cordova, Chief Compliance Officer*
VIII. Adjournment

**10:00 AM: Finance and Facilities Committee [F&F]**, *Regent Payne, Chair; Regent Reyes, Vice Chair; Regent Blanchard, Member*

I. Call to Order & Confirmation of a Quorum
II. Adoption of Agenda
III. Approval of Finance and Facilities Committee Meeting Minutes from December 16, 2025
IV. Highlights from the EVPFA
   *Presenter: Teresa Costantinidis, Executive Vice President for Finance and Administration*
V. Action Item(s):

A. Disposition of Surplus Property-November & December 2025
*Presenters: Bruce Cherrin, Chief Procurement Officer & Interim Controller, Marcos Roybal, Associate Director, Financial Services*

B. UNM Rainforest Innovations Annual Meeting of the Member
*No presentation - Lisa Kuuttila, CEO & Chief Economic Development Officer, Rainforest Innovations*

1. Annual Report FY 2024-25
2. Acceptance of the FY 2024-25 Audit

C. Lobo Development Corporation Annual Meeting of the Member
*No presentation - Thomas Neale, COO, Lobo Development Corporation, Teresa Costantinidis, CEO, LDC and EVPFA, UNM*

1. Summarized Minutes of the February 20, 2025 Meeting
2. Acceptance of the FY 2024-25 Audit

D. Lobo Energy Inc. Annual Meeting of the Member
*No presentation - Jason Strauss, President & CEO, Lobo Energy Inc.*

1. Summarized Minutes of the February 20, 2025 Meeting
2. Acceptance of the FY 2024-25 Audit

E. Approval of Establishing the Core Fund Quasi Endowment
*Presenters: Jeremy Hamlin, Executive Director, University Budget Operations, Kenny Stansbury, University Treasurer, Financial Services*

VI. Information Items:

A. Fixed Income Investment Portfolio Presentation
*Presenters: Kenny Stansbury, University Treasurer, Financial Services, Max Kotary, Aon Investments*

B. Information on Future Approval Request for System Improvement and Refunding Revenue Bonds UNM Series 2026
*Presenter: Vahid Staples, Associate Director, University Budget Operations*

VII. Recommendations for Action Items for Full Board of Regents' Consent Docket

VIII. Recommendations for Information Items for Full Board of Regents' Agenda

IX. Adjournment

**10:30 AM: Health Sciences Center Committee [HSCC]**, *Regent Fortner, Chair; Regent Campos, Vice Chair; Regent Payne, Member*

I. Call to Order and Confirmation of Quorum

II. Adoption of Agenda

III. Approval of December 16, 2025 HSC Committee Meeting Minutes

IV. Reports

A. Health Sciences Center EVP & Health System CEO Report
*Presenter: Dr. Michael Richards*

B. Health System Report
*Presenter: Kate Becker, CEO, UNM Hospital*

C. Financial and Administrative Reports
*Presenter: Rebecca Napier, VP, Finance & Administration*

V. Action Item(s)

A. UNM Medical Group, Inc., Annual Meeting of the Member - Annual Report and FY25 Final Audit
*Presenter: Dr. Christopher Arndt, CEO UNMMG*

B. Revision by $800,000 Budget Increase ($4,400,000 Total Budget for CPC Administration Mechanical Replacement (1001 Yale Blvd. NE))

*No presentation – Kate Becker, CEO*

C. UNMH Main 1st Floor - Public Corridor Refresh - $1,750,000
*No presentation – Kate Becker, CEO*

D. UNMH Pavilion 2nd Floor - Inpatient Refresh - $1,500,000
*No presentation – Kate Becker, CEO*

E. UPC Boiler Replacement - $550,000
*No presentation – Kate Becker, CEO*

F. UNMH Lamberton Boiler Replacement - $400,000
*No presentation – Kate Becker, CEO*

VI. Recommendation of Items for Inclusion on the Consent Docket for Full Board of Regents
VII. Adjournment

**11:00 AM: Student Success, Teaching and Research Committee [SSTAR]**, *Regent Tackett, Chair; Regent Reyes, Vice Chair, Regent Williams, Member*

I. Call to Order & Confirmation of a Quorum
II. Adoption of Agenda
III. Approval of Minutes: December 16, 2025
IV. iProvost's Administrative Report
*Presenter: Barbara Rodriguez, Interim Provost & EVP for Academic Affairs*
V. Action Item(s):
A. Request approval to appoint Dr. Kaylee Herzog as the "Robert L. Rausch Endowed Chair of Parasitology"
*Presenter: Jennifer Malat, Ph.D., Dean, College of Arts & Sciences*
B. Request approval to appoint Dr. Oleg Prezhdo as the "Guido Daub Professor of Chemistry"
*Presenter: Jennifer Malat, Ph.D., Dean, College of Arts & Sciences*
C. Certificate in Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR)
*Presenter: Laura Musselwhite, Ph.D., Dean of Instruction, Valencia Branch Campus*
D. Certificate in Plumbing Trades
*Presenter: Laura Musselwhite, Ph.D., Dean of Instruction, Valencia Branch Campus*
E. Certificate in Electrical Trades
*Presenter: Laura Musselwhite, Ph.D., Dean of Instruction, Valencia Branch Campus*
VI. Recommendation for Consent Agenda Items for Full Board of Regents' Meeting
VII. Information Item(s)
A. Annual Course Fee Review Report
*Presenters: Pamela Cheek, Ph.D., Vice Provost for Student Success, Nicole Dopson, Assistant Vice President for Academic Resource Management*
VIII. Adjournment

FULL BOARD MEETING

**12:00 PM – Executive Session – Student Union Building Ballroom B/ Cherry Silver Room**

I. Call to Order and Confirmation of a Quorum, *Chair Paul Blanchard*
II. Adoption of the Full Board Meeting Agenda
III. Vote to close the meeting and proceed in Executive Session (Roll Call Vote)
*[Regents proceed to Cherry Silver Room]*
Closed Session Agenda:

A. Discussion, and where appropriate, determination of matters subject to the attorney-client privilege pertaining to threatened or pending litigation in which the University is or may become a participant; as permitted by NMSA 1978, § 10-15-1 H(7)– Litigation Update and Risk Assessment
B. Discussion of personally identifiable information about an individual student as permitted by NMSA 1978, § 10-15-1.H(4)
C. Discussion and/or determination of limited personnel matters pursuant to NMSA 1978, § 10-15-1H(2)

*[Regents proceed to Ballroom B]*

**1:30 PM Open Session - Full Board of Regents Meeting – SUB Ballroom B**

Reconvene Open Session, *Chair Paul Blanchard*

IV. Vote to Re-Open the Meeting
V. Certification that only those matters described in the Executive Session Agenda were discussed in the closed session; if necessary, vote on final actions as required by NMSA 1978, § 10-15-1H(2)
   - Action on Student Appeals
   - Nominees for Honorary Degrees
VI. Land Acknowledgement Statement*, Emily Monteiro Payne*
VII. Approval of Minutes: December 16, 2025 Meeting
VIII. President's Administrative Report*, Garnett S. Stokes*
IX. Regents' Comments
X. Advisors' Comments *[limit 2 mins.]*
XI. Public Comment Related to the Agenda[2] *[limit 2 mins.]*
XII. Consent Agenda

**CONSENT AGENDA MATTERS**

In accordance with Regents Policy Manual 1.2, the following consent agenda items are subject to discussion and recommendation by the respective standing committee as reflected on the committee agendas, above. Matters recommended for approval by the appropriate standing committee may be approved by the Board of Regents without further discussion. Upon request, any member of the Board of Regents shall have the right to remove an item from the Board's consent agenda and place the item on the Board's regular agenda for discussion.

**Finance and Facilities Committee [F&F]**, *Regent Payne, Chair*

E. Approval of Establishing the Core Fund Quasi Endowment

**Health Sciences Center Committee [HSCC]**, *Regent Fortner, Chair*

B. Revision by $800,000 Budget Increase ($4,400,000 Total Budget for CPC Administration Mechanical Replacement (1001 Yale Blvd. NE))
C. UNMH Main 1st Floor - Public Corridor Refresh - $1,750,000
D. UNMH Pavilion 2nd Floor - Inpatient Refresh - $1,500,000
E. UPC Boiler Replacement - $550,000
F. UNMH Lamberton Boiler Replacement - $400,000

**Student Success, Teaching and Research Committee [SSTAR]**, *Regent Tackett, Chair*

A. Request approval to appoint Dr. Kaylee Herzog as the "Robert L. Rausch Endowed Chair of Parasitology"

B. Request approval to appoint Dr. Oleg Prezhdo as the "Guido Daub Professor of Chemistry"
C. Certificate in Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR)
D. Certificate in Plumbing Trades
E. Certificate in Electrical Trades

XIII. Vote to Recess the Board of Regents, *Chair Blanchard*
XIV. Meeting of the Member - UNM Medical Group
A. Vote to Convene the Meeting of the Member
*Regent Fortner, Chair*
B. Action Item: UNM Medical Group, Inc., Annual Meeting of the Member - Annual Report and FY25 Final Audit
C. Vote to Adjourn
XV. Meeting of the Member – Rainforest Innovations
A. Vote to Convene the Meeting of the Member
*Regent Payne, Chair*
B. Action Item: Acceptance of the Annual Report FY2024-25 and FY202-25 Audit Report
*Lisa Kuuttila, CEO & Chief Economic Development Officer, UNM Rainforest Innovations*
C. Vote to Adjourn
XVI. Meeting of the Member - Lobo Development Corporation
A. Vote to Convene the Meeting of the Member
*Regent Payne, Chair*
B. Action Item: Acceptance of the Summarized Minutes of the February 20, 2025 Meeting and FY2024-25 Audit Report
*Thomas Neale, COO, Lobo Development Corporation*
*Teresa Costantinidis, CEO, LDC and EVPFA, UNM*
C. Vote to Adjourn
XVII. Meeting of the Member - Lobo Energy, Inc.
A. Vote to Convene the Meeting of the Member
*Regent Payne, Chair*
B. Action Item: Acceptance of the Summarized Minutes of the February 20, 2025 Meeting & FY 2024-25 Audit
*Jason Strauss, President/CEO, Lobo Energy Inc.*
C. Vote to Adjourn
XVIII. Vote to Re-Open the Board of Regents, *Chair Blanchard*
XIX. New Business
A. Action Items
1. None
B. Information Items – No presentation, materials only
1. Fixed Income Investment Portfolio Presentation
*No presentation - Kenny Stansbury, University Treasurer, Financial Services, Max Kotary, Aon Investments*
2. Information on Future Approval Request for System Improvement and Refunding Revenue Bonds UNM Series 2026
*No presentation - Vahid Staples, Associate Director, University Budget Operations*
XX. Public Comment not related to the Agenda[2] [limit 2 mins.]

XXI. Adjourn

[1]Access the public viewing of the meeting online here: https://live.unm.edu/board-of-regents
Public Comment: Anyone wishing to give in-person public comment at the meeting will need to register. To register, please complete the information in the Public Comment Registration Form located here: BoR Comment Registration . *The deadline for registering to give public comments is 9:00 AM on the date of the meeting.* **Please read below for important information.**

***PUBLIC COMMENT PARAMETERS, DECORUM, and ENFORCEMENT***

**General Statement**
The Board of Regents values public participation and recognizes the importance of public input on issues affecting the University of New Mexico. This procedural directive is designed to balance the importance of public participation with other important objectives, including but not limited to:

- Providing community members with a reasonable opportunity to express their views to the board
- Completing board business effectively, efficiently and in an orderly manner
- Respecting the rights of board members, University administrators and staff, University faculty members, Regents' advisors, students, and audience members.

Proper decorum and the provisions of this procedural directive are expected to be followed at all public meetings of the Board of Regents.

**Public Comment Parameters and Speaker Decorum Expectations**:
- Public Comment speakers will direct their comments to the Board of Regents as a whole and not to University administrators, faculty, staff, or the audience. Speakers shall not expect Board members to answer questions during public comment. Address the Board only at the appropriate time as indicated in the agenda and when recognized by the Board Chair or other presiding officer.
- The maximum total public comment (related and unrelated to the agenda combined) will be 45 minutes.
- Each speaker will have 2 minutes, unless more than 23 people register, and then each speaker will have 1 minute. This will allow for more speakers to be heard.
- Conduct oneself responsibly, civilly, courteously and with due respect. Speakers and individuals present during the meeting are expected to respect the fact that the speakers' views and opinions may not be shared by all present. Speakers shall not use vulgar or obscene language.
- If your registration is received after the deadline, you will receive an email encouraging you to submit written public comments.

**Audience Decorum Expectations:**
- Audience members shall conduct themselves in the same manner as outlined above for individual speakers. Audience members shall not disrupt an open public meeting of the Board of Regents and shall not incite others to do so either. Disruption of the proceedings is subject to regulation by the Board Chair or presiding officer.

**Enforcement of Appropriate Etiquette:**
- The Chair of Board of Regents or the then presiding officer shall be responsible for ensuring that public participation and comment assist the Board in discharging its responsibilities and is conducted according to these Public Comment directives. Thus, the Board Chair or presiding officer shall be authorized to enforce this procedural directive by:
  - Interrupting presentations and comments to remind speakers and audience members of this procedural directive
  - Dismissing or ending the speaking time of previously recognized speakers who violate this procedural directive
  - Requesting speakers or audience members leave the meeting if they violate the procedural directive in a manner that is disruptive to the board business
  - Recessing or adjourning the meeting as a result of speaker or audience conduct that is in violation of thi

procedural directive

- Requesting the assistance of law enforcement officers to assist in removing speakers or audience members who refuse to leave the meeting when requested

Written comments sent to regents@unm.edu are welcomed and encouraged and will be distributed to the Regents and published with the meeting minutes.

# Land Acknowledgement Statement

***Founded in 1889, The University of New Mexico sits on the traditional homelands of the Pueblo of Sandia. The original peoples of New Mexico – Pueblo, Navajo, and Apache – since time immemorial, have deep connections to the land and have made significant contributions to the broader community statewide. We honor the land itself and those who remain stewards of this land throughout the generations and also acknowledge our committed relationship to Indigenous peoples. We gratefully recognize our history.***

Minutes of the Regular Meeting of
The Board of Regents of the University of New Mexico
December 16, 2025 at 11:45 AM
UNM Student Union Building (SUB) Ballroom C & Cherry Silver Room
*Livestreamed at https://live.unm.edu/board-of-regents*

Members Present
Paul Blanchard, Chair
Christina Campos
Jack Fortner
William Payne
Victor Reyes, Vice Chair
Paula Tackett, Secretary-Treasurer
Patricia Williams

Administration Present
Garnett S. Stokes, President; Barbara Rodriguez, Interim Provost and EVP for Academic Affairs; Teresa Costantinidis, EVP for Finance and Administration; Mike Richards, EVP for Health Sciences and CEO of the Health System; Rebecca Napier, VP Finance & Administration, HSC; Kate Becker, CEO, UNM Hospital; Bruce Cherrin, Acting University Controller; Shawna Wolfe, VP Institutional Support Services; Fern Lovo, VP Athletics; Assata Zerai, VP Change & Empowerment; Eric Scott, VP Student Affairs; Dan Garcia, VP Enrollment Management; Daniel Jones, General Counsel; Francie Cordova, Chief Compliance Officer; Kevin Stevenson, VP Human Resources; Terry Babbitt, President's Chief of Staff; Ben Cloutier, Executive Director of Strategic Communications; deans and others.

Advisors Present
Andrew Norton, ASUNM President; Travis Broadhurst, GPSA President; Roberta Lavin, Faculty Senate President; Gene Henley, UNM Retiree Association President

Presenters
Pamela Cheek, Ph.D., Vice Provost for Student Success

CALL TO ORDER AND CONFIRMATION OF A QUORUM
Chair Paul Blanchard called the meeting to order at 11:37 a.m. in the UNM Student Union Building, Ballroom C and confirmed a quorum with all 7 members present in person, confirmed by roll call.

VOTE TO ADOPT THE AGENDA

- **The motion to adopt the agenda passed unanimously with seven regents present and voting (1st Fortner; 2nd Payne).**

VOTE TO CLOSE THE MEETING AND PROCEED IN EXECUTIVE SESSION

- **The motion to close the meeting and proceed in executive session passed unanimously with seven regents present and voting (1st Fortner; 2nd Tackett; roll call vote - all members voted yes)**

*[Regents proceeded upstairs to the Cherry Silver Room for the Executive Session luncheon at 11:39 a.m.]*

Executive Session agenda:

- Discussion and/or determination of limited personnel matters pursuant to NMSA 1978, § 10- 15-1H(2).
- Discussion of strategic and long-range business plans of public hospitals pursuant to NMSA 1978, § 10-15-1H(9),
- Discussion of personally identifiable information about an individual student, as permitted by NMSA 1978, § 10-15-1.H(4).
- Discussion and/or determination of matters subject to the attorney-client privilege pertaining to threatened or pending litigation in which the University is or may become a participant pursuant to NMSA 1978, § 10-15-1H(7).

VOTE TO RE-OPEN THE MEETING

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- **The motion to re-open the meeting passed unanimously with seven regents present and voting (1st Fortner; 2nd Campos).**
  Regent Blanchard re-opened the meeting at 1:36 p.m. in the Student Union Building, Ballroom C and certified that only matters listed in the above Executive Session agenda were discussed in Executive Session.

VOTE TO CERTIFY THAT ONLY THE ITEMS LISTED ON THE EXECUTIVE SESSION WERE DISCUSSED DURING CLOSED SESSION

- **The motion to certify that only the items listed on the Executive Session agenda were discussed in closed session passed unanimously with seven regents present and voting (1st Fortner; 2nd Williams).**

VOTE TO APPROVE PRESIDENTIAL SEARCH ADVISORY COMMITTEE RECOMMENDATIONS REGARDING POSITION PROFILE, MARKETING PLAN and PRELIMINARY SCHEDULE

- **The motion to approve the Presidential Search Advisory Committee recommendations regarding position profile, marketing plan and preliminary schedule passed unanimously with seven regents present and voting (1st Payne; 2nd Fortner).**

VOTE TO REVIEW STUDENT APPEAL TO THE BOARD

- **The motion to review a student appeal to the board passed 5-1-1 with seven regents present and voting (1st Fortner; 2nd Tackett; no – Payne; abstain – Reyes).**

Land Acknowledgement Statement of the University of New Mexico

Regent Blanchard affirmed UNM's Land Acknowledgement Statement. Emily Morelli, Secretary to the Board of Regents, read it aloud:

*Founded in 1889, The University of New Mexico sits on the traditional homelands of the Pueblo of Sandia. The original peoples of New Mexico - Pueblo, Navajo, and Apache - since time immemorial, have deep connections to the land and have made significant contributions to the broader community statewide. We honor the land itself and those who remain stewards of this land throughout the generations and also acknowledge our committed relationship to Indigenous peoples. We gratefully recognize our history.*

VOTE TO CONFIRM THE APPROVAL OF MINUTES

- **The motion to approve the minutes of the October 21, 2025 regular meeting and the November 5, 2025 special meeting passed unanimously. (1st Tackett; 2nd Reyes).**

PRESIDENT'S ADMINISTRATIVE REPORT

President Stokes delivered an administrative report highlighting recent achievements, traditions, and strategic priorities for the University. She noted successful campus milestones, including the Hanging of the Greens and Fall Commencement, congratulated the Class of 2025, and recognized the College of Nursing's 70th anniversary and its critical role in meeting New Mexico's healthcare workforce needs. She celebrated major athletic accomplishments, including historic NCAA podium finishes by the men's and women's cross-country teams, record attendance and an undefeated home season for Lobo football, and broader program successes. She recognized Athletic Director Fernando Lovo for effective leadership during a period of transition and introduced Head Football Coach Jason Eck, who emphasized the positive impact of athletics on campus and statewide morale.

President Stokes outlined priorities for the upcoming legislative session, including capital funding for a new School of Medicine Education Building, phased renovation of University Stadium to address safety, accessibility, and infrastructure needs, and expanded campus childcare capacity. She reported positive momentum for the School of Medicine project and highlighted additional priorities such as funding for substance use disorder initiatives, support for the College of Population Health, and investment in Quantum New Mexico. She also noted the groundbreaking for the Vilardi Center for Philanthropy and thanked donors and state leaders. The report concluded with the introduction of a data-driven presentation on campus housing as a key strategic issue, followed by Vice President Shawna Wolfe's detailed overview of housing operations, finances, deferred maintenance, and long-term planning.

REGENT COMMENTS

Regents discussed the President's administrative report, with particular focus on the campus housing presentation. Regents thanked the administration for the comprehensive, data-driven overview and noted

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the importance of balancing student affordability with the need to address deferred maintenance and long-term sustainability of the housing portfolio. Regents observed that housing rates have not kept pace with inflation and discussed the implications of sustained full occupancy and unmet demand, including the need to consider capacity expansion and strategic investment. Regents expressed interest in continued analysis and future updates as housing planning and recommendations advance.

ADVISORS COMMENTS

Roberta Lavin, Faculty Senate President, reflected on a challenging year and expressed appreciation for the university's rapid and visible leadership response during these challenges. She highlighted several Faculty Senate accomplishments, including adoption of a parental leave policy, successful retention of most research funding critical to UNM's R1 status, and strong faculty engagement in shared governance, with more than 300 faculty members serving on governance committees. Faculty reaffirmed their commitment to academic freedom, integrity, and strengthening shared governance in the coming year.

Roberta Lavin read comments for Damion Terrell, Staff Council President, noting a productive year with significant policy and programming achievements, including updates to university policy to expand bereavement leave and recognize mental and emotional well-being as sick leave, the creation of ad hoc committees focused on neurodiversity and accessibility training, and multiple large-scale staff appreciation events. Staff Council also highlighted professional development efforts, improved engagement with state legislators, collaboration on employee retention initiatives, and ongoing concerns related to healthcare costs. The Council expressed gratitude for President Stokes' support of staff and shared governance.

Andrew Norton, ASUNM President, reported strong student government engagement and progress on key initiatives. Highlights included the upcoming launch of LoboLift to provide safe evening transportation, collaboration on a housing study, advancement of a $1.4 million basic needs legislative proposal addressing housing, legal assistance, and menstrual equity, and a $400,000 capital outlay request for campus safety and infrastructure improvements. Student leaders expressed appreciation for administrative collaboration and celebrated recent athletic successes, particularly football's undefeated home season.

Travis Broadhurst, President of GPSA, reported increased graduate student engagement through events such as a Fix-It Fair focused on sustainability and participation in campus traditions. The association emphasized outreach to North Campus graduate students, collaboration with health sciences student leadership, and distribution of approximately $130,000 to graduate student organizations. GPSA also voiced strong support for the creation of a new lactation room in Zimmerman Library's Graduate Commons and congratulated recent graduate student degree recipients.

Gene Henley, Retiree Association President, summarized a successful year of programming, community engagement, and service to the university, including support for a UNM Presidential Scholar and volunteer outreach. Looking ahead, retirees plan to advocate during the legislative session for university priorities and retiree benefits, expand outreach to better understand retiree needs, and strengthen connections between retirees and the broader UNM community. The association expressed appreciation for ongoing collaboration with university leadership and staff.

PUBLIC COMMENT RELATED TO AGENDA

There were no public comments related to the agenda.

VOTE TO APPROVE THE CONSENT AGENDA

Regent Blanchard confirmed that three items were removed from the originally published Consent Agenda (Health Sciences Center Items A and B and Finance & Facilities Committee Item A), then called for a vote to approve the amended consent agenda.

- **The vote to approve the Consent Agenda passed unanimously (1st Reyes; 2nd Fortner)**

NEW BUSINESS

VOTE TO APPROVE UNM MEDICAL GROUP, INC., BOARD OF DIRECTOR APPOINTMENTS: DR. DIANE RIMPLE, DR. JAMES CHODOSH, AND DR. DAVID J. GOLDSTEIN

Jill Klar, Chief Operating Officer, UNMMG, presented this item to the regents for consideration.

- **The motion to approve UNM Medical Group, Inc., Board of Director Appointments: Dr. Diane Rimple, Dr. James Chodosh, and Dr. David J. Goldstein passed unanimously (1st Fortner; 2nd Payne)**

VOTE TO APPROVE REQUEST FOR APPROVAL OF PAVILION – 3RD FLOOR MILK BANK

Mike Richards, EVP, Health Sciences Center, presented this item to the regents for consideration.

- **The motion to approve the Pavilion – 3rd Floor Milk Bank passed unanimously (1st Campos; 2nd Reyes)**

VOTE TO APPROVE PROJECT CONSTRUCTION ITEMS ABOVE $2 MILLION

Tabia Murray Allred, Deputy Vice President, Institutional Support Services presented three projects to the regents for consideration.

- **The motion to approve Project Construction Items above $2 million passed unanimously (1st Fortner; 2nd Reyes).**

INFORMATION ITEM

UNM Accreditation and the Higher Learning Commission

Pamela Cheek, Ph.D., Vice Provost for Student Success presented to the regents.

She noted that UNM remains on track in its current accreditation cycle and is actively preparing for the upcoming affirmation review. The presentation underscored the continued importance of accreditation as a mechanism of public quality assurance and access to federal funding, as well as for safeguarding transferability of credit and degree value. Preparatory work is underway across academic, financial, and governance areas, including consolidation of assessment data, strategic plan documentation, and evidence gathering for the assurance narrative. Recent progress in fiscal management, shared governance, and multi-year planning was noted as a strength entering the next review period.

Key improvement areas include expanding consistent learning assessment practices across units, tightening documentation of outcomes-based decision-making, and ensuring alignment across campus constituencies.

Dr. Cheek noted that board engagement will be a visible component of the site visit, and members should be prepared to speak about governance practices, mission alignment, fiduciary oversight, and institutional priorities. Overall, the presentation conveyed confidence in a successful reaffirmation while acknowledging continued vigilance and coordination for the final stages of preparation.

Regent questions regarded expectations and anticipated inquiries, and rumblings of federal administration changes to accreditation.

PUBLIC COMMENTS NOT RELATED TO AGENDA ITEMS

There were no public comments.

There being no further business, Regent Reyes motioned to adjourn the meeting, Regent Williams seconded; all were in favor; the meeting adjourned at 3:11 p.m.

Approved: Attest:

Paul Blanchard, Chair

Paula Tackett, Secretary-Treasurer

Minutes prepared by Emily Morelli

draft


# President's Administrative Report

Garnett S. Stokes

February 17, 2026

# Grand Challenges

# Carnegie Elective Classification for Community Engagement

# An App for Navigating UNM Hospital

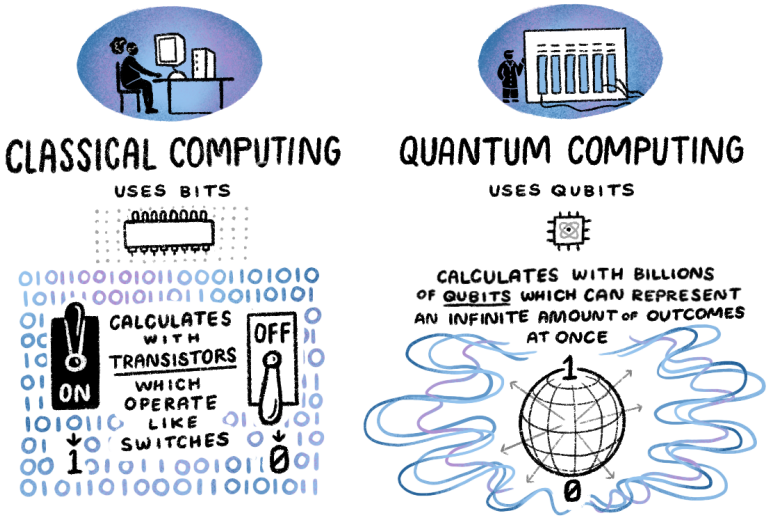
# Celebrating Black History Month

# UNM Day at the Legislature

# 2026 Legislative Session Continues


QUANTUM NEW MEXICO

*New Mexico is a Quantum State*

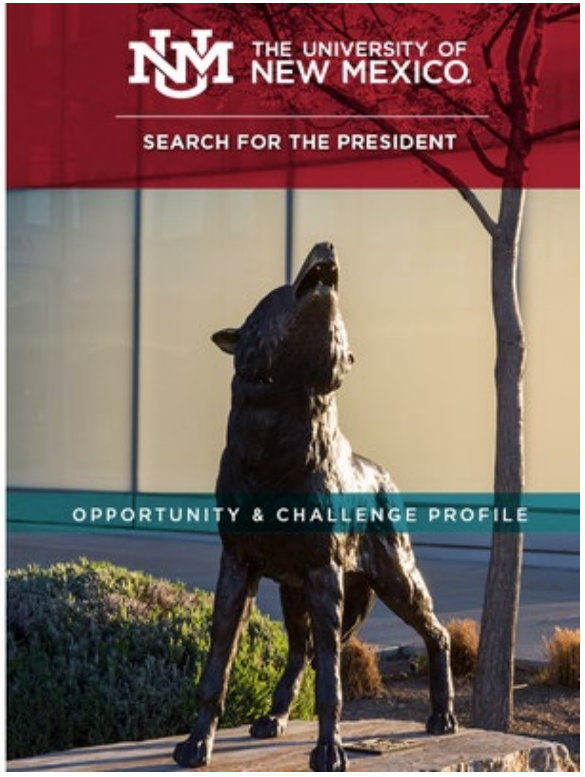



*(Graphic Courtesy Onibaba Studio)*

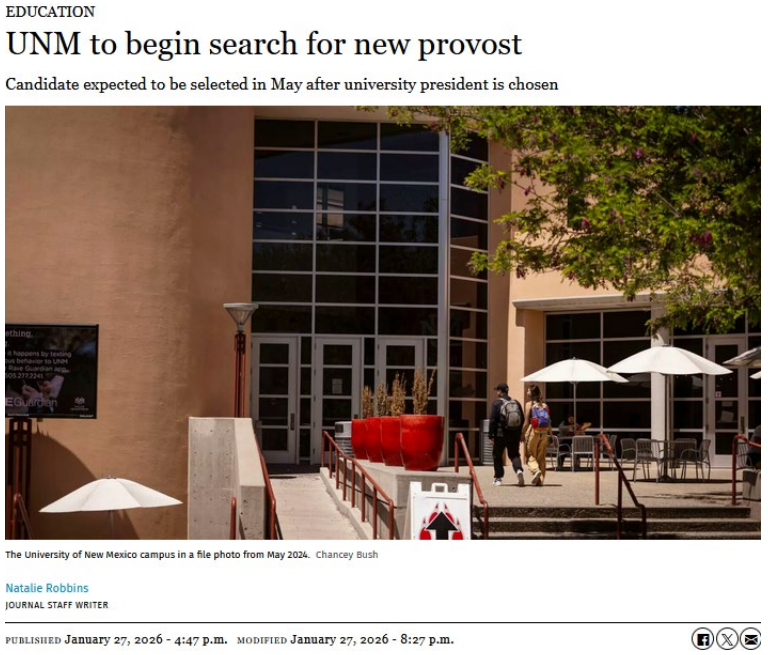
# Key Dates Just Around the Corner

- **February 19** Session ends (noon)
- **March 11** Legislation not acted upon by governor is pocket vetoed
- **May 20** Effective date of legislation not a general appropriation bill or a bill carrying an emergency clause or other specified date

# Brief Update on Executive Searches







EDUCATION

## UNM to begin search for new provost

Candidate expected to be selected in May after university president is chosen

The University of New Mexico campus in a file photo from May 2024. Chancey Bush

Natalie Robbins
JOURNAL STAFF WRITER

PUBLISHED January 27, 2026 - 4:47 p.m. MODIFIED January 27, 2026 - 8:27 p.m.


The University of New Mexico

# ALUMNI SCHOLARSHIPS

- Applications open March 1-April 30
- UNMAlumni.com/Scholarships
- $46,000 awarded to 45 recipients for 2025-2026 term

ALUMNI

# PIZZA WITH PROFESSIONALS

Regent Christina Campos shares career advice with students at the UNM Department of Economics

# ALUMNI SENIOR SEND-OFF

## APRIL 16, 2026

Free event for graduates to register with UNM Alumni and receive valuable support

- Professional headshots
- Career guidance
- UNM resources & partners, and more!






MW
CHAMPIONSHIPS
20 Las Vegas 26
LOBO POST UP
HOWL WITH THE PACK IN LAS VEGAS!
Pregame Gathering, Wednesday, March 11 | TBD
Tom's Watch Bar
(New York New York Hotel and Casino)
ALUMNI
LOBO CLUB
LOBOS NM
ALUMNI LETTERMAN

OFFICE OF PLANNING, BUDGET & ANALYSIS

**MEMORANDUM**

**TO:** **The University of New Mexico Board of Regents**
**Finance & Facilities Committee**

**FROM:** **Jeremy Hamlin, Executive Director, University Budget Operations**
**Kenny Stansbury, University Treasurer**

**CC:** **Teresa Costantinidis, Executive VP for Finance & Administration**

**DATE:** **February 17, 2026**

**RE:** **Approval to Establish the Core Fund Quasi Endowment**

---

I am writing to request your approval to establish a new quasi endowment fund, to be titled ***Core Fund Quasi Endowment***, using unrestricted interest and investment earnings generated from gift funds distributed to the University of New Mexico as part of our treasury operations agreement with the University of New Mexico Foundation. The new endowment will be invested in UNM's Consolidated Investment Fund (CIF), alongside all other UNM endowments. The CIF is managed by the University of New Mexico Foundation, in accordance with the Consolidated Investment Fund Investment Policy.

The proposed quasi endowment would allow UNM to reinvest unrestricted investment earnings to provide a sustainable, long-term revenue source in support of Main Campus Instruction and General (I&G) operations. Establishing this quasi endowment aligns with sound fiscal management practices and advances institutional resilience by diversifying and stabilizing core funding sources over time.

Subject to Regents approval as specified in University Administrative Policy (UAP) 1030: Gifts to the University, the principal balance from the Core Fund Quasi Endowment may be expended for the benefit of the University of New Mexico. However, it is our recommendation that no principal balance should be expended during the first seven years to establish a reasonable balance from which to generate adequate spending distributions in the future. This plan helps to ensure the intended long-term benefit to the University, while maintaining flexibility to address institutional priorities and emerging needs.

The intent of the Core Fund Quasi Endowment is to strengthen the long-term viability and strength of core I&G funds by supplementing existing core fund revenue streams with a dependable source of investment-supported funding. Over time, this approach is expected to enhance UNM's ability to sustain essential academic and operational activities on the Main Campus.

We plan to transfer up to $24,021,024 in total deposits over seven fiscal years (FY26 to FY32). These annual deposits will be based on prior fiscal year distributions from endowments #628001 and #628002, the gift fund endowments established in line with the treasury operations agreement.

A schedule of projected spending distributions that forms the basis for deposits over this seven-year period is detailed as follows:

Projected UNM Portion of Treasury Operations Agreement Payout:

| | |
|---|---|
| FY2026 | $2,971,148 |
| FY2027 | $3,420,814 |
| FY2028 | $3,314,216 |
| FY2029 | $3,416,386 |
| FY2030 | $3,522,401 |
| FY2031 | $3,632,411 |
| FY2032 | $3,743,648 |
| **TOTAL** | **$24,021,024** |

Your approval will authorize the establishment of the Core Fund Quasi Endowment and allow the Main Campus Budget Office and Treasury Department to proceed with the necessary administrative and accounting actions consistent with UNM policies and the treasury operations agreement with the UNM Foundation.

Please let us know if you require any additional information. We appreciate your consideration of this request.

**Attachment: Signed Quasi Endowment Fund Establishment Form: Core Fund Quasi Endowment**

**THE UNIVERSITY OF NEW MEXICO**
**THE UNIVERSITY OF NEW MEXICO FOUNDATION, INC.**

# REQUEST TO ESTABLISH A QUASI-ENDOWMENT FUND

| | |
|---|---|
| **REQUESTING COLLEGE/SCHOOL/UNIT:** | Financial Services |
| **REQUESTING DEPARTMENT:** | Office of Planning, Budget & Analysis |
| **REQUESTED BY:** | Jeremy Hamlin |
| **SUGGESTED FUND TITLE:** | Core Fund Quasi Endowment |
| **AMOUNT TO BE DEPOSITED (include all planned transfers):** | Up to $24,021,024 total deposits over 7 fiscal years (FY26 to FY32). Annual deposits will be based on prior fiscal year distributions for endowments #628001 & #628002 (Gift Fund Endowments) |
| **SOURCE OF FUNDS (Donor name or index number(s)):** | Index 054006. Source of Funds: unrestricted interest and investment earnings from gift funds (distributions from endowments **#628001 & #628002)** |
| **GENERAL PURPOSE:** | Principal and Spending distributions may be spent for the benefit of UNM with the approval of the EVP for Finance & Administration. Per UNM UAP 1030.3.2, "the Regents must approve…expenditures of principal that exceed ten percent (10%) in any given fiscal year." |

**ACKNOWLEDGEMENT**

I/WE ACKNOWLEDGE THAT THE REQUESTED FUND WILL BE INVESTED AND INCOME DISTRIBUTED IN ACCORDANCE WITH THE REGENTS OF THE UNIVERSITY OF NEW MEXICO "CONSOLIDATED INVESTMENT FUND ENDOWMENT INVESTMENT MANAGEMENT POLICY", ADOPTED IN 1989 AND PERIODICALLY AMENDED THEREAFTER.

AS A QUASI-ENDOWMENT, WITHDRAWALS OF PRINCIPAL MAY BE ALLOWABLE ONLY UPON THE APPROVAL OF THE REGENTS OF THE UNIVERSITY OF NEW MEXICO.

| | | |
|---|---|---|
| **ACKNOWLEDGED:** | Jeremy Hamlin | 01/26/2026 |
| | **Jeremy Hamlin** | **Date** |
| **COLLEGE/SCHOOL/FINANCIAL SERVICES APPROVAL:** | Andrew Jacobson<br>Andrew Jacobson (Jan 26, 2026 09:54:35 MST) | 01/26/2026 |
| | **Andrew Jacobson** | **Date** |
| **PROVOST/EXECUTIVE VICE PRESIDENT APPROVAL:** | Teresa A. Costantinidis | 01/26/2026 |
| | **Teresa Costantinidis** | **Date** |

# CoreFundQuasiEndwmntEstablishmentForm

Final Audit Report 2026-01-26

| | |
|---|---|
| Created: | 2026-01-26 |
| By: | Rosenda Marrufo (rflores4@unm.edu) |
| Status: | Signed |
| Transaction ID: | CBJCHBCAABAA27xanMRt3bCDZMYK-FgLhDqccgiXn9eD |

## "CoreFundQuasiEndwmntEstablishmentForm" History

Document created by Rosenda Marrufo (rflores4@unm.edu)
2026-01-26 - 4:32:46 PM GMT- IP address: 73.242.228.249

Document emailed to jhamlin@unm.edu for signature
2026-01-26 - 4:38:20 PM GMT

Email viewed by jhamlin@unm.edu
2026-01-26 - 4:38:49 PM GMT- IP address: 104.47.57.126

Signer jhamlin@unm.edu entered name at signing as Jeremy Hamlin
2026-01-26 - 4:39:19 PM GMT- IP address: 64.106.111.98

Document e-signed by Jeremy Hamlin (jhamlin@unm.edu)
Signature Date: 2026-01-26 - 4:39:21 PM GMT - Time Source: server- IP address: 64.106.111.98

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2026-01-26 - 4:39:23 PM GMT

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Signer andrewjacobson@unm.edu entered name at signing as Andrew Jacobson
2026-01-26 - 4:54:33 PM GMT- IP address: 129.24.218.166

Document e-signed by Andrew Jacobson (andrewjacobson@unm.edu)
Signature Date: 2026-01-26 - 4:54:35 PM GMT - Time Source: server- IP address: 129.24.218.166

Document emailed to Teresa Costantinidis (tcostan@unm.edu) for signature
2026-01-26 - 4:54:37 PM GMT

Email viewed by Teresa Costantinidis (tcostan@unm.edu)
2026-01-26 - 5:22:54 PM GMT- IP address: 129.24.55.114

Document e-signed by Teresa Costantinidis (tcostan@unm.edu)

Signature Date: 2026-01-26 - 5:23:10 PM GMT - Time Source: server- IP address: 129.24.55.114

Agreement completed.

2026-01-26 - 5:23:10 PM GMT

**CAPITAL PROJECT APPROVAL**
**PROJECT NAME: CHILDREN'S PSYCHIATRIC CENTER (CPC) ADMINISTRATION MECHANICAL REPLACEMENT (1001 YALE BLVD NE) – REVISION 2**
**DATE: FEBRUARY 2026**

**RECOMMENDED ACTION:**
As required by Section 7.12 of Board of Regents Policy Manual, the New Mexico Higher Education Department and the New Mexico State Board of Finance, capital project approval is requested for the **CPC Administration Mechanical Replacement**. For the project described below, UNM Hospitals requests the following actions, with action requested only upon requisite sequential approval and recommendation by any and all committees and bodies:

- Board of Trustee Finance Committee approval of and recommendation of approval to the UNMH Board of Trustees.
- UNMH Board of Trustees approval of and recommendation of approval to the UNM Board of Regents HSC Committee.
- UNM Board of Regents HSC Committee approval and recommendation of approval to the UNM Board of Regents.
- UNM Board of Regents approval

**PROJECT DESCRIPTION:**
Design and construction of an elevated Cold Water/Hot Water (CW/HW) 4-pipe system that will be roof mounted and will terminate in the Education and Administration located on the Children's Psychiatric Center Campus at 1001 Yale Blvd NE. The CW/HW supplies the tempered water to distributed heating and cooling to the two facilities. The project includes relocation of underground piping outside the site preparation area for the new CPC Inpatient Facility and include the replacement of mechanical units within the Administration building in two phases:

- Phase 1 will include relocation and replacement of 4-pipe system (early work)
- Phase 2 will replace the Administration building system terminal units

Phase 1 has been completed to remove utilities that were in conflict with the new CPC Inpatient Building site preparation.

**UNMH is requesting a second revision to the budget from $3,600,000.00 to $4,400,000.00.** The request increase covers work within Phase 2 of the project. The CPC Administration building four-pipe system has been in place for over 50-years, and the original iron piping, insulation, and valves are showing signs of deterioration that may impact installation of new components. There are signs of external rust, internal sludge, and failing valves that pose challenges with installation and maintenance of the new fan coil units. The requested budget increase request covers anticipated scope to successfully install new units with supporting as-needed pipe replacement, insulation, and valve replacement.

**RATIONALE:**
Chilled/hot water line and mechanical unit replacement is required to provide more effective heating and cooling for patients and staff as the systems are antiquated, required to relocated, and schedule alignment is needed to prevent delays to the CPC Inpatient building project.

**PURCHASING PROCESS:**
Design procured with existing UNMH design professional contract and construction services procured through UNMH Job Order Contracting (JOC) agreements.

**FUNDING:**
Funding provided by UNM Hospital Capital Renovation Fund.

Initial funding approval: February 15, 2023 for $1,700,000 on the Consent Docket.

Revision 1 Approval: August 22, 2024 consent docket to $3,600,000. Revision 1 was dedicated to increases costs in Phase 1 due to unforeseen existing conditions discovered. Construction costs for Phase 1 came in much higher than anticipated for replacement of the 4-pipe system. This includes eight feet (8') deep trenching in two (2) select areas to avoid damaging existing water, electrical and IT lines. This further includes additional structural support at the Cafeteria and Education buildings to support the new CW/HW lines, and reconfiguration of the Administration building's mechanical units & duct system as it does not follow current code requirements.

Revision 2 Requested increase of $800,000 for a revised not to exceed $4,400,000 project budget from the UNM Hospital Capital Renovation fund.

**CAPITAL PROJECT APPROVAL**
**PROJECT NAME: UH-MAIN – 1ST FLOOR – PUBLIC CORRIDOR REFRESH**
**DATE: JANUARY 2026**

**RECOMMENDED ACTION:**
As required by Section 7.12 of Board of Regents Policy Manual, the New Mexico Higher Education Department and the New Mexico State Board of Finance, capital project approval is requested for the **UH-Main – 1st Floor – Public Corridor Refresh**. For the project described below, UNM Hospital requests the following actions, with action requested only upon requisite sequential approval and recommendation by any and all committees and bodies:

- Board of Trustee Finance Committee approval of and recommendation of approval to the UNMH Board of Trustees.
- UNMH Board of Trustees approval of and recommendation of approval to the UNM Board of Regents HSC Committee.
- UNM Board of Regents HSC Committee approval and recommendation of approval to the UNM Board of Regents.
- UNM Board of Regents approval

**PROJECT DESCRIPTION:**
UNM Hospital is requesting to refresh the public corridors on the first floor of the Main Hospital. Execution of the project is anticipated to occur in phases over the next three fiscal years. The scope of work will include removing ceiling tiles to repair or replace deteriorating fire suppression main lines and other identified infrastructure, followed by replacement of ceiling tiles, new paint, and corner guards. This will further include removal and proper disposal of layered VCT flooring, and preparation of the concrete slab for acceptance of LVT flooring and baseboards.

**RATIONALE:**
The existing fire suppression system has begun to show significant signs of wear, including pinhole leaks on main lines that require complete replacement over long runs concealed above the ceiling. Completing this work in phases will help reduce disruption to hospital operations. These phases also present an opportunity to address deferred maintenance items and refresh the area with consistent finish standards aligned with other parts of our facilities.

**PURCHASING PROCESS:**
Construction Services – Vizient Job Order Contract

**FUNDING:** Total construction budget not to exceed $1,750,000 from the UNM Hospital Capital Renovation Fund.

**CAPITAL PROJECT APPROVAL**
**PROJECT NAME: UNM HOSPITAL PAVILION 2nd FLOOR – INPATIENT REFRESH**
**DATE: FEBRUARY 2026**

**RECOMMENDED ACTION:**
As required by Section 7.12 of Board of Regents Policy Manual, the New Mexico Higher Education Department and the New Mexico State Board of Finance, capital project approval is requested for the **UNM Hospital Pavilion 2nd Floor – Inpatient Refresh**. For the project described below, UNM Hospital requests the following actions, with action requested only upon requisite sequential approval and recommendation by any and all committees and bodies:

- Board of Trustee Finance Committee approval of and recommendation of approval to the UNMH Board of Trustees.
- UNMH Board of Trustees approval of and recommendation of approval to the UNM Board of Regents HSC Committee.
- UNM Board of Regents HSC Committee approval and recommendation of approval to the UNM Board of Regents.
- UNM Board of Regents approval

**PROJECT DESCRIPTION:**
UNM Hospital is requesting to refresh the former three inpatient intensive care units, one unit at a time, that were vacated with the opening of the Critical Care Tower. Execution of the project will conserve resources and utilize existing building layouts to expand patient care operations minimizing physical reconfiguration. The scope of the project will include remove deteriorating casework with integral plumbing fixtures that will be replaced in like for like configuration. It will include minor inclusions to existing showers to establish central patient bathing facilities. As well as, replacement of ceiling tiles, new paint, baseboards, corner guards, and signage throughout.

**RATIONALE:**
As we have grown into the Critical Care Tower this project will allow us to provide minor but impactful upgrades that will allow expansion of care into vacated patient care areas of the Pavilion. Without this refresh, the vacated Pavilion space would not be suitable for slated patient care use. These modifications are required to address critical deferred maintenance items, meet existing building codes and provide a quality space to improve access to patient care.

**PURCHASING PROCESS:**
Construction Services – Vizient Job Order Contract

**FUNDING:** Total construction budget not to exceed $1,500,000 from the UNM Hospital Capital Renovation Fund.

**CAPITAL PROJECT APPROVAL**
**PROJECT NAME: UNIVERSITY PSYCHIATRIC CENTER (UPC) - BOILER REPLACEMENT**
**DATE: January 2026**

**RECOMMENDED ACTION:**
As required by Section 7.12 of Board of Regents Policy Manual, the New Mexico Higher Education Department and the New Mexico State Board of Finance, capital project approval is requested for the **UPC - Boiler Replacement**. For the project described below, UNM Hospital requests the following actions, with action requested only upon requisite sequential approval and recommendation by any and all committees and bodies:

- Board of Trustee Finance Committee approval of and recommendation of approval to the UNMH Board of Trustees.
- UNMH Board of Trustees approval of and recommendation of approval to the UNM Board of Regents HSC Committee.
- UNM Board of Regents HSC Committee approval and recommendation of approval to the UNM Board of Regents.
- UNM Board of Regents approval

**PROJECT DESCRIPTION:**

UNM Hospital is requesting the replacement of an existing atmospheric draft boiler, with two high-efficiency boilers. The current boiler is part of the original UNM Psychiatric Center construction. All associated piping, electrical systems, ductwork, and related components will be replaced to provide a fully functional and reliable system. The boiler is located in the south basement and serves and supports the southern circa 1982 addition to the UNM Psychiatric Center include inpatient units, staff support areas, and the courtroom.

**RATIONALE:**

The boiler has exceeded its useful service life, and replacement parts are difficult to acquire and may become no longer available. Upgrading to high-efficiency boilers will reduce energy consumption and help lower heating costs for the facility. Failure of the current boiler would compromise climate control and temperature regulation during the heating season for the UNM Psychiatric Center directly impacting patient care.

**PURCHASING PROCESS:**
Engineering Design Service- UNMH Request for Proposal On-Call
Construction Services- UNMH Request for Proposals

**FUNDING:**
Total construction budget not to exceed $550,000 from the UNM Hospital Capital Renovation Fund.

**CAPITAL PROJECT APPROVAL**
**PROJECT NAME: UNMH LAMBERTON BOILER REPLACEMENT**
**DATE: JANUARY 2026**

**RECOMMENDED ACTION:**
As required by Section 7.12 of Board of Regents Policy Manual, the New Mexico Higher Education Department and the New Mexico State Board of Finance, capital project approval is requested for the **UNMH Lamberton Boiler Replacement**. For the project described below, UNM Hospital requests the following actions, with action requested only upon requisite sequential approval and recommendation by any and all committees and bodies:

- Board of Trustee Finance Committee approval of and recommendation of approval to the UNMH Board of Trustees.
- UNMH Board of Trustees approval of and recommendation of approval to the UNM Board of Regents HSC Committee.
- UNM Board of Regents HSC Committee approval and recommendation of approval to the UNM Board of Regents.
- UNM Board of Regents approval

**PROJECT DESCRIPTION:**

UNM Hospital is requesting funding for the design and construction to support replacement of an existing original boiler serving 1031 Lamberton NE with two fire tube boilers. Installation of a new boiler would include replacement of associated pumps, electrical, piping, pipe insulation, and connection to the organizational building controls for a fully functional system. The boiler is located in first floor of the facility and supports critical patient operations and outpatient services within the facility.

**RATIONALE:**

The existing boiler has exceeded its useful service life. Upgrading to high-efficiency boilers will reduce energy consumption and help lower heating costs for the facility. Failure of the current boiler would compromise climate control and temperature regulation during the heating season for the UNMH Lamberton building serving critical patient operations and outpatient services within the facility.

**PURCHASING PROCESS:**
Professional Design Services- UNMH Request for Proposal On-Call
Construction Services- UNMH Request for Proposals

**FUNDING:**
Total construction budget not to exceed $400,000 from the UNM Hospital Capital Renovation Fund.

OFFICE OF THE UNIVERSITY SECRETARY

**MEMORANDUM**

DATE: Nov. 26, 2025

TO: Board of Regents Student Success, Teaching, and Research Committee

FROM: Shawna Wolfe, Chair, UNM Naming Committee

SUBJECT: Approval of Nov. 19 Naming Committee Request

Per UAP Policy 1020, at the Nov. 19, 2025 meeting, the University Naming Committee reviewed and unanimously recommend the approval of the following appointments:

**Request from the College of Arts & Sciences**

Approval of the Appointment of **Dr. Kaylee Herzog** as the "Robert L. Rausch Endowed Chair of Parasitology"
(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

Approval of the Appointment of **Dr. Oleg Prezhdo** as the "Guido Daub Professor of Chemistry"
(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

Approval of the Appointment of **Dr. Gabriel Sanchez** as the "RWJF Endowed Professor of Health Policy"
(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

**Request from the College of Nursing**

Approval of the Appointment of **Dr. Hector Olvera Alvarez** as the "The Virgina P. Crenshaw Endowed Chair in Nursing"
(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

We request that this item be added to the agenda for consideration at the next Board of Regents Student Success, Teaching, and Research Committee.

Attachment

# University Naming Committee

Wednesday, Nov. 19, 2025
11:00 a.m. via Zoom

Zoom Information:
https://unm.zoom.us/j/92932690296
Meeting ID: 929 3269 0296
Passcode: 658064

**AGENDA**

| | | |
|---|---|---|
| | Call to Order and Approval of Agenda | Action |
| | Approval of the Oct. 15 meeting minutes | Action |
| 1. | Request from College of Arts & Sciences<br>Request to approve the list of naming opportunities within the **Humanities & Social Sciences Building (HSS)**<br>(3.2.2 Interior Space; 2.2 Private Financial Support)<br>*Rob St. Mary, Director of Development, College of Arts & Sciences* | Action |
| 2. | Request from UNM Golf Course<br>Request to approve the naming of the **Gary Bauerschmidt Honorary Bench Plaque- North Golf Course**<br>(3.2.4 Tribute Markers; 2.2 Private Financial Support)<br>*Adam Roybal, Director, UNM Golf Course* | |
| 3. | Request from Student Affairs<br>Request to approve the naming of the Dean of Students Office **Nusenda Center for Financial Capability**<br>(3.2.2 Interior Space; 2.2 Private Financial Support)<br>*Betsy Till, Sr. Managing Director of Corporate and Foundation Relations; Eric Scott, Vice President, Student Affairs* | |
| 4. | Request from College of Fine Arts<br>Request to approve the naming of **internal CCAT Spaces**<br>(3.2.2 Interior Space; 2.2 Private Financial Support)<br>*Kristine Purrington, Executive Director of Academic Development, College of Fine Arts; Harris D. Smith, Dean, College of Fine Arts* | |
| 5. | Approval of the Appointment of Dr. Kaylee Herzog as the "Robert L. Rausch Endowed Chair of Parasitology"<br>(3.2.6. Endowed Faculty Positions)<br>*Sharon Erickson Nepstad, Ph.D., Interim Associate Dean for Research and Graduate Studies, College of Arts and Sciences* | |

6. Approval of the Appointment of Dr. Oleg Prezhdo as the "Guido Daub Professor of Chemistry"
(3.2.6. Endowed Faculty Positions)
*Sharon Erickson Nepstad, Ph.D., Interim Associate Dean for Research and Graduate Studies, College of Arts and Sciences*

7. Approval of the Appointment of Dr. Gabriel Sanchez as the "RWJF Endowed Professor of Health Policy"
(3.2.6. Endowed Faculty Positions)
*Sharon Erickson Nepstad, Ph.D., Interim Associate Dean for Research and Graduate Studies, College of Arts and Sciences*

8. Approval of the Appointment of Dr. Hector Olvera Alvarez as the "The Virgina P. Crenshaw Endowed Chair in Nursing"
(3.2.6. Endowed Faculty Positions)
*Bill Uher, VP HSC Development UNM Foundation*

4. Old Business/New Business — Discussion
   a. Review of UNM Policy 1020

5. Adjourn — Action

OFFICE OF THE UNIVERSITY SECRETARY

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(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

Approval of the Appointment of **Dr. Oleg Prezhdo** as the "Guido Daub Professor of Chemistry"
(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

Approval of the Appointment of **Dr. Gabriel Sanchez** as the "RWJF Endowed Professor of Health Policy"
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**Request from the College of Nursing**

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(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

We request that this item be added to the agenda for consideration at the next Board of Regents Student Success, Teaching, and Research Committee.

Attachment

COLLEGE OF ARTS & SCIENCES
OFFICE OF THE DEAN

October 29, 2025

Re: Appointment of Dr. Kaylee Herzog as the Robert L. Rausch Endowed Chair of Parasitology

To the Members of the UNM Naming Committee,

On behalf of UNM's College of Arts & Sciences, we request approval to appoint Dr. Kaylee Herzog as the Robert L. Rausch Chair of Parasitology.

Dr. Herzog completed her Ph.D. in ecology and evolutionary biology in 2022 at the University of Kansas. Since then, she has been a post-doctoral research associate in the Department of Epidemiology at the University of Nebraska Medical Center College of Public Health. She is joining the University of New Mexico in January 2026 as Assistant Professor of Biology and Curator for the Museum of Southwestern Biology's Division of Parasites.

Although Dr. Herzog is a junior faculty member, she will join the UNM faculty with extensive experience in parasitology research and in curation. She served as a Curatorial Assistant at the University of Kansas' Biodiversity Institute in the invertebrate zoology division. She has conducted field research in a variety of locations from the Manu National Rainforest in Peru to the Aquarium of Taiwan to the College of Charleston Grice Marine Laboratory. She has also held a variety of service roles within the American Society of Parasitologists. Dr. Herzog already has 11 peer-reviewed journal articles and she is a key personnel member on a National Institutes of Health grant of nearly $3,500,000 that will focus on genomic approaches to defining hookwork population diversity and deworming drug response. She will be a great addition to UNM's biology department and a strong leader in the Museum for Southwest Biology.

Based on her experience and promising scholarly record, we wholeheartedly endorse this nomination of Dr. Herzog to be the Robert L. Rausch Chair of Parasitology. While we did not receive instructions from Mrs. Rausch, we are confident that Dr. Herzog's record and promise would honor the intention of the gift.

Thank you for your time and consideration of this request.

Sincerely,

Jennifer Malat, Ph.D.
Dean, College of Arts & Sciences

1 University of New Mexico • Ortega Hall Room 201 • MSC 03 2101 • Albuquerque, NM 87131-0001
Phone 505.277.3046 • Fax 505.277.0351 • http://artsci.unm.edu/

# KAYLEE S. HERZOG, PH.D.

kherzog@unmc.edu • (518) 727-7860

## EDUCATION

**University of Nebraska Medical Center College of Public Health, Omaha, NE** Jun 2022–present
Postdoctoral Research Associate, Department of Epidemiology | Dr. Joseph Fauver

**University of Kansas, Lawrence, KS** May 2022
Ph.D. Ecology and Evolutionary Biology, Honors | GPA: 4.00 | Dr. Kirsten Jensen

**University of Kansas, Lawrence, KS** Aug 2016
M.A. Ecology and Evolutionary Biology, Honors | GPA: 3.96 | Dr. Kirsten Jensen

**State University of New York College at Oneonta (SUNY Oneonta), Oneonta, NY** May 2014
B.Sc. Biology, Suma Cum Laude | Cumulative GPA: 3.94 | Major GPA: 3.96 | Dr. Florian Reyda

## PEER-REVIEWED PUBLICATIONS

2024 **Herzog, K.S.,** R. Wu, J.M. Hawdon, P. Nejsum, and J.R. Fauver. Assessing *de novo* parasite genomes assembled using only Oxford Nanopore Technologies MinION data. *iScience* 27(110614). DOI:10.1016/j.isci.2024.110614

2024 Vogels, C.B.F., V. Hill, M.I. Breban, C. Chaguza, L.M. Paul, A. Sodeinde, E. Taylor-Salmon, I.M. Ott, M.E. Petrone, D. Dijk, M. Jonges, M.R.A. Welkers, T. Locksmith, Y. Dong, N. Tarigopula, O. Tekin, S. Schmedes, S. Bunch, N. Cano, R. Jaber, C. Panzera, I. Stryker, J. Vergara, R. Zimler, E. Kopp, L. Heberlein, **K.S. Herzog**, J.R. Fauver, A.M. Morrison, S.F. Michael, and N.D. Grubaugh. DengueSeq: A pan-serotype whole genome amplicon sequencing protocol for dengue virus. *BMC Genomics* 25(433). 16 pp. DOI: 10.1186/s12864-024-10350-x

2023 **Herzog, K.S.,** J.L. Hackett, P.M. Hime, L.B. Klicka, and K. Jensen. First insights into population structure and genetic diversity versus host specificity in trypanorhynch tapeworms using multiplexed shotgun genotyping. *Genome Biology and Evolution*. 15(10), evad190. DOI: 10.1093/gbe/evad190

2023 **Herzog, K.S.**, J.N. Caira, P.K. Kar, and K. Jensen. Novelty and phylogenetic affinities of a new family of tapeworms (Cestoda: Rhinebothriidea) from endangered sawfish and guitarfish. *International Journal of Parasitology* 53(7), 347–362. DOI: 10.1016/j.ijpara.2023.02.007

2022 **Herzog, K.S.** and K. Jensen. A synergistic, global approach to revising the trypanorhynch tapeworm family Rhinoptericolidae (Trypanobatoida). *PeerJ Life & Environment* 10:e12865, 83 pp. DOI: 0.7717/peerj.12865

2021 **Herzog, K.S.**, R.S. Meininger, and F.B. Reyda. A new species of tapeworm in the genus *Stillabothrium* (Rhinebothriidea: Escherbothriidae) from a stingray from Borneo. *Comparative Parasitology* 88(1), 34–40. DOI: 10.1654/1525-2647-88.1.34

2018 **Herzog, K.S.** and K. Jensen. Five new species of the tapeworm genus *Anthocephalum* (Rhinebothriidea: Anthocephaliidae) parasitizing a single species of Indo-Pacific stingray and a revised diagnosis of the genus. *Journal of Parasitology* 104(5), 505–522. DOI: 10.1645/18-53

2017 Jensen, K., J.J. Cielocha, **K.S. Herzog**, and J.N. Caira. Lecanicephalidea. In: *Planetary Biodiversity Inventory: Tapeworms from the Vertebrate Bowels of the Earth (2008–2016).* Caira, J.N. and K. Jensen (eds). University of Kansas Natural History Museum Special Publication No. 25. Lawrence, KS: pp. 189–210.

## PEER-REVIEWED PUBLICATIONS (CONTINUED)

2017 **Herzog, K.S.** and K. Jensen. A new genus with two new species of lecanicephalidean tapeworms (Cestoda) from the spotted whipray *Urogymnus granulatus* (Myliobatiformes: Dasyatidae) from the Solomon Islands and Northern Australia. *Folia Parasitologica* 64(004): 12 pp. DOI: 10.14411/fp.2017.004

2016 Reyda, F.B., C.J. Healy, A.R. Haslach, T.R. Ruhnke, T.L. Aprill, M.P. Bergman, A.L. Daigler, E.A. Dedrick, I. Delgado, K.S. Forti, **K.S. Herzog**, R.S. Russell, and D.D. Willsey. A new genus of rhinebothriidean cestodes from batoid elasmobranchs, with the description of five new species and two new combinations. *Folia Parasitologica* 63(038): 28 pp. DOI: 10.14411/fp.2016.038

2016 Simões, M., L. Breitkreuz, M. Alvarado, S. Baca, J.C. Cooper, L. Heinz, **K. Herzog** and B.S. Lieberman. The evolving theory of evolutionary radiations. *Trends in Ecology and Evolution* 31(1): 27–24. DOI: 10.1016/j.tree.2015.10.007

## TECHNICAL REPORTS

2013 **Herzog, K.**, R. Russell and F. Reyda. An examination of the morphological diversity within a new genus of tapeworm from stingrays (Class: Cestoda). *Biological Field Station of Cooperstown, NY 46th Annual Report, 2013:* 135–140.

2013 Yoo, A., **K. Herzog** and H. Waterfield. Aquatic invasive species present in Otsego County, NY water bodies. *Biological Field Station of Cooperstown, NY 46th Annual Report, 2013:* 75–95.

## GRANTS, FELLOWSHIPS & FUNDING AWARDS

$3,435,880 **National Institutes of Health Research Project Grant R01 | 2024**
"Genomic approaches to define hookworm population diversity and deworming drug response" PI: M. Cappello, Yale School of Public Health | Project no. 1R01AI182301-01
Listed as Key Personnel. Contributed significantly to developing experimental design, writing specific aims and research strategy, and generating figures and tables.

$180,000 **University of Kansas Madison & Lila Self Graduate Fellowship | 2017–2021**
Self Graduate Fellows are selected based on their academic ability and achievements, leadership attributes, vision, and motivation to make significant contributions in their fields and in society.

$2,315 **American Museum of Natural History Lerner-Gray Memorial Fund Grant for Marine Research | 2019**
"First insights into population structure in marine tapeworms" by K.S. Herzog

$1,470 **University of Kansas Graduate Studies Doctoral Student Research Fund | 2017**
"Coevolution Between Trypanorhynch Tapeworms and Their Elasmobranch Hosts" by K.S. Herzog

$9,000 **University of Kansas Department of Ecology & Evolutionary Biology and Biodiversity Institute Summer Funding Fellowship | 2015–2017**
Applied for and awarded annually in $3,000 installments to fund research efforts during summer semesters

$500 **University of Kansas Office of Graduate Studies and Office of Research Graduate Scholarly Presentation Travel Fund | 2017**

## GRANTS, FELLOWSHIPS & FUNDING AWARDS (CONTINUED)

| | |
|---|---|
| $350 | **University of Kansas Department of Ecology & Evolutionary Biology Graduate Travel Award | 2017** |
| $400 | **American Society of Parasitologists Marc Dresden Student Travel Award | 2017** |
| $250 | **University of Kansas Department of Ecology & Evolutionary Biology Graduate Student Organization Travel Award | 2015** |
| $500 | **Caroline & David D'Antonio Undergraduate Student Travel Fund | 2013** |
| $1,808 | **SUNY Oneonta Student Grant Program for Research and Creative Activity | 2013**<br>"Description of a New Tapeworm Species from the Whitenose Whip Ray of Borneo" by K.S. Herzog, R. Russell and F. Reyda |
| $100 | **SUNY Oneonta Dr. Gary Holway Scientific Achievement Award | 2013**<br>Awarded for grant proposal "Description of a New Tapeworm Species from the Whitenose Whip Ray of Borneo" by K.S. Herzog, R. Russell and F. Reyda |
| $400 | **Caroline & David D'Antonio Undergraduate Student Travel Fund | 2012** |

## HONORS & AWARDS

| | | |
|---|---|---|
| 2024 | **Ashton Cuckler New Investigator Award** | American Society of Parasitologists |
| 2023 | **Young Investigator Award** | American Society of Tropical Medicine and Hygiene |
| 2021 | **Kenneth B. Armitage Award for Excellence in Teaching** | University of Kansas \| BIOL 428 |
| 2021 | **David A. Becker Best Student Paper Award** | Southwestern Association of Parasitologists |
| 2018 | **Community Collaborator Award** | Girl Scouts of America; awarded jointly |
| 2017 | **Outstanding Student Paper Award** | American Society of Parasitologists |
| 2015 | **Student Paper Award Honorable Mention** | Southwestern Association of Parasitologists |
| 2014 | **SUNY Chancellor's Award for Student Excellence** | SUNY Oneonta |
| 2014 | **Foundation Award for Excellence in Student Research & Creative Activity** | SUNY Oneonta |
| 2014 | **Student Outstanding Service Award** | SUNY Oneonta |
| 2014 | **Biology Senior Merit Scholar** | SUNY Oneonta |
| 2014 | **Jan Kee Ang Award** | SUNY Oneonta |
| 2014 | **Academic Achievement Award for Biology** | SUNY Oneonta |
| 2013 | **Best and Brightest Award** | SUNY Oneonta |
| 2013 | **Academic Achievement Award for Biology** | SUNY Oneonta |

## PRESENTATIONS

2025 Phylogenetic analysis of North America species of Family Neoechinorhynchidae. F. Reyda (presenter). **K. Herzog**, and M. Fleming. Oral presentation given at the 11th International Symposium on Fish Parasites, Merida, Mexico.

## PRESENTATIONS (CONTINUED)

2024 Characterizing genetic diversity and population structure of human hookworms using whole genome data from accessible sample types. **K.S. Herzog**, L.M. Harrison, M.D. Wilson, M. Cappello, and J.R. Fauver. Poster presented at the 2024 meeting of the American Society of Tropical Medicine and Hygiene, New Orleans, LA.

2024 Explaining the variability in West Nile Virus CT values from mosquito pools and their implications for human risk. I. Marchinton, **K. Herzog**, S. Chandler, and J. Fauver. Poster presented at the Midwest Public Health Innovation and Research Expo, University of Nebraska Medical Center, Omaha NE.

2024 Genomic epidemiology informs transmission dynamics of West Nile Virus outbreaks in Nebraska. S. Chandler, **K. Herzog**, D. Gurung, I. Marchinton, S. Uhm, S. Vaughan, M. Wiley, and J. Fauver. Poster presented at the University of Nebraska Medical Center 2024 Summer Research Symposium, Omaha, NE.

2024 Sequencing mosquito bloodmeals to evaluate risk of West Nile Virus transmission. D. McCormick, **K. Herzog**, H. Smith, J. Hamick, and J. Fauver. Poster presented at the University of Nebraska Medical Center 2024 Summer Undergraduate Research Program Poster Session, Omaha, NE.

2024 Principal, intercalary, or "extra" hooks: *Proemotobothrium* woes. **K.S. Herzog** and K. Jensen (presenter). Oral presentation given at the Southwestern Association of Parasitologists 2024 Annual Meeting, Kingston, OK.

2024 Characterizing genetic diversity and population structure of human hookworms using whole genome data from accessible sample types. **K.S. Herzog**, L.M. Harrison, M.D. Wilson, M. Cappello, and J.R. Fauver (presenter). Oral presentation given at the Southwestern Association of Parasitologists 2024 Annual Meeting, Kingston, OK.

2023 Benchmarking an accessible method for generating complete genomes from parasitic nematodes. **K.S. Herzog** and J.R. Fauver. Poster presented at the 2023 meeting of the American Society of Tropical Medicine and Hygiene, Chicago, IL.

2023 Progress in cestode systematics and phylogeny: Trypanorhyncha. **K.S. Herzog**. Oral presentation given at the 2023 meeting of the International Workshop on Cestode Systematics and Phylogeny, Warsaw, Poland.

2023 A novel approach to sequencing West Nile Virus genomes using IDT xGen and Illumina MiniSeq. D. Gurung, J. Fauver and **K. Herzog**. Poster presented at the University of Nebraska Medical Center 2023 Summer Undergraduate Research Program Poster Session, Omaha, NE.

2023 A. Butz (presenter), S. Uhm, T. Mohammed, B. Erko, M. Aemero, A. Mengist, J. Fauver and **K. Herzog**. Determining *Schistosoma haematobium* population structures in Ethiopia. Poster presented at the University of Nebraska Medical Center 2023 Summer Undergraduate Research Program Poster Session, Omaha, NE.

2023 Benchmarking Q20+ ONT MinION long-read sequence data for generate reference-quality genomes for parasitic nematodes. **K.S. Herzog** (presenter) and J.R. Fauver. Oral presentation given at the American Society of Parasitologists 2023 Annual Meeting, Kansas City, MO.

## PRESENTATIONS (CONTINUED)

2023 One worm, one genome: Using the ONT MinION sequencing platform to generate a reference-quality genome for the filarial nematode *Brugia malayi*. **K.S. Herzog** (presenter) and J.R. Fauver. Oral presentation given at the Southwestern Association of Parasitologists 2023 Annual Meeting, Kingston, OK.

2022 First Assembly of a *Necator americanus* genome from an isolate in Ghana. J.R. Fauver, **K.S. Herzog**, L.M. Harrison, E. Allen, D. Osabutay, M.D. Wilson and M. Cappello. Poster presented at the 2022 meeting of the American Society of Tropical Medicine and Hygiene, Seattle, WA.

2022 First insights into population genomic structure for marine tapeworms of elasmobranchs: The interplay between host species, geography, and host specificity. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at the 2022 meeting of the International Congress of Parasitologists, Copenhagen, Denmark.

2022 Hooks, hosts, and haplotypes: A deep dive on the biology of a marine tapeworm. Invited to present a virtual oral presentation at the No Bones seminar, Department of Invertebrate Zoology, National Museum of Natural History, Smithsonian Institution.

2021 Population genomic structure in marine tapeworms: The importance of host species versus geographic locality. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at the 2021 virtual meeting of the American Society of Parasitologists.

2021 Host specificity and population genomics in marine tapeworms (Eucestoda: Trypanorhyncha). **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at the 2021 virtual meeting of the Southwestern Association of Parasitologists.

2020 Old worms, new tricks: Using tapeworms of sharks to ask evolutionary questions. Invited to speak to undergraduate biology students at Baker University, Baldwin City, KS.

2019 The "Rhinoptericolidae" revisited: Less host specific, more diverse, and more broadly distributed than previously assumed. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at the American Society of Parasitologists 2019 Annual Meeting, Rochester, MN.

2019 Old worms, new tricks: Testing assumptions in an unusual group of tapeworms of cownose rays. One of four invited speakers at the University of Kansas Graduate Red Hot Research Symposium No. 9, Lawrence, KS.

2018 Trypanorhynchs from Batoids of Mozambique. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at the American Society of Parasitologists 2018 Annual Meeting, Cancun, Mexico.

2018 Tackling the trypanorhynchs: The challenges of treating one of the "most chaotic" orders of cestodes. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at Southwestern Association of Parasitologists 2018 Annual Meeting, Kingston, OK.

2017 The tapeworm fauna of the giant devilray (*Mobula mobular* [Bonnaterre]): A trans-Pacific distribution. **K.S. Herzog** and K. Jensen. Poster presented at the 9th International Workshop on Cestode Systematics and Phylogeny, Rostock, Germany.

2017 An unusually high number of new species of *Anthocephalum* (Rhinebothriidea: Anthocephaliidae) parasitizing a single species of Indo-Pacific stingray host. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at the American Society of Parasitologists 2017 Annual Meeting, San Antonio, TX.

## PRESENTATIONS (CONTINUED)

2017 Insight into the familial placement of two of the most devilish tapeworm genera. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at the Southwestern Association of Parasitologists 2017 Annual Meeting, Kingston, OK.

2017 The circle of life-cycles: Parasitic mind control and the weird sex lives of worms. One of three selected speakers for the public lecture event Nerd Nite 58: "Creature Feature", Lawrence, KS.

2016 Platyhelminthes and the tapeworms of sharks and rays. Invited guest lecturer to the Haskell Indian Nations University Fall 2016 Organismal Biology course, Lawrence, KS.

2016 Does size matter? Tapeworm faunal diversity and host size in the mangrove whipray from the Solomon Islands and Australia. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at the American Society of Parasitologists 2016 Annual Meeting, Edmonton, Canada.

2016 Tapeworms of the mangrove whipray: Faunal differences and host size. **K.S. Herzog** (presenter) and K. Jensen. Invited speaker at the University of Kansas Department of Ecology & Evolutionary Biology 2016 New Student Recruitment Event, Lawrence, KS.

2015 A new genus of lecanicephalidean tapeworm with comments on its distribution within a host species. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at American Society of Parasitologists 2015 Annual Meeting, Omaha, NE.

2015 A new genus of lecanicephalidean tapeworm with comments on its distribution within a host species. **K.S. Herzog** (presenter) and K. Jensen. Oral presentation given at the Southwestern Association of Parasitologists 2015 Annual Meeting, Kingston, OK.

2014 An examination of host specificity within a new genus of cestodes of elasmobranchs (Cestoda: Rhinebothriidea). **K.S. Herzog** (presenter), R. Russell and F. Reyda. Oral presentation given at the American Society of Parasitologists 2014 Annual Meeting, New Orleans, LA.

2014 A new species of tapeworm from stingrays of the Indo-Pacific that demonstrates relaxed host specificity. **K.S. Herzog**, R. Russell and F. Reyda. Poster presented at the Student Research and Creative Activity Day, SUNY Oneonta, Oneonta, NY.

2013 Morphological diversity of Rhinebothriinae New Genus 3 (Class: Cestoda). D. Willsey, **K.S. Herzog** and F. Reyda. Poster presented at the Student Research and Creative Activity Day, SUNY Oneonta, Oneonta, NY.

2013 Morphological diversity within Rhinebothriinae New Genus 3 (Cestoda: Rhinebothriidea). **K.S. Herzog**, D. Willsey and F. Reyda. Poster presented at the American Society of Parasitologists 2013 Annual Meeting, Quebec City, Canada.

2013 Relaxed host specificity in a new genus from *Dasyatis* and *Himantura*. D. Willsey (presenter), **K.S. Herzog** and F. Reyda. Oral presentation given at the American Society of Parasitologists 2013 Annual Meeting, Quebec City, Canada.

## TEACHING EXPERIENCE

| | | |
|---|---|---|
| 2021 Spring | **Introduction to Systematics | BIOL 428**<br>Graduate Teaching Assistant (online) | University of Kansas |
| 2018 Fall | **Biology and Diversity of Parasites | BIOL 480 & 481**<br>Graduate Teaching Assistant | University of Kansas |

## TEACHING EXPERIENCE (CONTINUED)

| | | |
|---|---|---|
| 2016 Fall | **Biology and Diversity of Parasites | BIOL 480 & 481**<br>Graduate Teaching Assistant | University of Kansas |
| 2016 Fall | **Principles of Biology | BIOL 102 (nonmajors)**<br>Graduate Teaching Assistant | University of Kansas |
| 2016 Spring | **Principles of Organismal Biology | BIOL 152**<br>Graduate Teaching Assistant | University of Kansas |
| 2015 Fall | **Principles of Biology | BIOL 102 (nonmajors)**<br>Graduate Teaching Assistant | University of Kansas |
| 2014 Spring | **Marine Biology | BIOL 259**<br>Undergraduate Teaching Assistant | SUNY Oneonta |
| 2014 Spring | **General Biology 2 | BIOL 181**<br>Undergraduate Teaching Assistant | SUNY Oneonta |
| 2014 Spring | **SCUBA Diving | PHYS 118**<br>Volunteer Assistant & Demonstrator | SUNY Oneonta |
| 2013 Fall | **General Biology 2 | BIOL 181**<br>Undergraduate Teaching Assistant | SUNY Oneonta |
| 2012 Fall | **SCUBA Diving | PHYS 118**<br>Volunteer Assistant & Demonstrator | SUNY Oneonta |

## CURATORIAL ASSISTANTSHIP EXPERIENCE

2018 Fall **Division of Invertebrate Zoology** — Biodiversity Institute, University of Kansas

Curated, cataloged, and associated metadata to wet, dried, and slide-mounted accessioned specimens, including helminths, sea anemones, gastropods, bivalves, and earthworms. Catalogued and re-curated a collection of freshwater invertebrates accession by the Kansas Biological Survey, including insects, leeches, and crustaceans. Facilitated loans to and from the Division.

## FIELD EXPERIENCE

2017 **Taiwan**

Collaborated with researchers from the University of Connecticut and the National Museum of Marine Biology and Aquarium of Taiwan to collect tapeworms of sharks and rays.

2015 **Charleston, South Carolina, USA**

Collaborated with researchers at the College of Charleston Grice Marine Laboratory and the South Carolina Department of Natural Resources to collect sharks and rays.

2014 **Manu National Rainforest, Peru**

While enrolled in Tropical Field Biology (BIOL 321, SUNY Oneonta), gained experience with field sampling techniques including pitfall trapping, mist netting, macroinvertebrate sampling and population monitoring, and neotropical plant and animal identification.

## MENTORSHIP EXPERIENCE

2024–present **Z. Pella | Post-baccalaureate researcher** University of Nebraska Medical Center
With Joseph R. Fauver, co-mentoring in his work developing a bioinformatic pipeline for hookworm genome annotation and preparing next-generation sequencing libraries from black legged ticks.

2024 Summer **D. McCormick | Undergraduate research student** University of Nebraska Medical Center
With Joseph R. Fauver through the UNMC Summer Undergraduate Research Program, co-mentored in all aspects of her independent research project assessing mosquito feeding habits in Nebraska by sequencing vertebrate DNA in collected bloodmeals.

2024 Summer **S. Chandler | Medical student lab technician** University of Nebraska Medical Center
With Joseph R. Fauver, co-mentored in her work generating next-generation sequencing libraries from historical pools of West Nile Virus-positive mosquitos collected from throughout Nebraska.

2024 Summer **S. Vaugh | Undergraduate research student** University of Nebraska Medical Center
With Joseph R. Fauver, co-mentored in her work optimizing genomic DNA extraction techniques from individual third-stage hookworm larvae.

2023 Summer **R. Wu | High school research student** University of Nebraska Medical Center
With Joseph R. Fauver, co-mentored in all aspects of her work developing a bioinformatic pipeline to compare completeness between genomes generated using different assembly methods.

2023 Summer **A. Butz | Undergraduate research student** University of Nebraska Medical Center
With Joseph R. Fauver through the UNMC Summer Undergraduate Research Program, co-mentored in all aspects of her independent summer research project on population genetic structure of *Schistosoma haematobium* in Ethiopia.

2023 Summer **D. Gurung | Undergraduate research student** University of Nebraska Medical Center
With Joseph R. Fauver through the UNMC Summer Undergraduate Research Program, co-mentored in all aspects of her independent summer research project validating a novel library preparation approach for West Nile Virus whole genome sequencing.

## WORKSHOPS

2023 **A practical introduction to generating genomic data using the Oxford Nanopore MinION sequencing platform (co-led with Joseph R. Fauver)**
- Presented at the American Society of Parasitologists Annual Meeting, Kansas City, MO
- Provided an overview of MinION sequencing and approaches and techniques for preparing sequencing libraries; demonstrated loading a flow cell and sequencing in real time; demonstrated how to assess the quality of a MinION sequencing run
- 43 workshop registrants of varying career stages

2023 **Correcting GenBank species identifications (co-led with Kirsten Jensen)**
- Presented at the International Workshop on Cestode Systematics and Phylogeny, Warsaw, Poland
- Highlighted the importance of updating species identifications in GenBank; provided a written guide and hands-on tutorial for submitting changes to the source, publication, and sequence information associated with GenBank records
- 41 in-person and virtual workshop attendees of varying career stages

## PROGRAMING & FUNDRAISING INITIATIVES

2020 **American Society of Parasitologists Parasite Hour Virtual Seminar Series**
- Weekly virtual series for emerging parasitologists to share research during the pandemic
- 10 student presenters in 7 countries shared research on 6 subtopics in parasitology
- 45–75 parasitologists attended each session

2019 **Graduate Student Organization Fundraising Campaign**
- Crowdfunding campaign "Support Student Biologists" via the LaunchKU platform
- Over $2,500 raised from 27 donors
- Funds support graduate student travel scholarships & science outreach

2019; 2018 **Science Night at the Lawrence Beer Company**
- Free evening of community outreach at Lawrence Beer Company in Lawrence, Kansas
- Student scientists presented research with specimens, images, and activities
- Attendees also participated in brewery tours focused on the science behind brewing

2017 **Open Access Phylogeography Module for Kansas DNA Day (with Lukas B. Klicka)**
- Designed to teach high school students about the use of DNA in phylogeography
- Includes introductory PowerPoint© slides, a hands-on activity, and a thought experiment
- One of Kansas DNA Day's most-requested modules annually since its adoption in 2017

## CERTIFICATIONS

**Teaching Online: Course Design, Delivery, and Teaching Presence Certification**
- Online professional development course (October 3–30, 2022) | UNMC–25 hrs.

**Lean Six Sigma Certified**
- Yellow Belt (2020) | Frank Adler, Six Sigma–15 hrs.

**Professional Association of Diving Instructors (PADI) SCUBA Certified**
- Open Water Diver certification (July 5, 2012) | Diver No. 12080N1501
- Advanced Open Water Diver certification (October 20, 2012) | Diver No. 12100R6811
- Ice, wreck, deep, night, and technical diving experience

## PROFESSIONAL MEMBERSHIPS & SERVICE

**American Society of Parasitologists**

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|---|---|
| Nominating and Tellers Committee | Jun 2024–present |
| Early Career member | 2023–present |
| Membership Committee | Sept 2022–present |
| Local Meeting Organizing Committee | Jul 2022–Jul 2023 |
| Student representative to Council | Jul 2019–Jul 2020 |
| Session chair at annual meeting | 2018, 2021 & 2023 |
| Membership Committee student representative | Jul 2019–Jul 2020 |
| Local Meeting Organizing Committee student representative | Jul 2018–Jul 2020 |
| Student Experience Committee student representative | Jul 2018–Jul 2019 |
| Education Committee student representative | Jul 2017–Jul 2019 |
| Student member | 2013–2022 |

## PROFESSIONAL MEMBERSHIPS & SERVICE (CONTINUED)

**American Society of Tropical Medicine and Hygiene**

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|---|---|
| Postdoctoral member | 2022–present |

**Comparative Parasitology**

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|---|---|
| Editorial board member | 2022–present |

**Southwestern Association of Parasitologists**

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|---|---|
| Representative to the American Society of Parasitologists | 2024–present |
| Member | 2023–present |
| Student member | 2015–2022 |
| Session chair at annual meeting | 2017 |

**Nebraska Tick Network**

| | |
|---|---|
| Postdoctoral member | 2022–present |

**University of Kansas Dept. of Ecology & Evolutionary Biology**

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|---|---|
| Graduate Student Organization member | Aug 2014–May 2022 |
| BI Panorama Grant Selection Committee student representative | Feb 2021–Feb 2022 |
| Graduate Student Organization Executive Board co-president | May 2017–May 2018 |
| Graduate Student Organization Fundraising Committee chair | Aug 2018–Aug 2019 |
| Graduate Student Organization Awards Committee member | Aug 2016–May 2017 |
| Graduate Program Committee student representative | Aug 2015–Aug 2016 |

**SUNY Oneonta**

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|---|---|
| Honors Society | Inducted Fall 2010 |
| *Beta Beta Beta* Biological Honors Society, *Theta Nu* chapter | Inducted Fall 2012 |
| *Phi Eta Sigma* National Honors Society, Oneonta chapter | Inducted Spring 2012 |
| Biology Club member | Aug 2011–May 2014 |
| Biology Club Executive Board president | Aug 2013–May 2014 |
| Diver & Tender for the Cooperstown, NY Volunteer Dive Team | Feb 2012–Aug 2014 |

## PEER REVIEWER

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|---|---|---|---|
| 2024 Dec | Cladistics | 2021 Jun | Systematic Parasitology |
| 2024 Jan | Invertebrate Systematics | 2019 Dec | Journal of Parasitology |
| 2023 Sept | Zoology | 2019 Jan | Current Zoology |
| 2022 Aug | Comparative Parasitology | 2017 Oct | Journal of Natural History |
| 2021 Oct | Journal of Parasitology | | |

## RELEVANT WORK EXPERIENCE

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|---|---|---|
| 2014<br>Jun–Aug | **Eurasian Watermilfoil Biocontrol Grant**<br>Technician | Biological Field Station, Cooperstown, NY |
| 2013<br>Jul–Aug | **Aquatic Invasive Species Survey Grant**<br>Paid Intern | Biological Field Station, Cooperstown, NY |
| 2013<br>May–Aug | **Nature Interpreter**<br>Paid intern | Biological Field Station, Cooperstown, NY |

## SELECTED SCIENCE OUTREACH

2021 **Communication: Discovery Day–Amazing Adaptations**
As part of broader efforts of the KU Natural History Museum to create virtual outreach experiences during the COVID-19 pandemic, produced a video on the unique adaptations of tapeworms including a guided tutorial for building and using a simple microscope at home.

2021 **Communication: Parasite Week**
As part of the American Society of Parasitologists Parasite Week program, video conferenced with two high school science classrooms in Oklahoma to teach students about what parasites are, to show parasites under the microscope, and present on personal research projects.

2020 **Communication: American Society of Parasitologists "Skype a Parasitologist" Program**
Video conferenced with two Michigan middle school science classrooms to present personal research and converse with students about the biology, importance, and impact of parasites in ecological communities.

2015–2022 **Interactive Programming: Meet a Marine Biologist**
With other graduate students, routinely spoke with eastern Kansas and western Missouri *Girl Scouts of the USA* troops about what it means to be a researcher and a woman in the field of marine biology. Provide brief lab tours in addition to presentations to scouts visiting the University of Kansas. Introduce scouts to preserved marine animal specimens.

2019 **Interactive Programming: Collections Up Close**
On two separate days at the Natural History Museum and KU Student Union, showed University of Kansas students, faculty and staff preserved specimens from the museum's invertebrate zoology collection. Designed an interactive display incorporating microscopy, preserved specimens and imagery to demonstrate invertebrate diversity and the value of working research collections.

2019 **Interactive Programming: "Can DNA Help Us Understand the Rainforest?" at Camp Prairie Schooner**
Presented to scouts at the Prairie Schooner Rainforest Retreat Girl Scout Camp in Kansas City, MO on the importance of using DNA evidence to help estimate species diversity in the rainforest, following by an activity for each scout to extract and examined their own DNA.

2018 **Informal Mentoring: Letters to a Pre-Scientist**
Volunteered with the organization Letters to a Pre-Scientist and was matched as a pen pal to a 3rd grade student in a high-poverty school in Illinois to communicate about science and school as a means of breaking down the barrier to higher education.

## SELECTED SCIENCE OUTREACH (CONTINUED)

2017–2019 **Interactive Programming: Sexy Science**
Annually, presented on the unique reproductive strategies of several parasite taxa to interested students and community members visiting the University of Kansas Natural History Museum. Designed an interactive display incorporating microscopy, preserved specimens, imagery, and literature to introduce visitors to parasite biology.

2017 **Teaching: Wyandotte High School College-Level Biology Class**
With a fellow graduate student, taught college-level biology students at Wyandotte High School in Kansas City, MO about the biology of tardigrades and the importance of biodiversity. Facilitated an activity in which students examine tardigrades in the classroom, and then collect tardigrade habitat from school grounds and record basic sample and locality information for later identification of tardigrade specimens at the Baker Wetlands laboratory.

2017 **Interactive Programming: Expanding Your Horizons**
With three other women graduate students, volunteered as a workshop leader at the Kansas City Science Pioneers Expanding Your Horizons event for 6$^{th}$ to 8$^{th}$ grade girls interested in science. Helped develop and present a hands-on workshop to help girls understand the correlation between form and function of coloration in different groups of animals.

2016 **Interactive Programming: Cordley Elementary Science Club**
With other graduate students, held a hands-on science workshop at Cordley Elementary in Lawrence, KS. Taught students about the importance and relevance of DNA and helped them extract their own DNA using an abbreviated, age-appropriate protocol.

2016 **Interactive Programming: Free State High School Explorations in Science Club**
Assisted in arranging visits to biological laboratories at the University of Kansas for high school students interested in science to speak to graduate students about research. Provided a lab tour and spoke with visiting students about the biodiversity of the tapeworms of sharks and stingrays using a combination of microscopy, preserved specimens, and scanning electron micrographs.

2016–2018 **Interactive Programming: Science of the Macabre**
Annually, presented on the biology, ecology, and evolutionary history of several parasite taxa to interested students and community members visiting the University of Kansas Natural History Museum. Designed an interactive display incorporating microscopy, preserved specimens, imagery, and literature to introduce visitors to parasites.

2015 **Teaching: Wyandotte High School College-Level Biology Class**
With other graduate students, taught college-level biology students at Wyandotte High School in Kansas City, Missouri about arthropod vectors, and the parasites and diseases they transmit. Developed and facilitated a laboratory activity for students to examine specimens, watch short topical videos, and discuss vector biology. Assisted in leading a post-lab class discussion.

2015 **Teaching: DNA Day**
Volunteered as a science ambassador to Shawnee Mission North High School to teach multiple high school biology classes about DNA, genetics and ongoing research in biology at the University of Kansas. Delivered lectures and helped facilitate a DNA extraction activity.

## SELECTED SCIENCE OUTREACH (CONTINUED)

2015 **Teaching: Wyandotte High School Environmental Science Class**
With other graduate students, taught an environmental science class at Wyandotte High School, Kansas City, MO how to assess biological diversity. Designed an in-class exercise on collecting and identifying specimens and calculating diversity; helped develop and deliver a lecture on diversity assessment; showed students how to collect and identify insects.

2015 **Interactive Programming: University of Kansas Biodiversity Institute Science Saturday**
Co-presented a 2-hour rotating workshop offered for children and community members of all ages. Introduced participants to the corresponding morphology of flowers and their insect pollinators and highlighted the diversity and importance of local Kansas pollinators.

2014–2016 **Interactive Programming: University of Kansas Carnival of Chemistry**
Annually, presented a 3-hour rotating workshop offered annually for children ages 2–12. Designed an interactive display incorporating microscopy and preserved specimens to introduce participants to the tapeworms of sharks and stingrays, as well as to basic elasmobranch biology and ecology.

OFFICE OF THE UNIVERSITY SECRETARY

**MEMORANDUM**

DATE: Nov. 26, 2025

TO: Board of Regents Student Success, Teaching, and Research Committee

FROM: Shawna Wolfe, Chair, UNM Naming Committee

SUBJECT: Approval of Nov. 19 Naming Committee Request

Per UAP Policy 1020, at the Nov. 19, 2025 meeting, the University Naming Committee reviewed and unanimously recommend the approval of the following appointments:

**Request from the College of Arts & Sciences**

Approval of the Appointment of **Dr. Kaylee Herzog** as the "Robert L. Rausch Endowed Chair of Parasitology"
(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

Approval of the Appointment of **Dr. Oleg Prezhdo** as the "Guido Daub Professor of Chemistry"
(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

Approval of the Appointment of **Dr. Gabriel Sanchez** as the "RWJF Endowed Professor of Health Policy"
(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

**Request from the College of Nursing**

Approval of the Appointment of **Dr. Hector Olvera Alvarez** as the "The Virgina P. Crenshaw Endowed Chair in Nursing"
(3.2.6. Endowed Faculty Positions; 2.2 Private Financial Support)

We request that this item be added to the agenda for consideration at the next Board of Regents Student Success, Teaching, and Research Committee.

Attachment

# University Naming Committee

Wednesday, Nov. 19, 2025
11:00 a.m. via Zoom

Zoom Information:
https://unm.zoom.us/j/92932690296
Meeting ID: 929 3269 0296
Passcode: 658064

**AGENDA**

| | | |
|---|---|---|
| | Call to Order and Approval of Agenda | Action |
| | Approval of the Oct. 15 meeting minutes | Action |
| 1. | Request from College of Arts & Sciences<br>Request to approve the list of naming opportunities within the **Humanities & Social Sciences Building (HSS)**<br>(3.2.2 Interior Space; 2.2 Private Financial Support)<br>*Rob St. Mary, Director of Development, College of Arts & Sciences* | Action |
| 2. | Request from UNM Golf Course<br>Request to approve the naming of the **Gary Bauerschmidt Honorary Bench Plaque- North Golf Course**<br>(3.2.4 Tribute Markers; 2.2 Private Financial Support)<br>*Adam Roybal, Director, UNM Golf Course* | |
| 3. | Request from Student Affairs<br>Request to approve the naming of the Dean of Students Office **Nusenda Center for Financial Capability**<br>(3.2.2 Interior Space; 2.2 Private Financial Support)<br>*Betsy Till, Sr. Managing Director of Corporate and Foundation Relations; Eric Scott, Vice President, Student Affairs* | |
| 4. | Request from College of Fine Arts<br>Request to approve the naming of **internal CCAT Spaces**<br>(3.2.2 Interior Space; 2.2 Private Financial Support)<br>*Kristine Purrington, Executive Director of Academic Development, College of Fine Arts; Harris D. Smith, Dean, College of Fine Arts* | |
| 5. | Approval of the Appointment of Dr. Kaylee Herzog as the "Robert L. Rausch Endowed Chair of Parasitology"<br>(3.2.6. Endowed Faculty Positions)<br>*Sharon Erickson Nepstad, Ph.D., Interim Associate Dean for Research and Graduate Studies, College of Arts and Sciences* | |

6. Approval of the Appointment of Dr. Oleg Prezhdo as the "Guido Daub Professor of Chemistry"
(3.2.6. Endowed Faculty Positions)
*Sharon Erickson Nepstad, Ph.D., Interim Associate Dean for Research and Graduate Studies, College of Arts and Sciences*

7. Approval of the Appointment of Dr. Gabriel Sanchez as the "RWJF Endowed Professor of Health Policy"
(3.2.6. Endowed Faculty Positions)
*Sharon Erickson Nepstad, Ph.D., Interim Associate Dean for Research and Graduate Studies, College of Arts and Sciences*

8. Approval of the Appointment of Dr. Hector Olvera Alvarez as the "The Virgina P. Crenshaw Endowed Chair in Nursing"
(3.2.6. Endowed Faculty Positions)
*Bill Uher, VP HSC Development UNM Foundation*

4. Old Business/New Business — Discussion
   a. Review of UNM Policy 1020

5. Adjourn — Action

COLLEGE OF ARTS & SCIENCES
OFFICE OF THE DEAN

October 29, 2025

Re: Appointment of Dr. Oleg Prezhdo as the Guido Daub Professor of Chemistry

To the Members of the UNM Naming Committee,

On behalf of UNM's College of Arts & Sciences, we request approval to appoint Dr. Oleg Prezhdo as the Guido Daub Professor of Chemistry.

Dr. Prezhdo completed his Ph.D. in chemical physics at the University of Texas-Austin in 1997. From 1997-1998, he was a post-doctoral fellow at Yale University before moving to a tenure-track position at the University of Washington. After being promoted to Professor, he held positions at the University of Rochester and the University of Southern California. In addition, he has been a visiting scholar at universities in China, South Korea, Belgium, Iceland, Spain, Luxembourg and Germany. He joined the faculty at the University of New Mexico in 2025.

Dr. Prezhdo is a physical chemist who studies *excited state* and *non-equilibrium processes* in molecular, nanoscale, and condensed phase systems. He has made contributions in *non-adiabatic molecular dynamics* and *time-dependent density functional theory, which has* enabled modeling quantum dynamics in a range of topical materials. He has published more than 530 peer-reviewed journal articles and dozens of book chapters, reviews, and feature articles. His research has nearly 36,000 citations. He will be an important member of the Quantum New Mexico Institute (QNMI) here at UNM.

Dr. Prezhdo is an Alfred P. Sloan Fellow, a Fellow of the American Physical Society, and a Fellow of the American Association of the Advancement of Science. He is a highly accomplished researcher. Based on his outstanding scholarly record, we wholeheartedly endorse this nomination of Dr. Prezhdo to be the Guido Daub Endowed Professor of Chemistry. Professor Prezhdo's appointment to this position will honor Professor Daub, who was a key architect in the development of the UNM Chemistry and Chemical Biology Department internationally recognized chemist.

Thank you for your time and consideration of this request.

Sincerely,

Jennifer Malat, Ph.D.
Dean, College of Arts & Sciences

Curriculum Vitae

**OLEG V. PREZHDO**

Guido Daub Professor, Department of Chemistry and Chemical Biology
University of New Mexico, Albuquerque, NM 87106
(206) 354-5341 (cell); prezhdo@unm.edu (work); oprezhdo@gmail.com (personal)
https://sites.google.com/view/drolegvprezhdo/

## PROFESSIONAL PREPARATION

| | |
|---|---|
| 1997-1998 | Postdoctoral Fellow, Yale University, under Prof. J. C. Tully |
| 1993-1997 | Ph.D., University of Texas, Austin, TX<br>Chemical Physics, under Prof. P. J. Rossky<br>Thesis: Quantum-classical approaches for simulation of non-adiabatic chemical dynamics in solution. |
| 1986-1991 | Diploma, Kharkiv University, Ukraine<br>Theoretical Chemistry, under Prof. Dr. A. V. Luzanov |

## APPOINTMENTS

| | |
|---|---|
| 2025-present | Guido Daub Professor of Chemistry, University of New Mexico, Albuquerque, NM |
| 2014-2025 | Professor of Chemistry, University of Southern California, Los Angeles |
| 2010-2014 | Professor of Chemistry, University of Rochester, Rochester, NY |
| 2006-2010 | Professor of Chemistry, University of Washington, Seattle, WA |
| 2003-2006 | Associate Professor of Chemistry, University of Washington, Seattle, WA |
| 1998-2003 | Assistant Professor of Chemistry, University of Washington, Seattle, WA |
| 1991-1993 | Scientist, Kharkiv University, Ukraine |
| 2015-2025 | Adjunct Professor of Physics and Astronomy, University of Southern California, Los Angeles, CA |
| 2012-2014 | Adjunct Professor of Physics, University of Rochester, Rochester, NY |
| 2020-current | Executive Editor of the Journal of Physical Chemistry Letters |
| 2013-2019 | Senior Editor for Surface Science Reports |
| 2011-2019 | Senior Editor of the Journal of Physical Chemistry Letters |
| 2008-2020 | Senior Editor of the Journal of Physical Chemistry |

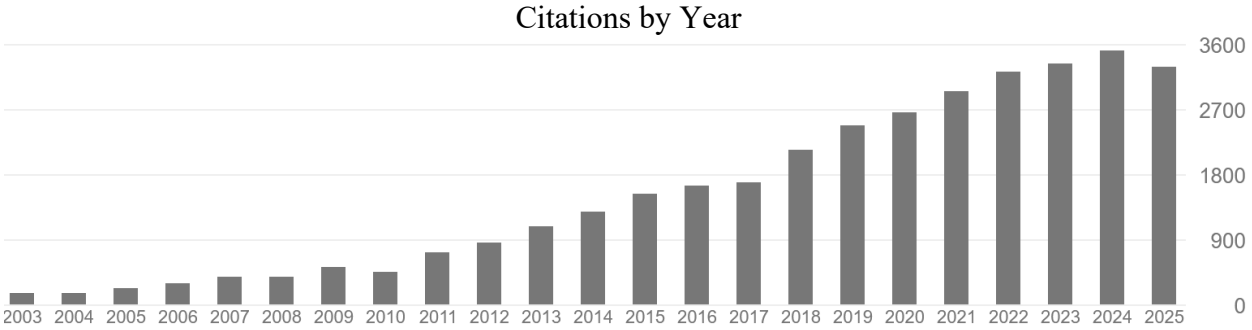
## HONORS / AWARDS

Fellow of the American Association of the Advancement of Science (AAAS), 2024
Highly Ranked Scholar by Scholar GPS, 2024
Visiting Scientist, University of Mons, Belgium, 2024
Visiting Scholar, Korea Institute for Advanced Study, Seoul, S. Korea, 2024
Humboldt Foundation Research Award, Technical University of Berlin, Germany, 2023
Visiting Scientist, University of Iceland, Reykjavik, Iceland, 2023
Visiting Scientist, University of Luxembourg, Luxembourg, 2021-2023, 2025
Visiting Professor, Xiamen University, China, 2019
Visiting Professor, University of Science and Technology of China, China, 2018, 2019

Visiting Professor, Beijing Normal University, China, 2017-2019
Visiting Scientist and Member of Advisory Board, Donostia International Physics Center, San Sebastian, Spain, 2016-2019, 2021-2025
Bessel Award, Humboldt Foundation, University of Bremen, Germany, 2016
Honorary Professor, Kharkiv National University, Ukraine, 2014
Promising Scientist Prize of Centre de Mécanique Ondulatoire Appliquée, QSCP-XVI, Kanazawa, Japan, 2011
Professeur Invite, Université Paris Est, Paris, France, 2011
Fellow of the American Physical Society, 2008
Fellowship of the Japanese Society for the Promotion of Science, Kyoto University, 2007
Max-Planck Fellowship, Inst. Physics Complex Systems, Dresden, Germany, 2005-2006
Professeur Invite, Université d'Evry-Val-d'Essonne, Paris, France, 2004
Alfred P. Sloan Fellowship, 2001
CAREER Award, National Science Foundation, 2001
Research Innovation Award, Research Corporation, 1999-2001
New Faculty Award, The Camille and Henry Dreyfus Foundation, 1998
Outstanding Dissertation Award, University of Texas, 1997
Hemphill/Gilmore Fellowship, University of Texas at Austin, 1996-1997
Welch Award for Academic Excellence, University of Texas at Austin, 1996
Dean's Honor List 1995-1996
Entrance Fellowship, University of Texas at Austin, 1993
Mendeleev Fellowship, Kharkiv University, Ukraine, 1990-1991
Honors Fellowship, Kharkiv University, Ukraine, 1987-1990

**H-index**: 93 (Web-of-Science), 104 (Google Scholar), 5-year h-index 73 (Google Scholar)

**PUBLICATIONS** (>560 total)




**Book Chapters:**

10. C. Mora-Perez and O. V. Prezhdo, "Non-Adiabatic Dynamics in Condensed Matter and Nanoscale Systems" In *Excited States and Photodynamic Simulations from Photobiology to Photomaterials*, Gonzales, L., Ed. Springer: 2023.
9. W. Li, Y. She and O. V. Prezhdo, "Excited State Dynamics in Metal Halide Perovskites: a Theoretical Perspective" in Book *Halide Perovskites for Photonics*, Chapter 6, AIP Publishing, 2021. Edited by Giacomo Giorgi and Anna Vinattieri. DOI: 10.1063/9780735423633_006.

8. L. Wang, R. Long, D. Trivedi and O. V. Prezhdo, in *Green Processes for Nanotechnology: From Inorganic to Bioinspired Nanomaterials*, eds. V. A. Basiuk and E. V. Basiuk, Springer International Publishing, Cham, 2015, DOI: 10.1007/978-3-319-15461-9_13, pp. 353-392.
7. A. V. Akimov and O. V. Prezhdo "Nonradiative relaxation of charge carriers in GaN-InN alloys: Insights from nonadiabatic molecular dynamics", in ACS Symposium Series 1196 *Surface Chemistry for Photocatalysis*, Chapter 9, pages 189-200, 2015. Edited by Dmitri Kilin.
6. A. J. Neukirch and O. V. Prezhdo "Charge and exciton dynamics in semiconductor quantum dots: A time-domain, ab initio view" in Book *Dynamics of Electron Transfer in Solar Energy Conversion*, Edited by Piotr Piotrowiak, ISBN 978-1-84973-387-8 Royal Society of Chemistry, 2013.
5. O. N. Kalugin, V. V. Chaban and O. V. Prezhdo "Microscopic structure and dynamics of molecular liquids and electrolyte solutions confined by carbon nanotubes: molecular dynamics simulations" in Book *Carbon Nanotubes – Synthesis, Characterization, Applications,* Edited by Siva Yellampalli, ISBN 978-953-307-497-9; InTech Publ., Rijeka, Croatia, 2011.
4. O. V. Prezhdo and W. R. Duncan "Ultrafast heterogeneous electron transfer" in Book *Analysis and Control of Ultrafast Photoinduced Reactions*, Series in Chemical Physics Vol. 87, O. Kühn, L. Wöste (Eds.), Springer, Heidelberg, 2007.
3. W. R. Duncan, W. Stier and O. V. Prezhdo "Ab initio simulations of photoinduced molecule-semiconductor electron transfer" in Book *Nanomaterials: Design and Simulation*, Vol. 18, P. Balbuena, J. Seminario (Eds.), Elsevier, 2006.
2. O. V. Prezhdo, W. R. Duncan, C. F. Craig, S. V. Kilina and B. F. Habenicht "Photoexcitation dynamics on the nanoscale" in Book *Quantum dynamics of complex molecular systems*, Ser. Chem. Physics Vol. 83, pp.5-30, D. A. Micha, I. Burghardt (Eds), Springer, 2006.
1. O. V. Prezhdo and C. Brooksby "Non-adiabatic molecular dynamics: Quantum solvent effects" in Book *Advanced Topics in Theoretical Chemical Physics*, Series: Progress in Theoretical Chemistry and Physics, Vol. 12, pp. 339-361, Maruani, J.; Lefebvre, Roland; Brändas, Erkki J. (Eds.), Springer, 2004 528 p., Hardcover ISBN: 1-4020-1564-X.

**Reviews and Feature Articles**

31. C. L. Bassani, et al., "Nanocrystal Assemblies: Current Advances and Open Problems", *ACS Nano*, **18**, 14791–14840 (2024).
30. W. Li, T. Xue, C. Mora-Perez, O. V. Prezhdo "Ab initio quantum dynamics of plasmonic charge carriers" *Trends in Chemistry* **5**, 634-645 (2023); DOI:10.1016/j.trechm.2023.02.010.
29. A. Giri, S. G. Walton, J. Tomko, N. Bhatt, M. J. Johnson, D. R. Boris, G. Y. Lu, J. D. Caldwell, O. V. Prezhdo, P. E. Hopkins, "Ultrafast and Nanoscale Energy Transduction Mechanisms and Coupled Thermal Transport across Interfaces", *ACS Nano*, **17** 14253-14282 (2023); https://doi.org/10.1021/acsnano.3c02417.
28. O. V. Prezhdo, "Modeling non-adiabatic dynamics in nanoscale and condensed matter systems", *Acc. Chem. Res.* **54**, 4239-4249 (2021); DOI: 10.1021/acs.accounts.1c00525.
27. W. Li, Y. She, A. S. Vasenko, O. V. Prezhdo, "Ab initio nonadiabatic molecular dynamics of charge carriers in metal halide perovskites", *Nanoscale*, **13**, 10239-10265 (2021); DOI: 10.1039/d1nr01990b.

26. L. Qiao, W. H. Fang, R. Long, O. V. Prezhdo, "Photoinduced Dynamics of Charge Carriers in Metal Halide Perovskites from an Atomistic Perspective", *J. Phys. Chem. Lett.*, **11**, 7066-7082 (2020); DOI: 10.1021/acs.jpclett.0c01687.
25. W. Li, R. Long, J. F. Tang, O. V. Prezhdo "Influence of defects on excited-state dynamics in lead halide perovskites: time-domain ab initio studies", *J. Phys. Chem. Lett.*, **10**, 3788-3804 (2019); DOI: 10.1021/acs.jpclett.9b00641.
24. X. Zhou, J. Jankowska, H. Dong, O. V. Prezhdo, "Recent theoretical progress in the development of perovskite photovoltaic materials", *J. Energ. Chem.*, **27**, 637-649 (2018).
23. A. A. Chistyakov, M. A. Zvaigzne, V. R. Nikitenko, A. R. Tameev, I. L. Martynov, O. V. Prezhdo, "Optoelectronic properties of semiconductor quantum dot solids for photovoltaic applications", *J. Phys. Chem. Lett.*, **8**, 4129-4139 (2017).
22. J. Jankowska, R. Long, O. V. Prezhdo, "Quantum dynamics of photogenerated charge carriers in hybrid perovskites: dopants, grain boundaries, electric order, and other realistic aspects", *ACS Energ. Lett.*, **2**, 1588-1597 (2017).
21. R. Long, O. V. Prezhdo, W. H. Fang, "Nonadiabatic charge dynamics in novel solar cell materials", *Wiley Interdisciplinary Reviews-Computational Molecular Science*, **7**, e1305 (2017).
20. L.-J. Wang, A. Akimov, O. V. Prezhdo, "Recent progress in surface hopping: 2011-2015", *J. Phys. Chem. Lett.*, **7**, 2100-2112 (2016).
19. A. V. Akimov, O. V. Prezhdo "Large-scale computations in chemistry: a bird's eye view of a vibrant field", *Chem. Rev.*, **115**, 5797-5890 (2015).
18. L. J. Wang, R. Long. O. V. Prezhdo, "Time-domain ab initio modeling of photoinduced dynamics at nanoscale interfaces", *Ann. Rev. Phys. Chem.*, **66**, 549-+ (2015).
17. L. J. Wang, O. V. Prezhdo, D. Beljonne, "Mixed quantum-classical dynamics for charge transport in organics", *Phys. Chem. Chem. Phys.*, **17**, 12395-12406 (2015).
16. A. J. Neukirch, K. Hyeon-Deuk, O. V. Prezhdo, "A time-domain ab initio view of excitation dynamics in quantum dots", *Coord. Chem. Rev.*, **264**, 161 (2014).
15. A. V. Akimov, A. J. Neukirch, O. V. Prezhdo "Theoretical insights into photoinduced charge transfer and catalysis at metal oxide surfaces", *Chem. Rev.*, **113**, 4496 (2013).
14. V. V. Chaban, O. V. Prezhdo "Ionic and molecular liquids: hand in hand for robust engineering", *J. Phys. Chem. Lett.*, **4**, 1423 (2013).
13. H. M. Jaeger, K. Hyeon-Deuk, O. V. Prezhdo "Exciton multiplication from first principles", *Acc. Chem. Res.*, **46**, 1280 (2013).
12. K. Hyeon-Deuk, O. V. Prezhdo "Photoexcited electron and hole dynamics in semiconductor quantum dots: phonon-induced relaxation, dephasing, multiple exciton generation and recombination", *J. Phys. Cond. Matt.*, **24**, 363201 (2012).
11. O. Prezhdo, K. Olan, V. Zubkova, V. Prezhdo "Electro-optical Kerr effect in chemistry" (in Polish), *Wiadomosci Chemiczne*, **65**, 1-32, (2011).
10. S. A. Fischer, C. M. Isborn, O. V. Prezhdo, "Excited states and optical absorption of small semiconducting clusters: dopants, defects and charging", *Chem. Science*, **2**, 400 (2011).
9. S. Garaschuk, V. Rassolov and O. V. Prezhdo "Semiclassical Bohmian dynamics", *Rev. Comp. Chem.*, **87**, 287 (2011).
8. O. V. Prezhdo, "Photoinduced dynamics in semiconductor quantum-dots: insights from time-domain ab initio studies", *Acc. Chem. Res.*, **42**, 2005 (2009).
7. O. V. Prezhdo, Y. V. Pereverzev, "Theoretical aspects of the biological catch-bond", *Acc. Chem. Res.*, **42**, 693 (2009).

6. O. V. Prezhdo, W. R. Duncan, V. V. Prezhdo, "Photoinduced electron dynamics at semiconductor interfaces: a time-domain ab initio prospective", *Prog. Surf. Science*, **84**, 30 (2009).
5. O. V. Prezhdo, "Multiple excitons and electron-phonon bottleneck in semiconductor quantum dots: Insights from ab initio studies", *Chem. Phys. Lett. – Frontier Article*, **460**, 1 (2008); Journal Cover.
4. O. V. Prezhdo, W. R. Duncan, V. V. Prezhdo, "Dynamics of the photoexcited electron at the chromophore-semiconductor interface", *Acc. Chem. Res.*, **41**, 339 (2008).
3. W. R. Duncan, O. V. Prezhdo, "Theoretical studies of photoinduced electron transfer in dye-sensitized $TiO_2$", *Ann. Rev. Phys. Chem.*, **58**, 143 (2007).
2. O. V. Prezhdo, "Quantized Hamilton dynamics", Perspective Article, *Theor. Chem. Acc.*, vol. "New Perspectives in Theoretical Chemistry", **116**, 206 (2006).
1. Y. V. Pereverzev, O. V. Prezhdo, L. R. Dalton, "Macroscopic order and electro-optic response of dipolar chromophore-polymer materials", *ChemPhysChem*, **5** 1821 (2004).

**Editorials**

25. O. V. Prezhdo "Advancing physical chemistry with machine learning", *J. Phys. Chem. Lett.*, **11**, 9656-9658 (2020); DOI: 10.1021/acs.jpclett.0c03130.
24. G. C. Schatz, et al. "The JPC periodic table", *J. Phys. Chem. C*, **123**, 17063-17074 (2019); DOI: 10.1021/acs.jpcc.9b03462.
23. G. C. Schatz, et al. "The JPC periodic table", *J. Phys. Chem. C*, **123**, 5973-5984 (2019); DOI: 10.1021/acs.jpcb.9b03463.
22. G. C. Schatz, et al. "The JPC periodic table", *J. Phys. Chem. C*, **123**, 5837-5848 (2019); DOI: 10.1021/acs.jpca.9b03461.
21. G. C. Schatz, et al. "The JPC periodic table", *J. Phys. Chem. C*, **123**, 4051-4062 (2019); DOI: 10.1021/acs.jpclett.9b01057.
20. G. D. Scholes, G. C. Schatz, J. Bisquert, M. Forsyth, B. Mennucci, O. Prezhdo, F. Zaera, T. Zwier, J. Zhang, "JPCL: A dynamic journal with a global reach", *J. Phys. Chem. Lett.*, **10**, 113-114 (2019), DOI: 10.1021/acs.jpclett.8b03623.
19. G. D. Scholes, J. Bisquert, M. Forsyth, B. Mennucci, O. Prezhdo, F. Zaera, T. Zwier, G. C. Schatz, "Editorial: 2017 in Perspective", *J. Phys. Chem. Lett.*, **9**, 138-140 (2018).
18. G. D. Scholes, J. Bisquert, M. Forsyth, B. Mennucci, O. Prezhdo, F. Zaera, T. Zwier, G. C. Schatz, "In the limelight: Perspective collection on perovskites", *J. Phys. Chem. Lett.*, **8**, 5688 (2017).
17. G. D. Scholes, J. Bisquert, M. Forsyth, B. Mennucci, O. Prezhdo, F. Zaera, T. Zwier, G. C. Schatz, "Perspective collections in the limelight", *J. Phys. Chem. Lett.*, **8**, 5239-5239 (2017).
16. G. D. Scholes, J. Bisquert, M. Forsyth, B. Mennucci, O. Prezhdo, F. Zaera, T. Zwier, G. C. Schatz, "In the limelight", *J. Phys. Chem. Lett.*, **8**, 3925-3925 (2017).
15. G. D. Scholes, J. Bisquert, M. Forsyth, B. Mennucci, O. Prezhdo, F. Zaera, T. Zwier, G. C. Schatz, "In the limelight", *J. Phys. Chem. Lett.*, **8**, 3718-3719 (2017).
14. G. D. Scholes, J. Bisquert, B. Mennucci, O. Prezhdo, F. Zaera, T. Zwier, G. C. Schatz, "The JPCL new year's editorial", *J. Phys. Chem. Lett.*, **8**, 41-41 (2017).
13. M. Gelin, S. Tretiak, O. Prezhdo, "Quantum dynamics and femtosecond spectroscopy (in honor of Professor Vladimir Y. Chernyak on the occasion of his 60th birthday). Preface", *Chem. Phys.*, **481**, 1-2 (2016).

12. P. V. Kamat, B. Mennucci, O. Prezhdo, G. Scholes, F. Zaera, T. Zwier, G. C. Schatz, "Reaching out with physical chemistry", *J. Phys. Chem. Lett.*, **7**, 103-104 (2016).
11. A. V. Akimov, O. V. Prezhdo, "Theory of solar energy materials. Preface", *J. Phys. Cond. Mat.*, **27**, 130301 (2015).
10. P. V. Kamat, B. Mennucci, O. Prezhdo, G. Scholes, F. Zaera, T. Zwier, G. C. Schatz, "A prolific first five years", *J. Phys. Chem. Lett.*, **6**, 180-182 (2015).
9. L. J. Wang, O. V. Prezhdo, "Accurate and efficient quantum chemistry by locality of chemical interactions", *J. Phys. Chem. Lett.*, **5**, 4317-4318 (2014).
8. P. V. Kamat, O. Prezhdo, J.-E. Shea, G. Scholes, F. Zaera, T. Zwier, G. C. Schatz, "Why did you accept my paper", *J. Phys. Chem. Lett.*, **5**, 2443 (2014).
7. P. V. Kamat, G. Scholes, O. Prezhdo, F. Zaera, T. Zwier, G. C. Schatz, "Overcoming the myths of the review process and getting your paper ready for publication", *J. Phys. Chem. Lett.*, **5**, 896 (2014).
6. O. V. Prezhdo "Electrostatic view at the interface", *J. Phys. Chem. Lett.*, **3**, 2386 (2012)
5. H. M. Jaeger, O. V. Prezhdo "Electrons take an unexpected turn", *Nature Chem.*, **4**, 8 (2012)
4. O. V. Prezhdo "A modern quantum chemistry sampler: from algorithms for the Schrodinger equation, to medium effects, to large-scale in silico molecule design", *J. Phys. Chem. Lett.*, **2**, 2273 (2011).
3. O. V. Prezhdo, P. V. Kamat, G. C. Schatz, Editorial "Virtual issue: graphene and functionalized graphene", *J. Phys. Chem. C*, **115**, 3195 (2011).
2. O. V. Prezhdo, "Graphene – the ultimate surface material", *Surf. Sci.*, **605**, 1607 (2011).
1. B. F. Habenicht, O. V. Prezhdo, "Nanotube devices: Watching electrons in real time", *Nature Nanotech.*, **3**, 190 (2008).

**Articles in Peer Reviewed Journals**

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19. V. V. Prezhdo, O. V. Prezhdo, E. V. Ovsiankina, "Syntheses of 2-chloroalkyl-1,4-naphthoquinones and their reactivity in the formation of autocomlexes", *Spectrochim. Acta A* **51**, 2465 (1995).
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16. V. V. Prezhdo, G. V. Tarasova, O. V. Prezhdo, S. A. Tyurin, "Polarization characteristics of interacting molecules in fluids" *Proceedings of the International Conference on Intermolecular Interactions in Matter*, K. Sangwal, E. Jartych, J. M. Olchowik, editors, (Politechnika Lubelska, Lublin, Poland 1995) pp. 35-40.
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10. O. V. Shishkin, A. S. Polyakova, O. V. Prezhdo, S. M. Desenko, V. D. Orlov, Y. T. Struchkov, "The effect of electronic interactions between double bonds on the conformational flexibility of 1,4-cyclohexadiene", *Russ. Chem. Bulletin* **9**, 1676 (1994).
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7. V. V. Prezhdo, G. V. Tarasova, O. V. Prezhdo, S. A. Tyurin, O. N. Akulova, T. N. Kurskaya, "Electric polarization of Onsager fluids. II. Birefringence. 1. Kerr constants of pure substances", *Acta. Phys. Polonica A* **85**, 797 (1994).
6. V. V. Prezhdo, G. V. Tarasova, O. V. Prezhdo, S. A. Tyurin, O. N. Akulova, T. N. Kurskaya, "Electric polarization of Onsager fluids. I. Dipole polarization. 2. Binary solutions of organic compounds", *Acta Phys. Polonica A* **85**, 509 (1994).
5. V. Prezhdo, O. Prezhdo, E. Vaschenko, "Proton acceptor ability of compounds containing SO and $SO_2$ groups", *Phosphorus, Sulfur, Silicon Relat. Elem.* **95-96**, 417 (1994).
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3. V. V. Prezhdo, E. V. Vaschenko, O. V. Prezhdo, "Intermolecular H-bonding and electrical properties of molecules", *Chem. Phys. (Moscow)* **12**, 883 (1993) (in Russian).
2. V. V. Prezhdo, V. V. Bocharova, O. V. Prezhdo, "Intermolecular interactions influence on solvation enthalpy of non-electrolytes", *Theor. Exp. Chem. (Kiev)* **27**, 70 (1991) (in Russian).
1. O. A. Ponomarev, Y. F. Pedash, O. V. Prezhdo, "Comparative quantum-chemical analysis of spectral-luminescent properties of cumarin and carbostyril derivatives", *Russ. J. Phys. Chem.* **65**, 1849 (1991) (in Russian).

**Guest Editor**

4. *Journal of Chemical Physics*, Special Issue on Transport of Charge and Energy in Low Dimensional Materials, (2022). Co-editor with Efrat Lifshitz and Haiming Zhu.
3. *Chemical Physics* **481***,* Special Issue dedicated to Vladimir Cherniak, (2016). Co-editor with S. Tretiak.
2. *Journal of Physics - Condensed Matter*, Special Issue on "Theory of solar energy materials", (2014). Co-editor with K. Hyeon-Deuk.
1. *Surface Science*, Special Issue on "Graphene Surfaces and Interfaces", Volume 605, Issues 17-18 (2011).

**INVITED TALKS**: ~500 total

**At Scientific Conferences**

283. Nonadiabatic Molecular Dynamics with Machine Learning, 2025 West Coast Theoretical Chemistry Meeting, University of Nevada Reno, USA, May 10, 2025.
282. Nonadiabatic Molecular Dynamics with Machine Learning, Symposium on Nonadiabatic Dynamics in Materials, 3rd International Conference on Quantum Materials and Technologies (ICQMT2025), Fethiye, Turkey, April 26 – May 3, 2025.
281. Nonadiabatic Molecular Dynamics of Nanoscale Systems with Machine Learning, Symposium on Methods and applications on simulating excited states: molecular dynamics, spectroscopy and catalysis, Spring Meeting of the American Chemical Society, San Diego, USA, March 23-27, 2025.
280. Nonadiabatic Molecular Dynamics with Machine Learning, CECAM Flagship Workshop "Beyond ground state simulations: Navigating challenges in excited states of extended molecules and materials, EPFL Lausanne, Switzerland, November 5-8, 2024.
279. Quantum Dynamics with Machine Learning, Southern California Conference on Theoretical Chemistry, SoCal TheoChem (7th edition), University of California San Diego, October 5, 2024.
278. Nonadiabatic Molecular Dynamics with Machine Learning, MolSSI workshop on Machine-Learning in Quantum and Nonadiabatic Dynamics, University at Buffalo, August 15-16, 2024.
277. Ab Initio Quantum Dynamics of Electronic Excitations in Quantum Dots: Semiconducting, Metallic and Perovskites, Symposium on Computational Materials and Data Science for Nanotechnology, 22nd International Nanotech Symposium & Exhibition, NANO KOREA 2024, KINTEX, S. Korea, July 3–5, 2024.
276. Quantum Dynamics with Machine Learning, Global Conference on Materials in an Explosively Growing Informatics World, CIMTEC 2024, Montecatini Terme, Italy, June 20-24, 2024.
275. Nonadiabatic Molecular Dynamics with Machine Learning, Virtual Conference on Machine Learning in Chemical and Materials Sciences, May 20-23, 2024.
274. Quantum Dots: Semiconducting, Metallic and Perovskites, Symposium on Informed Design of Quantum Dots and Quantum Dot Assemblies for Energy Applications, Spring 2024 Meeting of the American Chemical Society, New Orleans, USA, March 17-21, 2024.
273. Nonadiabatic Molecular Dynamics with Machine Learning, VISTA Online Seminar Series (Virtual International Seminar on Theoretical Advancements), December 6, 2023.
272. Quantum Dynamics of Charge Carriers in Metal Halide Perovskites, Online NanoGe Conference "Device physics characterization and interpretation in perovskite and organic materials" (DEPERO), October 3-5, 2023.
271. Ab Initio Quantum Dynamics of Nanoscale Materials for Energy and Optoelectronic Applications, International Workshop on Recent Advances in Theoretical and Computational Sciences for Complex and Quantum Molecular Processes, Seoul, South Korea, June 27-30, 2023.
270. Quantum Dynamics in Nanocrystals: Semiconducting, Metallic and Perovskites, International School and Conference on Structure Design and Emergent Phenomena in Nanoparticles Assemblies: What's next?, Kavli Institute for Theoretical Physics, University of California at Santa Barbara, May 18, 2023.

269. Ab initio quantum dynamics in nanoscale materials: Key roles of defects, interfaces, surfaces and grain boundaries, Symposium on Charge Transfer and Energy Conversion at Interfaces and Defects, Spring 2023 Meeting of the American Chemical Society, Indianapolis, USA, March 26-30, 2023
268. Ab Initio Quantum Dynamics of Charge Carriers in Modern Photovoltaic Materials, Symposium on Device modeling in photovoltaics, International NanoGe Conference Materials for Sustainable Development, Valencia, Spain, March 6-10, 2023.
267. Nonadiabatic Molecular Dynamics with Machine Learning, The 2023 International Forum of Artificial Intelligence Chemistry, University of Science and Technology of China, January 6, 2023.
266. Quantum Dynamics at Nanoscale, Fifth SoCalTheoChem Symposium, University of California Riverside, USA, October 15, 2022.
265. Accelerating and Analyzing Nonadiabatic Molecular Dynamics by Machine Learning, Workshop on Machine Learning and Informatics for Chemistry and Materials, Telluride, CO, USA, October 3-7, 2022.
264. Theory and Applications of Nonadiabatic Molecular Dynamics (3 lectures), LightChEC (Solar Light to Chemical Energy Conversion) Summer School, Les Diablerets, Switzerland, September 4-8, 2022.
263. Excited State Dynamics in Nanoscale Materials, Symposium on Spectroscopy, Imaging, and Dynamics of Energy Related Materials, Fall 2022 Meeting of the American Chemical Society, Chicago, USA, August 21-25, 2022.
262. Chemical Bonding Steers Excited State Dynamics at Nanoscale Interfaces, International Conference on Chemical Bonding (ICCB-2022), Kauai, USA, August 11-26, 2022.
261. Excited State Dynamics in Carbon Nanotubes, 8th Workshop on Nanotube Optics and Nanospectroscopy (WONTON 2022), Madison, Wisconsin, USA, July 25-28, 2022.
260. Plasmon Driven Excited State Dynamics at Nanoscale Interfaces, CECAM workshop on Light-matter interaction and ultrafast nonequilibrium dynamics in plasmonic materials, University of Warwick, United Kingdom, July 18-22, 2022.
259. Ab Initio Quantum Dynamics in Nanoscale Materials, International Conference of Multi-scale Modeling and Simulation of Materials (ICM3 - 2022), Chengdu, China, July 4-8, 2022.
258. Ab Initio Quantum Dynamics of Nanoscale Systems Assisted by Machine Learning. Symposium on Computational Molecular Discovery, McGill University, Canada, June 1-3, 2022.
257. Modeling of Ultrafast Energy Transduction in Films and Interfaces. Annual Reporting Meeting of the USA Department of Defense, Virtual, March 7-8, 2022.
256. Ab initio quantum dynamics in nanoscale materials for solar energy harvesting. Symposium: Synergies between Theory, Experiment and Data Science towards Clean Energy. The International Chemical Congress of Pacific Basin Societies 2020 "A Creative Vision for the Future", Honolulu, HI, USA, December 16-21 2021 .
255. Accelerating and Analyzing Nonadiabatic Molecular Dynamics with Machine Learning. International Symposium on Machine Learning in Quantum Chemistry (SMLQC), Xiamen, China, November 11–14, 2021.
254. Quantum Dynamics of Charge Carriers in Metal Halide Perovskites, Moscow Autumn Perovskite Photovoltaics International Conference (MAPPIC-2021), October 11-13, 2021.
253. Ab Initio Quantum Dynamics in Nanoscale Materials and Interfaces, National SPIE Optics + Photonics Meeting, San Diego, August 1-5, 2021.

252. Excited State Dynamics in Hybrid Materials for Solar Energy Harvesting, International Workshop on Charge Transport and Excited State Processes in Organic Materials, University College London, June 21-25, 2021.
251. Quantum Dynamics in Nanoscale Materials for Solar Energy Harvesting, National Meeting of the American Chemical Society, April 5-16, 2021.
250. Ab Initio Quantum Dynamics in Modern Nanoscale Materials, National Meeting of the American Physical Society, March 15-19, 2021.
249. Ab Initio Quantum Dynamics in Modern Nanoscale Materials, The 3rd Workshop on Excited States in Condensed Matters (Online, sponsored by USTC), December 3, 2020.
248. Quantum Dynamics of Charge Carriers in Metal Halide Perovskites, Moscow Autumn Perovskite Photovoltaics International Conference (MAPPIC-2020), September 26-28, 2020.
247. Ab Initio Excited State Dynamics in Nanoscale Materials, Online Workshop by International Centre for Theoretical Physics (ICTP) on "Excited Charge Dynamics in Semiconductors", September 28-30, 2020.
246. Quantum Dynamics of Charge Carriers in Metal Halide Perovskites, International NanoGe Internet Conference "Theory and Computation of Halide Perovskites", September 8-9, 2020.
245. Excited State Dynamics in Hybrid Nanoscale Materials: Time-Domain Ab Initio Studies, 60th Sanibel Symposium, St. Simons Island, GA, February 16-21, 2020.
244. Ab Initio Nonadiabatic Molecular Dynamics for Nanoscale Materials: Theory and Applications, International Xiamen Workshop on Physical Chemistry (XMWPC) on "Excited-State Structure and Dynamics Theory of Complex Systems", Xiamen, China, December 11-14, 2019.
243. Time-Domain Atomistic Studies of Excitation Dynamics in Halide Perovskites, 55th Symposium on Theoretical Chemistry (STC), Rostock, Germany, September 22-26, 2019.
242. Ab Initio Nonadiabatic Molecular Dynamics for Nanoscale Materials: Theory and Applications, 10th Congress of the International Society of Theoretical Chemical Physics (ISTCP-X), Symposium on "Multiscale modeling including focused models", Tromso, Norway, July 11-17, 2019.
241. Ab Initio Nonadiabatic Molecular Dynamics for Nanoscale Materials, 102nd Canadian Chemistry Conference and Exhibition, Symposium on "Recent Developments in Quantum Molecular Dynamics Algorithms and Applications", Quebec City, Canada, June 3-7, 2019.
240. Time-Domain Atomistic Studies of Far-from-Equilibrium Dynamics in Nanoscale Materials for Solar Energy Harvesting, 41st DOE Solar Photochemistry P.I. Meeting, Gaithersburg, MD, June 3-5, 2019.
239. Charge Carrier Dynamics in Halide Perovskites: Time-Domain Ab Initio Studies, International Conference on "Hybrid and Organic Photovoltaics (HOPV19)", Rome, Italy, May 12-15, 2019.
238. Charge Carrier Dynamics in Halide Perovskites: Time-Domain Ab Initio Studies, National Meeting of the American Chemical Society, Symposium on "Simulations of Materials and Processes for Energy Applications", Orlando, FL, March 31-April 4, 2019.
237. Charge Carrier Dynamics in Halide Perovskites: Time-Domain Ab Initio Studies, International Conference on Nonlinear Optical Spectroscopy, International Center for Chemical Theory, University of Science and Technology of China, Hefei, China, January 5-6, 2019.

236. Real-Time TDDFT Combined with Nonadiabatic Molecular Dynamics: Theory and Applications to Photovoltaic Nanoscale Materials, National Meeting of the American Chemical Society, Symposium on "Recent Advances in DFT & TDDFT: Theory & Simulations", Boston, MA, August 19-23, 2018.
235. Excited State Dynamics of Photoexcited Charge Carriers in Halide Perovskites: Time-Domain Ab Initio Studies, National Meeting of the American Chemical Society, Symposium on "Computational Photocatalysis: Modeling of Photophysics & Photochemistry at Interfaces", Boston, MA, August 19-23, 2018.
234. Novel Approaches to Nonadiabatic Molecular Dynamics, National Meeting of the American Chemical Society, Symposium on "From Potential Energy Surfaces to Dynamics & Kinetics", Boston, MA, August 19-23, 2018.
233. Nonadiabatic Molecular Dynamics on the Nanoscale, International Workshop on Frontiers of Theoretical and Computational Physics and Chemistry, Southwest Jiaotong University, Emeishan City, Sichuan, China, July 1-4, 2018
232. Excited State Dynamics at Nanoscale Interfaces for Solar Energy Harvesting: Time-Domain Ab Initio Studies, International Conference "Modeling and Design of Molecular Materials 2018", Kudowa Zdroi, Poland, June 24-28, 2018.
231. Excited State Dynamics in Hybrid Halide Perovskites, International Workshop "Photoinduced processes in embedded systems", Pisa, Italy, June 24-27, 2018
230. Large-Scale Nonadiabatic Molecular Dynamics Computations, International Symposium on Exascale & Materials Genome Initiatives, Spetses, Greece, June 10-15, 2018.
229. Nonadiabatic Molecular Dynamics for Nanoscale Materials, MolSSI Workshop on Modular Software Infrastructure for Excited State Dynamics, Buffalo, NY, June 8-11, 2018.
228. Real-Time TDDFT Combined with Nonadiabatic Molecular Dynamics: Theory and Applications to Photovoltaic Nanoscale Materials, 2nd International Symposium on Molecular Design of Opto-Electronic Materials, Beijing, China, April 25-28, 2018.
227. Excited State Dynamics of Photoexcited Charge Carriers in Halide Perovskites: Time-Domain Ab Initio Studies, National MRS Meeting, Symposium on "Novel Materials Physics of Perovskite Semiconductors", Phoenix, AZ, April 2-6, 2018.
226. Excited State Dynamics at Nanoscale Interfaces for Solar Energy Harvesting: Time-Domain Ab Initio Studies, National Meeting of the American Chemical Society, Symposium on "Energy and Charge Transfer at Nanoscale Interfaces", New Orleans, LA, March 18-22, 2018.
225. Nonadiabatic Dynamics: Recent Developments and Applications to Nanoscale Materials, International Workshop "Nonadiabatica 2018", Jerusalem, Israel, March 12-15, 2018.
224. Non-adiabatic molecular dynamics applied to carrier and lattice excitation, Workshop on Multimodal Energy Flow at Atomically Engineered Interfaces, U. S. Army Research Laboratory, Adelphi, MD, December 15, 2017.
223. Excitation dynamics in nanoscale materials for solar energy harvesting, International Workshop on Charge carrier dynamics in nanostructures: optoelectronic and photo-stimulated processes, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Bremen, Germany, October 9-13, 2017.
222. Nonadiabatic dynamics at interfaces with organic semiconductors, International Workshop on Multiscale modelling of organic semiconductors: from elementary processes to devices, European Centre for Atomic and Molecular Computations

(CECAM - Centre Européen de Calcul Atomique et Moléculaire), Grenoble, France, September 12-15, 2017.

221. Nonadiabatic dynamics in nanoscale materials with real-time TDDFT, Nano Korea 2017 International Meeting, Satellite Symposium, Seoul, South Korea, July 14, 2017.
220. Excitation dynamics at nanoscale interfaces, Nano Korea 2017 International Meeting, Seoul, South Korea, July 12-13, 2017.
219. Excitation dynamics at nanoscale interfaces, American Chemical Society Great Lakes Regional Meeting, Symposium on " Photophysics and Photochemistry of Interfaces ", Fargo, ND, June 27-30, 2017.
218. Chemical bonding steers excited state dynamics in nanoscale materials, International Conference on Chemical Bonding, Kauai, HI, June 22-26, 2017.
217. Nonadiabatic dynamics in nanoscale materials with real-time TDDFT, International Workshop on Spectroscopy and Dynamics of Photoinduced Electronic Excitations, Trieste, Italy, May 8-12, 2017.
216. Nonadiabatic dynamics in nanoscale materials with real-time TDDFT, National Meeting of the American Chemical Society, Symposium on "Sunlight-Driven Processes: Exposing the Mechanisms Underlying Productive Photoactivities", San Francisco, CA, April 2-6, 2017.
215. Nonadiabatic dynamics in nanoscale materials with real-time TDDFT, National Meeting of the American Physical Society, Symposium on "First-principles modeling of excited-state phenomena in materials", New Orleans, LA, March 13-17, 2017.
214. Nonadiabatic dynamics in nanoscale materials with real-time TDDFT, International Symposium on Ultrafast Dynamics in Molecular and Material Sciences, Okazaki, Japan, March 5-9, 2017.
213. Far-from-equilibrium dynamics in carbon nanomaterials, 2016 China International Carbon Materials Conference, Sheraton Shanghai Waigaoqiao Hotel, China, December 8-9, 2016.
212. Excitation dynamics in nanoscale materials for solar energy harvesting, International Workshop on Approximate Quantum Methods in the ab initio World, Beijing Computational Science Research Center, Beijing, China, November 8-11, 2016.
211. Excitation dynamics in nanoscale materials for solar energy harvesting, International Workshop on Computational Insight into Photoinduced Processes at Interfaces, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Bremen, Germany, October 10-14, 2016.
210. Excitation dynamics in nanoscale materials for solar energy harvesting, International Conference on Charge Carrier Dynamics at the Nanoscale (CCDNano16), Berlin, Germany, September 12-13, 2016.
209. Excitation dynamics in nanoscale materials for solar energy harvesting, National Meeting of the American Chemical Society, Symposium on “Computational Chemistry for Energy Application”, Philadelphia, PA, August 21-25, 2016.
208. Excitation dynamics at nanoscale interfaces, International Workshop “From Photosynthesis to Photovoltaics: Theoretical Approaches for Modelling Supramolecular Complexes and Molecular Crystals”, Ban Honnef, Germany, July 26-29, 2016.
207. Excitation dynamics at nanoscale interfaces for solar energy harvesting, International Workshop on Research Opportunities in Photochemistry, Solar Energy and Advanced X-ray Methods, SLAC, Stanford University, Palo Alto, CA, June 16-17, 2016.

206. Excitation dynamics at nanoscale interfaces for solar energy harvesting, 7th International Conference on Excited State Processes in Electronic and Bio-nanomaterials (ESP-2016), Santa Fe, NM, June 13-16, 2016.
205. Excitation dynamics at nanoscale interfaces for solar energy harvesting, Department of Energy (DOE) Solar Photochemistry Research Meeting, Gaithersburg, MD, June 6-9, 2016.
204. Nonadiabatic molecular dynamics for condensed phase simulations, 1st Southern California Theoretical Chemistry Symposium, University of California San Diego, La Jolla, CA June 4, 2016.
203. Nonadiabatic molecular dynamics with time-domain density functional theory, International Workshop on Kinetic Description of Emerging Challenges in Multiscale Problems of Natural Sciences, KI-Net, Yale University, New Haven, CT, May 13-16, 2016.
202. Excitation dynamics at nanoscale interfaces, International Workshop on Ultrafast Phenomena in Quantum Physics: a Challenge for Theory and Experiment, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Lausanne, Switzerland, April 11-16, 2016.
201. Recent developments in nonadiabatic molecular dynamics, National Meeting of the American Chemical Society, Symposium on "Time-Dependent Dynamics and Excited States", San Diego, CA March 13-17, 2016.
200. Excitation dynamics in nanoscale materials, National Meeting of the American Chemical Society, Symposium on "Application of Computational Chemistry for Energy and Fuel Production", San Diego, CA March 13-17, 2016.
199. Excitation dynamics in nanoscale materials, 2016 International Mesilla Workshop on "Electrochemical Processes: Photovoltaics and Charge Transfer in Nanomaterials", Mesilla, NM, January 30-February 3, 2016.
198. Nonadiabatic dynamics of singlet fission, International Pacifichem Conference, Symposium on "Singlet Fission", Honolulu, HI, December 15-20, 2015.
197. Photoinduced dynamics in nanoparticles, International Pacifichem Conference, Symposium on "Modeling and Analyzing Exciton and Charge Dynamics in Molecules and Clusters'", Honolulu, HI, December 15-20, 2015.
196. Recent developments in nonadiabatic molecular dynamics, International Pacifichem Conference, Symposium on "Recent Progress in Molecular Theory for Excited-State Electronic Structure and Dynamics", Honolulu, HI, December 15-20, 2015.
195. Excitation dynamics at nanoscale interfaces, International Pacifichem Conference, Symposium on "Dynamical Processes of Light Harvesting Surfaces", Honolulu, HI, December 15-20, 2015.
194. Persistent electronic coherence despite rapid loss of electron-nuclear correlation, International Pacifichem Conference, Symposium on "Quantum Coherence in Energy Transfer", Honolulu, HI, December 15-20, 2015.
193. Excitation dynamics in nanoscale materials, Symposium on "Fundamental Principles of Designing and Application of Multi-Functional Materials", Emerson Center, Emory University, Atlanta, GA, October 5, 2015.
192. Time-domain density functional theory and nonadiabatic molecular dynamics of nanoscale materials, International Psi-K Conference, San Sebastian, Spain, September 6-10, 2015.
191. Quantum dots – artificial atoms, molecules or small pieces of bulk, International Summer School on Computation of Excited States, San Sebastian, Spain, September 1-4, 2015.

190. Novel approaches for nonadiabatic molecular dynamics, International Summer School on Computation of Excited States, San Sebastian, Spain, September 1-4, 2015.
189. Excited state dynamics at metal oxide interfaces, 11th Pacific Rim Conference of Ceramic Societies, Jeju, South Korea, August 30-September 4, 2015.
188. Excited state dynamics at the nanoscale, International Workshop "Nanoscale Assemblies of Semiconductor Nanocrystals, Metal Nanoparticles and Single Molecules: Theory, Experiment and Application" (NANOSA15), Max-Planck-Institute for the Physics of Complex Systems, Dresden, August 24-28, 2015.
187. Nonadiabatic molecular dynamics of nanoscale interfaces, National Workshop on Theoretical Approaches to Energy Conversion, University of Pennsylvania, Philadelphia, PA, July 29-31, 2015.
186. Novel approaches for nonadiabatic molecular dynamics, International Max Planck Research School for Dynamical Processes in Atoms, Molecules and Solids, Prague, Czech Republic, July 12-15, 2015.
185. Excitation dynamics on the nanoscale, International Max Planck Research School for Dynamical Processes in Atoms, Molecules and Solids, Prague, Czech Republic, July 12-15, 2015.
184. The role of chemical bonding on excited state dynamics in nanoscale materials, International Conference on Chemical Bonding, Kauai, HI, July 2-6, 2015.
183. Excitation dynamics at the nanoscale, International Workshop on Functional Materials ASFM 2015, Photochemistry Center of the Russian Academy of Science, Moscow, Russia, June 23-24, 2015.
182. Excitation dynamics at nanoscale interfaces, International Conference “Advances in Modeling of Nano Materials, Hefei, China, June 14-15, 2015.
181. Excitation dynamics at nanoscale interfaces, Plenary Lecture, 15th International Congress of Quantum Chemistry, Beijing, China, June 8-13, 2015.
180. Excited state dynamics in nanomaterials for solar energy applications, International Conference “Energy Materials Nanotechnology” ENM-2015, Cancun, Mexico, June 8-11, 2015.
179. Novel Approaches to Nonadiabatic Molecular Dynamics, International Workshop on Perspectives of Many-Particle Methods: Total Energy, Spectroscopy and Time-Dependent Dynamics, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Bremen, Germany, April 20-24, 2015.
178. Novel Approaches to Nonadiabatic Molecular Dynamics, Symposium on Computational Chemical Dynamics: Advancing Our Understanding of Chemical Processes in Gas-Phase, Biomolecular, and Condensed-Phase systems, National Meeting of the American Chemical Society, Denver, March 22-26, 2015.
177. Photoinduced Dynamics at Metallic and Semiconducting Nanoparticles: Time-Domain Ab Initio Studies, Symposium on Plasmonic Catalysis and Sensing, National Meeting of the American Chemical Society, Denver, March 22-26, 2015.
176. Nonadiabatic Molecular Dynamics of Singlet Fission and Charge Separation, Symposium on Electronic Structure Methods for Highly Polarizable Systems, National Meeting of the American Chemical Society, Denver, March 22-26, 2015.
175. Excited state dynamics at complex interfaces: time-domain ab initio studies, Symposium on Modeling Excited States of Complex Systems, National Meeting of the American Chemical Society, Denver, March 22-26, 2015.

174. Exited state dynamics at nanoscale interfaces, International Workshop on Photoactive Materials, Photochemistry Center of Russian Academy of Sciences, Moscow, Russia, Dec 10-11
173. Exited state dynamics at nanoscale interface. XIXth International Workshop on Quantum Systems in Chemistry Physics and Biology (QSCP XIX), at Tamkang University, Tamsui, Taiwan, November 11-17, 2014.
172. Quantum dots – artificial atoms, molecules, or small pieces of bulk, IUMRS-ICYRAM2014, Haikou, China, Oct 23-27, 2014.
171. Non-adiabatic dynamics of electron and energy transfer at organic/inorganic interfaces. Symposium on Renewable Energy Generation at the Interface between Theory and Experiment, National Meeting of the American Chemical Society, San Francisco, August 10-14, 2014.
170. Excited state dynamics in semiconductor quantum dots. Symposium on Applications of Theoretical Chemistry for Energy and Fuel Production, National Meeting of the American Chemical Society, San Francisco, CA, August 10-14, 2014.
169. Chemical bonding steers excited state dynamics in nanoscale materials. International Conference on Chemical Bonding, Kauai, HI, July 24-28, 2014.
168. Quantum dots – artificial atoms, molecules or small pieces of bulk. International Nanocrystals Conference. Dominican Republic, July 13-16, 2014.
167. Quantum dynamics of solar energy materials. VIth International Conference on Modeling and Design of Molecular Materials, Kurowa Zdroj, Poland, June 29-July 3, 2014.
166. Energy and charge transfer at nanoscale interfaces. International Workshop on Nanostructured Zinc Oxide and Related Materials, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Bremen, Germany, June 23-27, 2014.
165. Photoinduced dynamics at organic/inorganic interfaces: time-domain ab initio studies. International Meeting on Energy Material Nanotechnology, Cancun, Mexico, June 9-12, 2014.
164. Long-lived coherence despite rapid loss of electron-nuclear correlation. International Workshop on Investigating Fine Quantum Effects in Biological Systems: Towards Synergy between Experimental and Theoretical Approaches, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Paris, France, May 28-30, 2014.
163. Advances in non-adiabatic molecular dynamics. Workshop on Theoretical and Practical Challenges in Nonadiabatic Quantum Dynamics, City University of New York, NY, May 22, 2014.
162. Quantum dots: artificial atoms, molecules, or small pieces of bulk, National Meeting of the American Physical Society, Denver, CO, March 3-7, 2014.
161. Time-domain ab initio studies of light-harvesting and charge transfer in nanoscale materials for photovoltaic and photocatalytic applications, International Workshop on Quantum Dynamics in Molecular and Nano-Materials: Mechanisms and Functionality, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Tel Aviv, November 28 – December 1, 2013.
160. Photon-to-electron conversion with nanoscale carbon materials: Time-domain ab initio studies, International Workshop on Structure-property relationships of molecular precursors to organic electronics, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Lausanne, Switzerland, October 22-25, 2013.

159. Photoinduced water splitting: insights from time-domain ab initio simulations. Symposium on Computational Photocatalysis, National Meeting of the American Chemical Society, Indianapolis, September 8-12, 2013.
158. Excited electron dynamics at semiconductor interfaces. Frank Willig Memorial Session, Symposium on Physical Chemistry of Solar Energy Conversion, National Meeting of the American Chemical Society, Indianapolis, September 8-12, 2013.
157. Nanoscale carbon for DNA sequencing and drug delivery. Session on Biological Applications of Quantum-Mechanical Methods, 8th Symposium of the International Society for Theoretical Chemical Physics, Budapest, Hungary, August 25-31, 2013.
156. Non-adiabatic molecular dynamics and time-domain DFT: theory and applications to photovoltaic materials. International Workshop on Non-adiabatic dynamics, non-equilibrium phenomena and spectroscopy, Telluride, CO, July 22-26, 2013.
155. Quantum dots – artificial atoms, molecules or small pieces of bulk? 5th International Symposium on Methods and Applications of Computational Chemistry (MACC-5), Kharkiv, Ukraine, July 1-5, 2013.
154. Nanoscale carbon for DNA sequencing and drug delivery. International workshop on Novel Approaches to DNA Sequencing, Nordic Institute for Theoretical Physics (NORDITA), Stockholm, Sweden, June 9-14, 2013
153. Time-domain ab initio modeling of photovoltaic and photocatalytic processes in nanoscale materials. Solar Photochemistry Research Conference, Annapolis, Maryland, June 2-5, 2013.
152. Time-dependent density functional theory for non-adiabatic molecular dynamics. International Conference on Time-Dependent Density Functional Theory: Applications and Developments, Nantes, France, April 23-26, 2013.
151. Elastic and inelastic electron-phonon scattering in semiconductor quantum dots, Focus Session on "Electron-phonon interaction and ultrafast processes in semiconductors", National Meeting of the German Physical Society, Regensburg, Germany, March 10-15, 2013.
150. Elastic and inelastic exciton-phonon scattering in nanoscale materials, International Workshop on Exciton Dynamics in Natural and Man-made Systems, Ein-Gedi, Israel, February 17-21, 2013.
149. Excited state dynamics in semiconductor quantum dots, School on Light Harvesting, Ein-Gedi, Israel, February 11-15, 2013.
148. Non-adiabatic molecular dynamics with time-domain density functional theory, School on Light Harvesting, Ein-Gedi, Israel, February 11-15, 2013.
147. Elastic and inelastic electron-phonon scattering in semiconductor quantum dots: Insights from time-domain ab initio studies. International Workshop on Computational Methods for Complex Systems, The University of Hong Kong, December 9-12, 2012.
146. Elastic and inelastic electron-phonon scattering in nanoscale materials, International Workshop on "Vibrational coupling: most important, often ignored, and a challenge for ab-initio theory", European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Lausanne, Switzerland, November 6-9, 2012.
145. Quantum dot solar cells, North-East Regional Meeting (NERM) 2012, American Chemical Society 38th Northeast Regional Meeting, Rochester, NY, September 30-October 3, 2012.

144. Quantum dots – artificial atoms, molecules or small pieces of bulk? International Conference on Theory and Applications of Computational Chemistry (TACC 2012), Italy, September 2-9, 2012.
143. Nonadiabatic molecular dynamics with time-domain DFT: Theory and applications to photovoltaic materials, Symposium on Theory and Simulation in Energy and Fuel Production and Utilization, 224th National Meeting of the American Chemical Society, Philadelphia, PA, August 19-23, 2012.
142. Nanoscale carbon materials for photovoltaic and therapeutic applications, Symposium on Electron Transfer Processes in Energy Production and Application, 224th National Meeting of the American Chemical Society, Philadelphia, PA, August 19-23, 2012.
141. Electron and energy transfer dynamics at TiO2 interfaces: Time-domain ab initio studies, Symposium on Electron and Energy Transfer Phenomena: At the Intersection of Electronic Structure Theory and Chemical Dynamics, 224th National Meeting of the American Chemical Society, Philadelphia, PA, August 19-23, 2012.
140. Quantum dots – artificial atoms, large molecules or small pieces of bulk? Insights from time-domain ab initio studies, Symposium on Synthesis, Spectroscopy and Applications of Nanocrystals and Nanowires, 224th National Meeting of the American Chemical Society, Philadelphia, PA, August 19-23, 2012.
139. Quantum dots – artificial atoms, large molecules or small pieces of bulk? 25th Canadian Symposium on Theoretical and Computational Chemistry, Guelph, ON, Canada, July 22-27, 2012.
138. Quantum dots – artificial atoms, large molecules or small pieces of bulk? Insights from time-domain ab initio studies, International Workshop on Nanomaterials: Theory and Computation, Telluride, Colorado, USA, July 16-20, 2012.
137. Time-Domain Ab Initio Studies of Excited State Dynamics at $TiO_2$ Interfaces. 2nd Thomas Young Center International Workshop on Charge Transfer for Energy Applications: Experiment, Theory and Computation, London, UK, June 6-8, 2012.
136. Ab Initio Studies of Multiple Exciton Generation in Semiconductor Quantum Dots. 7th International Conference on Quantum Dots, Santa Fe, NM, May 13-18, 2012.
135. Time-Domain Ab Initio Studies of Excited State Dynamics at $TiO_2$ Interfaces. National Meeting of the American Electro-Chemical Society, Seattle, WA, May 6-11, 2012.
134. Time-Domain Ab Initio Studies of Excited State Dynamics at $TiO_2$ Interfaces. Symposium on Nanoscale Materials Modification by Photon, Ion and Electron Beams. International Meeting of the American Materials Society (MRS) and the Japan Society of Applied Physics, San Francisco, CA, April 9-13, 2012.
133. Quantum Dots – Artificial Atoms, Molecules or Small Pieced of Bulk? Symposium on Polymer Based Hybrid Materials for Energy Conversion, Storage, and Transmission, National Meeting of the American Chemical Society, San Diego, CA, March 25-29, 2012.
132. Excited State Dynamics at Interfaces of $TiO_2$ with a variety of chromophores. Symposium on Solar Energy Conversion and Utilization for Fuels and Energy Production, National Meeting of the American Chemical Society, San Diego, CA, March 25-29, 2012.
131. Nanoscale Carbon Materials for Energy Production and Storage. Symposium on Theory and Simulation in Energy Production, Storage and Utilization, National Meeting of the American Chemical Society, San Diego, CA, March 25-29, 2012.
130. Excited State Dynamics at $TiO_2$ Interfaces. 52nd Sanibel Symposium, St. Simons Island, GA, February 19-24, 2012.
129. Time-Domain Density Functional Theory of Electron-Phonon Dynamics in Semiconductor Quantum Dots. International Workshop on Time-Dependent Density

Functional Theory, Centro de Ciencias de Benasque Pedro Pascual, Benasque, Spain, January 13-16 2012.

128. Excited State Dynamics on the Nanoscale. 16th International Workshop on Quantum systems in Chemistry and Physics (QSCP-XVI), Kanazawa, Japan, Sept. 11-17, 2011.
127. Quantum Dots – Artificial Atoms, Molecules or Small Pieces of Bulk? Symposium on Modeling and Simulation of Nanostructures, International Conference on Nanoscience & Technology (ChinaNANO 2011), Beijing, China, September 7-9, 2011.
126. Quantum Dots – Artificial Atoms, Molecules or Small Pieces of Bulk? 7th Congress of the International Society for Theoretical Chemical Physics (ISTCP-VII), Tokyo, Japan, Sept. 2-8, 2011.
125. Time-Domain Ab Initio Studies of Excited State Dynamics at $TiO_2$-Molecule and $TiO_2$-Quantum Dot Interfaces. Symposium on Computational Modeling of Photocatalysis and Photovolaics, National Meeting of the American Chemical Society, Denver, CO, August 28-September 1, 2011.
124. Excited State Dynamics in Nanoscale Carbon Materials. Symposium on Excited-State Dynamics: Theory and Experiment, National Meeting of the American Chemical Society, Denver, CO, August 28-September 1, 2011.
123. Excited State Dynamics in Nanoscale Carbon Materials. Symposium on Physical Chemistry of Interfaces and Nanomaterials, International Society for Optical Engineering (SPIE), San Diego, CA, August 21-25, 2011.
122. Quantum Dot Solar Cells. Symposium on Solar Hydrogen and Nanotechnology International Society for Optical Engineering (SPIE), San Diego, CA, August 21-25, 2011.
121. Time-Domain Kohn-Sham Theory for Nanoscale Materials. Gordon Research Conference on "Time-Dependent Density Functional Theory", Biddeford, Maine, August 14-19, 2011.
120. Quantum Dots – Artificial Atoms, Molecules or Small Pieces of Bulk? Symposium on Computational Nanomaterial Science, IUPAC meeting, San Juan, PR, July 29 - August 5, 2011.
119. Quantum Dots – Artificial Atoms, Molecules or Small Pieces of Bulk? Gordon Research Conference on Clusters, Nanostructures & Nanocrystals, Mount Holyoke College, South Hadley, MA, July 24-29, 2011.
118. Breather Modes and Smoluchowski Equation Studied by Quantized Hamilton Dymamics, International Workshop on "Non-adiabatic dynamics, non-equilibrium phenomena and spectroscopy", Telluride, CO, July 4-8, 2011.
117. Excited State Dynamics in Semiconductor Quantum Dots, International Workshop on "Spectroscopy and quantum phenomena in large molecular aggregates", European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Bremen, Germany, June 27-30, 2011.
116. Quantum Dot Solar Cells – Insights from Time-Domain Ab Initio Modeling, National Meeting of the American Physical Society, Symposium on "Electronic Structure and Applications to Energy Conversion", Dallas, TX, March 21-25, 2011.
115. Nanoscale Carbon for DNA Sequencing and Drug Delivery, National Meeting of the German Physical Society, Symposium on "Transport and Spectroscopy in Molecular Nanostructures", Dresden, Germany, March 13-18, 2011.
114. Coherence and Decoherence in Nanoscale Materials, International Pacifichem Conference, Symposium on "Quantum Coherence and its Control in Condensed Phases", Honolulu, HI, December 15-20, 2010.

113. Quantum Dot Solar Cells: A Time-Domain Ab Initio Study, International Zing Conference on Solar Fuels and Photochemistry, Mexico, December 1-4, 2010.
112. Nonadiabatic Molecular Dynamics with Time-Domain Density Functional Theory, International Workshop on Adiabatic and Non-adiabatic Methods in Quantum Dynamics, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Lausanne, Switzerland, November 1-3, 2010.
111. Carbon Materials for Solar Energy Harvesting and Storage. International Workshop on "Energy Materials: Electrical- and Photo-Chemical Interfaces and Devices", London, UK, September 7-9, 2010.
110. Time-Domain Ab Initio Studies of Photoinduced Electron Transfer at Molecule-$TiO_2$ Interfaces. International Workshop on "Titania for Photovoltaics", European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Bremen, Germany, September 6-10, 2010.
109. Time-Domain Ab Initio Studies of Quantum Dots and Molecule-Bulk Interfaces for Solar Energy Harvesting, 240 National Meeting of the American Chemical Society, Symposium on "Inorganic-Organic Photocells", Boston, MA, August 22-26, 2010.
108. Excited State Dynamics in Semiconducting and Metallic Quantum Dots: A Time-Domain Ab Initio Perspective, 240 National Meeting of the American Chemical Society, Symposium "Nano Letters: The Next Ten Years", Boston, MA, August 22-26, 2010.
107. Theoretical Studies of Ultrafast Dynamics in Carbon Nanoscale Materials for Energy Harvesting and Storage, 240 National Meeting of the American Chemical Society, Symposium on "Molecular Models for Energy Conversion and Storage", Boston, MA, August 22-26, 2010.
106. Vibronic Interactions in Nanomaterials: Time-Domain Ab Initio Studies. 22nd International Conference on Raman Spectroscopy (ICORS 2010), Boston, MA, August 8-13, 2010.
105. Photoinduced Electron Transfer at Molecule-Semiconductor Interfaces: A Time-Domain Ab Initio Perspective. Gordon Research Conference on Electron Donor-Acceptor Interactions, August 8-12, 2010.
104. Dynamics in Quantum Dots for Solar Energy Harvesting. National Meeting of the International Society for Optical Engineering (SPIE), Symposium on Physical Chemistry of Interfaces and Nanomaterials, San Diego, CA, August 2-5, 2010.
103. Time-Domain Ab Initio Study of Excited State Dynamics of the Wet Electron. Northwest Regional Meeting of the American Chemical Society, Symposium on "Solar Energy Conversion", Pullman, WA, June 20-23, 2010.
102. Dynamics in Nanoscale Materials for Solar Energy Harvesting and Storage. 32nd Department of Energy (DOE) Solar Photochemistry Research Meeting, Annapolis, MD, June 6-9, 2010.
101. Decoherence in Nanoscale Materials. National Meeting of the Canadian Society for Chemistry, Workshop on "Coherence and Decoherence in Molecular Processes", Toronto, Canada, May 29 - June 2, 2010.
100. Nonadiabatic Molecular Dynamics within Kohn-Sham Time-Domain Density Functional Theory: Methodology and Applications to Quantum Dots. International Workshop on Quantum Transport and Dynamics in Materials and Biosystems: From Molecular Mechanisms to Mesoscopic Functionality, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Dublin, Ireland, May 12-15, 2010.

99. Nanoscale Carbon for DNA Sequencing and Drug Delivery. International Workshop on "Bio-Functionalized Nanomaterials: Bio Helps Nano", Santa Fe, NM, April 26-28, 2010.
98. Time-Domain Ab Initio Studies of Photoinduced Dynamics in Quantum Dots and Chromophore-Semiconductor Interfaces. National Meeting of the American Physical Society, Focus Topic Session on "Physics and Materials for Inorganic Photovoltaics", Portland, OR, March 15-19, 2010.
97. Semiclassical and Quantum-Classical Approaches to Nonadiabatic Molecular Dynamics. International Workshop on "Quantum-Classical Modeling of Chemical Phenomena", Center for Scientific Computation and Mathematical Modeling (CSCAMM), University of Maryland, March 8-11, 2010
96. Nonadiabatic Dynamics with Time-Domain Density Functional Theory. 2010 Mesilla Chemistry Workshop on "Electronic Non-Adiabatic Dynamics", February 7-10, 2010.
95. Novel Nanoscale Materials for Solar Energy Harvesting and Storage: Time-Domain Ab Initio Studies. 2nd Annual Scientific Meeting on "Solar Fuels and Energy Storage, the Unmet Needs", The Solar Energy Research Center, University of North Carolina at Chapel Hill, January 15-16, 2010.
94. Photoinduced Dynamics at Chromophore-Semiconductor Interfaces: A Time-Domain Ab Initio Perspective. International Workshop in "Molecular Photoreactivity on Metal-Oxide Surfaces from First Principles", Madrid, Spain, December 4-5, 2009.
93. Dynamics on the Nanoscale: Time-Domain Ab Initio Studies. International Conference "Modern Problems of Solution Physical Chemistry and Electrochemistry", 80th anniversary of Institute for Chemistry, Kharkiv University, Kharkiv, Ukraine, December 1-4, 2009.
92. Parallel Computing Implementation of Nonadiabatic Molecular Dynamics for Time-Domain Density Functional Theory, Workshop on High-Performance Computational Nano Science (HPCNano), Supercomputing Conference, Portland, Oregon, November 15, 2009
91. Photoinduced processes at molecule-semiconductor interfaces and quantum dots for photovoltaic applications, Symposium on "Functionalizing Nanostructures towards Novel Paradigms for Energetics", 26th European Conference on Surface Science (ECOSS 26), Parma, Italy, August 30, September 4, 2009.
90. Semiclassical approaches for excited state dynamics in nanoscale materials, International Symposium on Quantum Simulations, Center for Scientific Computing and Department of Mathematics, University of Warwick, UK, August 24-28, 2009.
89. Fundamental processes in quantum dots for solar energy conversion, National Meeting of the American Chemical Society, Symposium on The Physical Chemistry of Photon to Fuel Conversion, Washington, D.C., August 16-20, 2009.
88. Excitation dynamics in carbon nanotubes and graphene nanoribbons, Symposium on Carbon Nanotubes, Graphene, and Associated Devices, International Society for Optical Engineering (SPIE), San Diego, CA, August 2-6, 2009.
87. Photoinduced processes at molecule-semiconductor interfaces: a time-domain ab initio perspective, Symposium on Physical Chemistry of Interfaces and Nanomaterials, International Society for Optical Engineering (SPIE), San Diego, CA, August 2-6, 2009.
86. Dynamics on the nanoscale: time-domain ab initio studies, International Workshop on Condensed Phase Dynamics, Telluride, July 20-24, 2009.
85. Excitation dynamics in quantum dots and carbon nanotubes, National Meeting on "Excited State Processes in Electronic and Bio Nanomaterials" (ESP-2009), New Mexico, USA, June 29-July 2, 2009.

84. Quantum dot solar cells. 31st Solar Photochemistry Program Meeting, Department of Energy, Annapolis, MD, June 7-10, 2009.
83. Excitation dynamics in semiconductor quantum dots. International Conference on Dynamics and Structure in Physics and Chemistry, honoring 70th birthday of Prof. I. V. Krivoshei, Kharkiv, Ukraine, May 25-28, 2009.
82. Time-domain ab initio studies of excitation dynamics in carbon nanotubes and nanoribbons. National Meeting of the American Physical Society, Nanotube Session, Pittsburgh, March 16-20, 2009.
81. Theoretical modeling of novel photovoltaic materials: Chromophore-semiconductor interfaces and quantum dots. International School on Hybrid Organic/Inorganic Materials for Applications in Photovoltaics, Valencia, March 9-11, 2009.
80. Time-domain studies of quantum dynamics in complex chemical systems. International Workshop on Coherence, Control, and Dissipation, IMA, University of Minnesota, Minneapolis, MN, March 2-6, 2009.
79. Novel approaches to non-adiabatic molecular dynamics of nanomaterials. International Workshop on Chemical Dynamics: Challenges and Approaches, IMA, University of Minnesota, Minneapolis, MN, January 12-16, 2009.
78. Novel materials for solar energy harvesting: Insights from time-domain ab initio studies. NSF Workshop "Scientific Challenges in Solar Energy Conversion and Storage", IMA, University of Minnesota, Minneapolis, MN, November 1, 2008.
77. Novel materials for solar energy harvesting: Insights from time-domain ab initio studies. International Workshop on Solar Energy Conversion, Trieste, Italy, October 27-29 2008
76. Ab initio studies of multiple-exciton generation and charge relaxation in semiconductor quantum dots. International Meeting of the Electrochemical Society, Honolulu, HI, October 12-17, 2008.
75. Time-domain ab initio studies of excitation and charge relaxation in single-wall carbon nanotubes. International Meeting of the Electrochemical Society, Honolulu, HI, October 12-17, 2008.
74. Photoinduced charge dynamics at chromophore-semiconductor interfaces. International Meeting of the Electrochemical Society, Honolulu, HI, October 12-17, 2008.
73. Dynamics on the nanoscale, First International Symposium "Supramolecular and NanoChemistry: Toward Applications" (SNCTA-2008), Kharkiv, Ukraine August 25-29, 2008.
72. Time-domain ab initio studies of excitation dynamics in quantum dots and carbon nanotubes, Symposium on Solar Hydrogen and Nanotechnology, International Society for Optical Engineering (SPIE), San Diego, CA, August 10-14, 2008.
71. Theoretical studies of photoinduced electron dynamics at chromophore-semiconductor interfaces, Symposium on Physical Chemistry of Interfaces and Nanomaterials, International Society for Optical Engineering (SPIE), San Diego, CA, August 10-14, 2008
70. Dynamics on the nanoscale, Royal Society Discussion Meeting on Molecular Dynamics for Non-Adiabatic Processes, Great Britain, July 21-26, 2008.
69. Excitation dynamics in quantum dots and carbon nanotubes, 6th Congress of the International Society for Theoretical Chemical Physics (ISTCP-VI), Vancouver, BC, Canada, July 19-24, 2008.
68. The biological catch-bond International Workshop on Condensed Phase Dynamics, Telluride, July 6-11, 2008.

67. Dynamics on the nanoscale, International Workshop on "Modeling of Complex Systems", Perugia, Italy, May 1-4, 2008.
66. Photoinduced electron dynamics at chromophore-TiO2 interfaces, National Meeting of the American Chemical Society, New Orleans, April 6-10, 2008.
65. Photoexcitation dynamics in carbon nanotubes, National Meeting of the American Physical Society, New Orleans, March 10-14, 2008.
64. Excitation dynamics on the nanoscale, International "Sanibel" Symposium, Florida, February 21-26, 2008.
63. Electron-nuclear dynamics using time-dependent density functional theory, International Workshop on "Time-dependent density functional theory", Eilat, Israel, December 16-21, 2007.
62. Excitation dynamics in quantum dots and carbon nanotubes, National Meeting of the Japanese Chemical Society, Sendai, Japan, September 17-21, 2007.
61. Quantized Hamilton dynamics, 234th National Meeting of the American Chemical Society, Symposium "Quantum Mechanics and Statistical Mechanics: Can One Avoid the Other?", Boston, MA August 19-23, 2007.
60. Dynamics on the nanoscale, International Workshop on "Condensed phase quantum dynamics", European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Dublin, Ireland, August 7-10, 2007.
59. Quantized Hamilton dynamics, International Workshop on "Non-adiabatic dynamics, non-equilibrium phenomena and spectroscopy", Telluride, CO, July 23-28, 2007.
58. Non-adiabatic molecular dynamics with time-dependent density-functional theory, Gordon Research Conference on Time-Dependent Density-Functional Theory, Colby College, MN, July 15-20, 2007.
57. Dynamics on the nanoscale, 2nd International Symposium on "Methods and Applications of Computational Chemistry", Kyiv, Ukraine, July 2-4, 2007.
56. Dynamics on the nanoscale, International Conference "Modern Physical Chemistry for Advanced Materials" devoted to the 100th anniversary of Professor Nikolai Izmailov, Kharkiv, Ukraine, June 26-30, 2007.
55. Excitation dynamics in dye-sensitized and quantum dot solar cells, Solar Photochemistry Conference, Department of Energy, Arlie, VA, June 10-13, 2007.
54. Time-domain ab initio studies of electron-phonon relaxation in carbon nanotubes, American Physical Society, Symposium on Carbon Nanotubes and Related Materials, Denver, CO, March 5-9, 2007.
53. Nonadiabatic dynamics in nanoscale materials, International Workshop on Quantum Transport and Non-adiabatic Electron Evolution from First Principles Approaches, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Lyon, France, December 4-8, 2006.
52. Phonon-induced relaxation of charge carriers in carbon nanotubes, International Workshop on Electronic and Vibrational Interactions in Carbon Nanotubes, Santa Fe, NM Sept. 6-8, 2006.
51. Phoexcitation dynamics in quantum dots and carbon nanotubes, International Symposium on Physical Chemistry of Interfaces and Nanomaterials by the International Society for Optical Engineering (SPIE), San Diego, CA, August 13-17, 2006.
50. Real-time ab initio studies of photoinduced electron injection across molecule-semiconductor interfaces, International Symposium on Physical Chemistry of Interfaces and Nanomaterials by the International Society for Optical Engineering (SPIE), San Diego, CA, August 13-17, 2006.

49. Relaxation dynamics in quantum dots and carbon nanotubes, National Workshop on Condensed Phase Dynamics, Telluride Summer Research Center, July 17-23, 2006.
48. Photoexcitation dynamics in nanomaterials, 61st Northwest Regional Meeting of the American Chemical Society, Reno, NV, June 25-28, 2006.
47. Excitation dynamics in quantum dots, carbon nanotubes and molecule-semiconductor interfaces. International Symposium on Reactions in Solution and Biological Systems: Potential Surfaces and Dynamics", Fukui Institute for Fundamental Chemistry, Kyoto University, Japan, May 27-29, 2006.
46. Photoexcitation dynamics on the nanoscale. National Meeting of the American Chemical Society, Symposium on Quantum Molecular Dynamics in The Condensed Phase: Towards Bridging the Gap between Theory and Experiment", Atlanta, March 26-30, 2006.
45. Ultrafast dynamics in quantum dots, carbon nanotubes and molecule-semiconductor interfaces. International Workshop on "Analysis and control of ultrafast photoinduced reactions", Berlin, Germany, March 23-25, 2006.
44. Photoexcitation dynamics in novel nanomaterials. "Pacifichem" International Meeting of the American Chemical Society, Symposium on New Frontiers in Condensed Phase Quantum Dynamics, Honolulu, HI, Dec. 15-20, 2005.
43. Photoexcitation dynamics on the nanoscale. American Institute of Chemical Engineers, Symposium on Molecular Simulation and Computation of Fuel Cells and Electrochemistry, Cincinnati, OH, Oct. 30-Nov. 4, 2005.
42. Ab initio nonadiabatic molecular dynamics studies of the ultrafast electron injection from molecular donors into the TiO2 surface, National Meeting of the American Chemical Society, Symposium on Electron Transfer Processes, Washington D.C., August 28-September 1, 2005.
41. The two-pathway model of the biological catch-bond, National Workshop on Single-Molecule Measurements: Theory and Experiment,Telluride Summer Research Center, August 7-13, 2005.
40. Photoexcitation dynamics of nanomaterials, 1st International Symposium on Methods and Applications of Computational Chemistry, Kharkiv, Ukraine, June 29-July 2, 2005.
39. Photoexcitation dynamics of nanomaterials, International Workshop on Classical and Quantum Dynamical Simulations in Chemical and Biological Physics, Max Planck Institute for the Physics of Complex Systems, Dresden, Germany, June 5-11, 2005.
38. Non-adiabatic molecular dynamics of photoexcitation in nanoscale structures, International Workshop on Quantum Dynamics of Complex Molecular Systems, Paris Research Center, France, May 18-21, 2005.
37. Time-dependent density functional studies of the ultrafast excitation dynamics in novel nanomaterials, International Fock Meeting on Quantum and Computational Chemistry, Special Symposium in honor of Hans Hellmann, Novgorod, Russia, May 10-14, 2005.
36. Real-time *ab initio* study of the ultrafast electron injection across a molecule-solid interface, 206th National Meeting of the Electrochemical Society, Honolulu, HI, October 3-8, 2004.
35. *Ab initio* simulations of interfacial electron transfer, International Workshop on Quantum Dynamics, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Lyon, France, September 16-18, 2004.
34. *Ab initio* studies of photoinduced ultrafast interfacial electron transfer, International Workshop on Quantum Dynamics, European Centre for Atomic and Molecular

Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Lyon, France, September 16-18, 2004.

33. Nonadibatic molecular dynamics studies of ultrafast interfacial electron transfer, National Meeting of the American Chemical Society, Symposium on Quantum/Classical Calculations in Chemistry and Biophysics, Philadelphia, PA August 22-26, 2004.
32. Real-time ab initio studies of solar cell electron transfer, Telluride Summer Research Center, National Workshop on Nonadiabatic Dynamics, Telluride, CO, August 1-8, 2004.
31. Quantized Hamilton dynamics, Telluride Summer Research Center, National Workshop on Condensed Phase Dynamics, Telluride, CO, July 19-23, 2004.
30. Novel quasiclassical approaches to nonadiabatic molecular dynamics, National Workshop on Quantum and Semiclassical Molecular Dynamics of Nanostructures, Los Alamos National Lab, NM, July 15-17, 2004.
29. Phase transitions and decay of the electro-optic coefficient in polymers for nonlinear optics, 3rd International Conference on Computational Modeling and Simulation of Materials, Acireale, Sicily, Italy, May 30-June 4, 2004.
28. Real-time *ab initio* study of the ultrafast electron injection across a molecule-solid interface, 24th Annual Conference on Statistical Physics of Macromolecules, Los Alamos National Laboratory, Santa Fe, NM, May 17-21, 2004.
27. Real-time *ab initio* study of the ultrafast electron injection across a molecule-solid interface, 205th National Meeting of the Electrochemical Society, San Antonio, TX, May 9-13, 2004.
26. Quantized Hamilton Dynamics, National Meeting of the American Chemical Society, Symposium on Mixed Quantum, Classical and Semiclassical Dynamics, Anaheim, CA, March 28-April 1, 2004.
25. Non-adiabatic molecular dynamics study of fluorescence yield and quenching in green fluorescent protein and solution, International Conference on Chemistry of Nitrogen Containing Heterocycles, Kharkiv, Ukraine, September 30-October 3, 2003.
24. Non-adiabatic *ab initio* molecular dynamics of the ultrafast solar cell electron transfer, International Workshop on Modeling of Electronic Processes in Molecular Scale Devices, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Lyon, France, September 15-17, 2003.
23. Non-adiabatic *ab initio* molecular dynamics of the ultrafast solar cell electron transfer, National Meeting of the American Chemical Society, Symposium on The Conduction Band in Liquids and Disordered Solids, New York City, September 7-11, 2003.
22. Non-adiabatic molecular dynamics of the ultrafast solar cell electron transfer, The International Society for Optical Engineering (SPIE), International Symposium on Optical Science and Technology. San Diego, CA, August 3-8, 2003.
21. Non-adiabatic molecular dynamics of the ultrafast solar cell electron transfer, The 4th International Symposium on Ultrafast Surface Dynamics, Telluride, Colorado, June 22-27, 2003.
20. Novel approaches to non-adiabatic molecular dynamics with application to solar cell electron transfer, V.A. Fock International School on Quantum and Computational Chemistry, Yaroslav the Wise University, Novgorod, Russia May 12-16, 2003.
19. Quasi-classical non-adiabatic molecular dynamics, National Workshop on Semi-Classical Methods in Physics and Chemistry, Mathematical Sciences Research Institute, University of California, Berkeley, California, April 7-11, 2003.
18. Novel approaches to non-adiabatic molecular dynamics with application to solar cell electron transfer, 43rd National Sanibel Symposium on Chemistry, Materials Physics, and

Biology. Quantum Theory Project, University of Florida, Gainesville, Florida, February 22 through March 1, 2003.

17. Novel methods for non-adiabatic molecular dynamics: 1. Stochastic mean-field approach. 2. Quantum backreaction through the Bohmian particle. 3. Quantized Hamilton dynamics, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), International Workshop on Trajectories and their Application to Quantum Dynamics, Lyon, France, September 9-11, 2002.
16. The best way to compute nonlinear optical properties of crystals and large conjugated molecules within cluster models. International Conference on Physics of Laser Crystals, Kharkiv, Ukraine, August 26 – September 2, 2002.
15. Quantized Hamilton dynamics: generalization of classical dynamics to include zero point energy and tunneling effects, 6th World Congress of Theoretically Oriented Chemists, (WATOC - World Association for Theoretically Oriented Chemists), Lugano, Switzerland, August 4-9, 2002.
14. Phase transitions and the electro-optic response of non-linear optics polymers, Telluride Summer Research Center, National Workshop on Condensed Phase Dynamics, Telluride, CO, July 22-26, 2002.
13. Non-adiabatic molecular dynamics simulation of ultrafast photoinduced solar cell electron transfer, Fourth Congress of the International Society for Theoretical Chemical Physics (ICTCP-IV), Marly-le-Roi, France, 9-16 July, 2002.
12. Incorporating quantum solvent effects into non-adiabatic molecular dynamics, International Workshop on Quantum Dynamics in Condensed Phase sponsored by The University of Utah and European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Crete, Greece, June 24-28, 2002.
11. Novel semiclassical approaches for non-adiabatic molecular dynamics, Harvard Institute for Theoretical Atomic and Molecular Physics (ITAMP), International Workshop on Computational Approaches to Time-Dependent Quantum Dynamics, Harvard University, May 9 - May 11, 2002.
10. Incorporating quantum solvent effects into non-adiabatic molecular dynamics with application to ultrafast electron transfer from an organic donor to a semiconductor acceptor, European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), International Workshop on Simulation of Non-adiabatic Charge Transfer, Lyon, France, April 22-24, 2002.
9. Incorporating quantum solvent effects into non-adiabatic molecular dynamics, International Seminar on Quantum Dynamical Concepts, Max-Planck Institute, Dresden, Germany, April 2-12, 2002; **4 lectures.**
8. Mean-field theory of macroscopic order in polymeric electro-optic materials, National Meeting of the American Physical Society, Indianapolis, IN, March 17-22, 2002.
7. Quantized Hamilton dynamics, Oxford University International Summer School on Quantum Dynamics, Oxford, England, August 16-25, 2001.
6. Quantum anti-Zeno acceleration of a chemical reaction, National Meeting of the American Physical Society, Division of Atomic, Molecular and Optical Physics (DAMOP), London, Ontario, Canada, May 2001.
5. Non-adiabatic molecular dynamics via quantum state diffusion, National Meeting of the American Physical Society, Seattle, WA, March 2001.

4. Recent approaches to non-adiabatic dynamics in condensed phases, Telluride Summer Research Center, National Workshop on Nonadiabatic Methods, Telluride, CO, August 2000.
3. Decoherence and dephasing in condensed phase chemistry, Gordon Research Conference on Quantum Control, Plymouth, NH, August 8, 1999.
2. Application of electro-optical Kerr effect to investigation of intermolecular H-bond, International School-Seminar in Spectroscopy of Molecules and Crystals (ISSMC), Odessa, Ukraine, June 8, 1999.
1. Semiclassical molecular dynamics via quantum state diffusion, American Conference in Theoretical Chemistry (ACTC99), Boulder, CO, June 27 - July 2, 1999.

**Invited University Seminars**

203. Quantum Dynamics in Optoelectronic Materials, University of New Mexico, Albuquerque, USA, March 14, 2025.
202. Controlling Nonequilibrium Processes in Modern Optoelectronic Materials, University of Texas San Antonio, USA, March 6, 2025.
201. Controlling Nonequilibrium Processes in Modern Optoelectronic Materials, Nanyang Technological University, Singapore, February 25, 2025.
200. Quantum Dynamics in Optoelectronic Materials, Ohio State University, Columbus, USA, February 17, 2025.
199. Quantum Dynamics in Optoelectronic Materials, Indiana University Bloomington, USA, February 10, 2025.
198. Controlling Nonequilibrium Processes in Modern Optoelectronic Materials, Georgia Institute of Technology, Atlanta, USA, January 13, 2025.
197. Quantum Dots: Semiconducting, Metallic and Perovskites, Korea Advanced Institute for Science and Technology (KAIST), Daejeon, S. Korea, July 1, 2024.
196. Quantum Dynamics of Charge Carriers in Metal Halide Perovskites, University of Mons, Mons, Belgium, June 18, 2024.
195. Nonadiabatic Molecular Dynamics for Nanoscale Systems, University of Mons, Mons, Belgium, June 13, 2024.
194. Quantum Dots: Semiconducting, Metallic and Perovskites, University of Mons, Mons, Belgium, June 7, 2024.
193. Nonadiabatic Molecular Dynamics for Nanoscale Systems, University of Mons, Mons, Belgium, June 13, 2024.
192. Quantum Dots: Semiconducting, Metallic and Perovskites, Zhejiang University, Hanzhou, China, May 13, 2024.
191. Quantum Dynamics in Nanomaterials, Seoul National University, Seoul, S. Korea, May 10, 2024.
190. Quantum Dynamics in Nanomaterials, Korea University, Seoul, S. Korea, May 8, 2024.
189. Quantum Dynamics in Nanomaterials, Korea Institute for Advanced Studies (KIAS), Seoul, S. Korea, May 2, 2024.
188. Quantum Dots: Semiconducting, Metallic and Perovskites, University of Iceland, Reykjavik, Iceland, October 6, 2023.
187. Quantum Dynamics on Nanoscale, Central South University, Changsha, China, October 17, 2023.

186. Nonadiabatic Molecular Dynamics for Nanoscale Systems, University of Iceland, Reykjavik, Iceland, October 6, 2023.
185. Quantum Dynamics on Nanoscale, Keynote Lecture at Gopal Singhal Symposium, Wayne State University, Detroit, August 23, 2023.
184. Quantum Dynamics on Nanoscale, Nanyang Technological University, Singapore, July 3, 2023.
183. Quantum Dynamics on Nanoscale, University of Luxembourg, June 15, 2023.
182. Quantum Dynamics on Nanoscale, Hiroshima University, Japan, June 1, 2023.
181. Quantum Dynamics on Nanoscale, Kyoto University, Japan, May 31, 2023.
180. Nonadiabatic Molecular Dynamics with Machine Learning, Zhejiang University, China, April 13, 2023.
179. Quantum Dynamics in Materials, Beijing Normal University, China, April 4, 2023.
178. Quantum Dynamics in Solar Materials, University of Science and Technology of China, Hefei, China, March 15, 2023.
177. Quantum Dynamics on Nanoscale, Harbin University, China, October 13, 2022.
176. Semiclassical Approaches to Quantum Dynamics, IPAM, University of California Los Angeles, March 23, 2022.
175. Nonadiabatic Molecular Dynamics, Rice University, December 7, 2021.
174. Machining Learning Nonadiabatic Molecular Dynamics, University of Science and Technology of China, November 18, 2021.
173. Quantum Dynamics of Charge Carriers in Metal Halide Perovskites, Zhejiang Normal University, October 27, 2021.
172. Nonadiabatic Molecular Dynamics, University of Luxembourg, June 25, 2021.
171. Quantum Dynamics on Nanoscale, University of Luxembourg, June 14, 2021.
170. Quantum Dynamics on Nanoscale: Quantum Dots and Perovskites, University of Hamburg, April 13, 2021.
169. Quantum Dynamics on Nanoscale: Quantum Dots and Perovskites, California Institute of Technology, April 14, 2021.
168. Charge Carrier Dynamics in Metal Halide Perovskites, Moscow State University, March 10, 2021.
167. Ab Initio Quantum Dynamics in Modern Nanoscale Materials, University of California Santa Cruz, February 22, 2021.
166. Ab Initio Quantum Dynamics in Modern Nanoscale Materials, Beijing Normal University, November 25, 2020.
165. Ab Initio Quantum Dynamics on Nanoscale, New Jersey Institute of Technology, October 14, 2020.
164. Ab Initio Quantum Dynamics on Nanoscale, Brandeis University, October 5, 2020.
163. Ehrenfest Dynamics with Detailed Balance and Decoherence, Virtual International Seminar on Theoretical Advancements (VISTA), Sponsored by Department of Chemistry, University at Buffalo, September 24, 2020.
162. Excited State Dynamics in Nanoscale Materials, Xiamen University, Xiamen, China, September 16, 2019.
161. Nonadiabatic Molecular Dynamics with Poor-Man's version of TDDFT, Xiamen University, Xiamen, China, September 11, 2019.
160. Nonadiabatic Dynamics for Nanoscale Materials, University of Basque Country, San Sebastian, Spain, May 28, 2019.
159. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Los Alamos National Laboratory, Los Alamos, NM, January 24, 2019.

158. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Department of Physics, Hunan Agricultural University, Changsha, China, January 7, 2019.
157. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Beijing Computational Science Research Center, Beijing, China, January 2, 2019.
156. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Department of Chemistry, Anhui Normal University, Wuhu, China, December 21, 2018.
155. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Shanghai Institute of Ceramics, Chinese Academy of Sciences, Shanghai, China, December 20, 2018.
154. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Department of Physics, North West University, Xian, China, December 14, 2018.
153. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Department of Chemical Engineering, Xian Jaotong University, Xian, China, December 14, 2018.
152. Introduction to Nonadiabatic Molecular Dynamics, Beijing Computational Science Research Center, Beijing, China, July 12, 2018.
151. Nonadiabatic Molecular Dynamics at Nanoscale Interfaces, Hunan Agricultural University, Changsha, China, July 10, 2018.
150. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Hunan Agricultural University, Changsha, China, July 9, 2018.
149. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Hunan Agricultural University, Chengdu, China, July 6, 2018.
148. Nonadiabatic Molecular Dynamics at Nanoscale Interfaces, Hunan Agricultural University, Chengdu, China, July 5, 2018.
147. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Department of Chemistry, University at Buffalo, Buffalo, NY, June 8, 2018.
146. Quantized Hamilton Dynamics, Jilin University, Changchung, China, May 24, 2018.
145. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Jinan University, Guangzhou, China, May 21, 2018.
144. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Dalian Institute of Chemical Physics, Dalian, China, May 17, 2018.
143. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Zhejiang University, Hangzhou, China, May 15, 2018.
142. Quantized Hamilton Dynamics, Zhejiang University, Hangzhou, China, May 14, 2018.
141. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Shanghai Institute of Ceramics, Chinese Academy of Science, Shanghai, China, May 11, 2018.
140. Quantized Hamilton Dynamics, Department of Chemistry, University of Science and Technology of China, Hefei, China, May 8, 2018.
139. Quantized Hamilton Dynamics, Guizhou Normal University, Guiyang, China, May 3, 2018.
138. Charge Carrier Dynamics in Perovskites: Time Domain Ab Initio Studies, Beijing Computational Science Research Center, Beijing, China, April 23, 2018.
137. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Jilin University, Changchun, China, January 10, 2018.
136. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Dalian Institute of Chemical Physics, Dalian, China, January 8, 2018.
135. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Guizhou Educational University, Guiyang, China, December 22, 2017.

134. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Beijing Computational Science Research Center, Beijing, China, December 19, 2017.
133. Nonadiabatic Dynamics in Nanoscale Materials with Real-Time TDDFT, Department of Chemistry, University of Science and Technology of China, Hefei, China, July 4, 2017.
132. Nonadiabatic Molecular Dynamics at Nanoscale Interfaces, Beijing Computational Science Research Center, Beijing, China, July 3, 2017.
131. Nonadiabatic Dynamics in Nanoscale Materials with Real-Time TDDFT, Smart Design of Materials and Process Research-Domain, Toyota Central R&D Labs., Inc., Nagoya, Japan, March 9, 2017.
130. Nonadiabatic Molecular Dynamics for Condensed Phase Simulations, Department of Chemistry, University of Science and Technology of China, Hefei, China, December 16, 2016.
129. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of Science and Technology of China, Hefei, China, December 15, 2016.
128. Nonadiabatic Dynamics with Real Time TDDFT: Carrier and Lattice Excitations, North Carolina State University, Raleigh, NC, November 18, 2016.
127. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, Beijing Computational Research Science Center, Beijing, China, November 11, 2016.
126. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, Beijing Normal University, Beijing, China, November 11, 2016.
125. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Donostia International Physic Center, San Sebastian, Spain, July 15, 2016.
124. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, Kharkiv National University, Kharkiv, Ukraine, April 26, 2016.
123. Excitation dynamics at nanoscale interfaces, Department of Physics, University of Bremen, Bremen, Germany, April 18, 2016.
122. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of Texas at Austin, Austin, TX, April 7, 2016.
121. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, College of Natural Sciences, University of California Merced, Merced, CA, February 26, 2016.
120. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Molecular Foundry, Laurence Berkeley National Laboratory, Berkeley, CA, February 9, 2016.
119. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of California Riverside, Riverside, CA, January 25, 2016.
118. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of North Carolina, Raleigh, NC, January 15, 2016.
117. Novel Approaches for Nonadiabic Molecular Dynamics, Department of Chemistry, Kharkiv National University, Kharkiv, Ukraine, December 7, 2015.
116. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Physics and Astronomy, University of Southern California, Los Angeles, CA, October 12, 2015.
115. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Graduate School of Energy, Environment, Water and Sustainability, Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea, August 31, 2015.
114. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, California Institute of Technology, Los Angeles, CA, May 26, 2015.

113. Nonadiabatic Dynamics of Singlet Fission, Department of Chemistry, University of Southern California (Stauffer Symposium), Los Angeles, CA, April 27, 2015.
112. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, UNAM (Quimi UNAM), Mexico-City, Mexico, April 24, 2015.
111. Excited State Dynamics at Nanoscale Interfaces, Los Alamos National Laboratory, Los Alamos, NM, February 25, 2015.
110. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of South Dakota, Vermillion, SD, February 23, 2015.
109. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of Toronto, Toronto, Canada, February 20, 2015.
108. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, Moscow State University, Moscow, Russia, December 19, 2014.
107. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Skolkovo Institute of Technology, Moscow, Russia, December 18, 2014.
106. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, Kharkiv National University, Kharkiv, Ukraine, December 15, 2014.
105. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of California Los Angeles, Los Angeles, CA, December 1, 2014.
104. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of California Irvine, Irvine, CA, November 25, 2014.
103. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, Shandong University, Jinan, China, November 7, 2014.
102. Recent Developments in Nonadiabatic Molecular Dynamics, Beijing Computational Science Research Center, Beijing, China, October 31, 2014.
101. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Beijing Computational Science Research Center, Beijing, China, October 29, 2014.
100. Recent Progress in Nonadiabatic Molecular Dynamics, Department of Chemistry, University of Southern California, Los Angeles, CA, September 17, 2014.
99. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of Wisconsin - Madison, Madison, WI, September 3, 2014.
98. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, Case Western Reserve University, Cleveland, OH, January 23, 2014.
97. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of California – Davis, January 21, 2014.
96. Large-Scale Computer Simulations of Excited State Dynamics in Nanoscale Materials, Center for Integrated Research Computing, University of Rochester, January 17, 2014.
95. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, University of Southern California, December 3, 2013.
94. Excitation Dynamics in Inorganic Nanocrystals, Department of Chemistry, University of Southern California, September 16, 2013.
93. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Physics, University of Maine, Orono, ME, April 12, 2013.
92. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, Syracuse University, Syracuse, NY, March 26, 2013.
91. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Physics, University of Rochester, Rochester, February 7, 2013.
90. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, SUNY Buffalo, Buffalo, NY, February 1, 2013.

89. Nanoscale Carbon for DNA Sequencing and Drug Delivery, Department of Chemistry, Rochester Institute of Technology, Rochester Institute of Technology, Rochester, NY January 10, 2013.
88. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Symposium on Advances in Quantum Chemistry: Interfacing Electronic Structure with Dynamics, Department of Chemistry, University of Minnesota, Minneapolis, MN, June 21, 2012.
87. Nanoscale Carbon for DNA Sequencing and Drug Delivery, Department of Chemistry, Kharkiv National University, Kharkiv, Ukraine, May 15, 2012.
86. Nonadiabatic Molecular Dynamics with Time-Domain Density Functional Theory, Department of Chemistry, University of Washington, Seattle, WA, May 9, 2012.
85. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry, MIT, Boston, MA, May 1, 2012.
84. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk, Department of Chemistry & Laboratory for Radiation Science, University of Notre Dame, South Bend, IL, April 19, 2012.
83. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk. Department of Chemistry, Michigan State University, March 15, 2012.
82. Quantum Dots – Artificial Atoms, Molecules, or Small Pieces of Bulk. Department of Chemistry, University of Nebraska - Lincoln, Lincoln, NE, March 2, 2012.
81. Excited State Dynamics in Nanoscale Carbon Materials. Department of Chemistry, Tsinghua University, Beijing, China, September 10, 2011.
80. Quantum Dot Solar Cells – Insights from Time-Domain Ab Initio Modeling, Symposium on Fundamentals of Photocatalysis, University of Science and Technology of China, Hefei, China, July 11-12, 2011.
79. Quantum Dots – Artificial Atoms, Molecules or Small Pieces of Bulk? Department of Chemistry, University of Paris-East, Champs-du-Marne, Paris, France, June 17, 2011.
78. Biological Catch Bond – Where is the Catch? Chemistry-Biology-Biophysics Retreat, University of Rochester, June 10, 2011.
77. Quantum Dots – Artificial Atoms, Molecules or Small Pieces of Bulk? Physics Colloquium, National Research Council Institute for Microstructural Sciences, Ottawa, Canada, May 16, 2011.
76. Theoretical Studies of Semiconductor Quantum Dots for Solar Energy Harvesting, Physical Chemistry/Chemical Physics Colloquium, University of Colorado, Boulder, CO, January 28, 2011.
75. Semiconductor Quantum Dots for Solar Energy Harvesting, Physics Colloquium, University of Rochester, Rochester, NY, January 26, 2011.
74. Time-Domain Ab Initio Studies of Organic-Inorganic Interfaces for Solar Energy Harvesting, Workshop on "Organic Photovoltaics: Experiment and Theory", Lawrence Berkeley National Laboratory, University of California - Berkeley, Oct. 1, 2010.
73. Nonadiabatic Molecular Dynamics with Time-Domain Density Functional Theory, Theory Workshop, Graduate Center, City University of New York, New York, NY, Sept. 16, 2010.
72. Dynamics in Nanoscale Materials for Solar Energy Harvesting. Lawrence Livermore National Laboratory, 2010 Computational Chemistry and Materials Science Summer Institute: Materials Research for Energy, August 3, 2010.
71. Nonadiabatic Molecular Dynamics with Kohn-Sham Density Functional Theory. Lawrence Livermore National Laboratory, 2010 Computational Chemistry and Materials Science Summer Institute: Materials Research for Energy, August 2, 2010.

70. Dynamics in Nanoscale Materials for Solar Energy Harvesting. Department of Chemistry, Southern Illinois University, April 16, 2010.
69. Excitation dynamics in carbon nanotubes and quantum dots: time-domain ab initio studies, Department of Chemistry & Biochemistry, University of Texas at Austin, October 8, 2009.
68. Photoinduced dynamics in quantum dots and chromophore-semiconductor interfaces for solar energy applications, Department of Chemistry, University of Utah, September 28, 2009.
67. Excitation dynamics in carbon nanotubes and quantum dots: time-domain ab initio studies, Department of Chemistry, University of Rochester, August 22, 2009
66. Photoinduced dynamics in nanoscale materials for solar energy harvesting, Department of Physics, Summer Colloquium, George Washington University, June 22, 2009.
64. Dynamics on the nanoscale: time-domain ab initio studies of excitation dynamics in quantum dots and carbon nanotubes, Department of Chemistry, University of Rochester, April 27, 2009.
63. Dynamics on the nanoscale: time-domain ab initio studies of excitation dynamics in quantum dots and carbon nanotubes, Department of Chemistry, University of South Carolina, Columbia, SC, February 13, 2009.
62. The biological catch-bond: Where is the catch? Department of Chemistry, University of California, Los Angeles, CA, January 26, 2009.
61. Dynamics on the nanoscale: time-domain ab initio studies of excitation dynamics in quantum dots and carbon nanotubes, NanoScience Technology Center, University of Central Florida, Orlando, October 6, 2008.
60. Theoretical studies of photoinduced electron dynamics at chromophore-semiconductor interfaces, Department of Chemistry, Khakov, Ukraine, September 5, 2008.
59. Quantized Hamilton dynamics, Imperial College, London, July 24, 2008.
58. Quantized Hamilton dynamics, Department of Physics, University of Roma la Sapienza, April 29, 2008.
57. Excitation dynamics in nanoscale materials, Department of Chemistry, University of Houston, April 16, 2008.
56. Excitation dynamics in nanoscale materials, Department of Chemistry, University of Pittsburgh, March 20, 2008
55. Quantized Hamilton dynamics, Theoretical Chemistry, Duke University, February 20, 2008.
54. Dynamics on the nanoscale, Department of Chemistry, Duke University, February 19, 2008.
53. Dynamics on the nanoscale, Department of Physics, University of Washington, February 5, 2008
52. Dynamics on the nanoscale, Department of Chemistry, Northwestern University, January 29, 2008
51. Photoinduced dynamics in nanoscale materials, Department of Chemistry, University of California - Berkeley, November 20, 2007.
50. Excitation dynamics in quantum dots and carbon nanotubes, Department of Chemistry, Cornell University, November 1, 2007.
49. Photoinduced dynamics in nanoscale materials, Department of Chemistry, University of British Columbia, Canada, October 19, 2007.
48. Dynamics on the nanoscale, Department of Chemistry, University of Arizona, October 11, 2007.

47. Photoinduced dynamics in nanoscale materials, Department of Chemistry, Hokkaido University, Japan, September 21, 2007
46. Excitation dynamics in quantum dots and carbon nanotubes, Department of Physics, Tsukuba University, Japan, September 12, 2007.
45. Time-domain ab initio studies of excitation dynamics at molecule-semiconductor interfaces, National Institute for Advanced Industrial Science and Technology (AIST), Japan, September 11, 2007.
44. Excitation dynamics in quantum dots and carbon nanotubes, Department of Chemistry, Kyoto University, Japan, September 7, 2007.
43. Excitation dynamics in novel photovoltaic materials, Department of Computational Science, Institute for Molecular Science, Okazaki, Japan, April 26, 2007.
42. Excitation dynamics in novel photovoltaic materials, Department of Chemical Engineering, Tokyo University, Japan, April 23, 2007.
41. Photoinduced dynamics at the chromophore-semiconductor interface, Department of Chemistry, Kyoto University, Japan, April 20, 2007.
40. Photoexcitation dynamics on the nanoscale, Argonne National Laboratory, February 5, 2007.
39. Relaxation dynamics in quantum dots and carbon nanotubes, Department of Chemistry, Rice University, January 17, 2007.
38. Relaxation dynamics in quantum dots and carbon nanotubes, Department of Chemistry, University of Bochum, Germany, July 10, 2006.
37. Photoexcitation dynamics on the nanoscale, Institute for Single Crystals, Kharkiv, Ukraine, July 6, 2006.
36. Photoexcitation dynamics in quantum dots and carbon nanotubes, Department of Chemistry, University of California – Berkeley, June 12, 2006.
35. Ultrafast dynamics in quantum dots, carbon nanotubes and molecule-semiconductor interfaces, Department of Physics, Washington State University, April 11, 2006.
34. Photoexcitation dynamics on the nanoscale, Department of Physics, University of Washington, November 8, 2005.
33. Photoexcitation dynamics on the nanoscale, Department of Chemistry, University of California-Los Angeles, October 24, 2005.
32. Photoexcitation dynamics on the nanoscale, Department of Chemistry, University of California-Irvine, October 18, 2005.
31. Photoexcitation dynamics on the nanoscale, Department of Physical Chemistry, Università di Roma "La Sapienza", Italy, July 5, 2005.
30. Photoexcitation dynamics on the nanoscale. Department of Theoretical Chemistry, Technical University of Munich, Germany, June 27, 2005.
29. Photoexcitation dynamics in nanomaterials, Departamento de Química Física, Facultad de Química, Universidad de Sevilla, Spain, June 17, 2005.
28. Photoexcitation dynamics in nanomaterials, Instituto de Matema'ticas y Fi'sica Fundamental (IMAFF), Consejo Superior de Investigaciones Cienti'ficas (CSIC), Madrid, Spain, June 12, 2005.
27. Semiclassical and density functional approaches for nonadiabatic molecular dynamics, Free University of Berlin, Berlin, Germany, December 16, 2004.
26. Nonadiabatic molecular dynamics of ultrafast, photoinduced, interfacial electron transfer, Hahn-Meitner Institute, Berlin, Germany, December 16, 2004.

25. Semiclassical approaches for nonadiabatic dynamics of ultrafast, photoinduced, interfacial electron transfer, Max-Planck Institute for the Physics of Complex Systems, Dresden, Germany, December 13, 2004.
24. Theory and simulation of solar cell and electro-optic materials Department of Chemistry, University of Illinois, Urbana-Champagne, November 3, 2004.
23. Theory and simulation of solar cell and electro-optic materials, Center for Nonlinear Studies, Los Alamos National Laboratory, January 12, 2004.
22. Theoretical studies of electro-optic materials and solar cells, Department of Chemistry, Yale University, November 6, 2003.
21. Theoretical studies of electro-optic materials and solar cells, Department of Chemistry, Brown University, November 5, 2003.
20. Theoretical studies of electro-optic materials and solar cells, Department of Chemistry, Massachusetts Institute of Technology, November 4, 2003.
19. Studies of optical materials: theory and applications to solar cells and electro-optic switches, Departement Physique et Modelisation, Universite d'Evry, France, August 18, 2003.
18. Theory and simulation of electro-optic and solar cell materials, Department of Chemistry, University of California-Davis, March 27, 2003.
17. Studies of optical materials: theory and applications to solar cells and electro-optic switches, Photosynthesis/Biomolecular Nanotechnology Seminar, Arizona State Univ., March 13, 2003.
16. Theory and simulation of electro-optic and solar cell materials, Department of Chemistry, University of British Columbia, Canada, November 29, 2002.
15. Theory and simulation of electro-optic and solar cell materials, Department of Chemistry, Rice University, November 6, 2002.
14. Theory and simulation of electro-optic and solar cell materials, Department of Chemistry, University of Houston, November 5, 2002.
13. Theory and simulation of electro-optic and solar cell materials, Department of Chemistry, Emory University, October 28, 2002.
12. Theory and simulation of electro-optic and solar cell materials, Department of Chemistry, University of Wisconsin Madison, October 22, 2002.
11. Studies of optical materials: theory and applications to solar cells and electro-optic switches, Department of Chemistry, Boston University, May 11, 2002.
10. Studies of optical materials: theory and applications to solar cells and electro-optic switches, Department of Chemistry, University of Frankfurt, Germany, April 25, 2002.
9. Non-adiabatic chemical dynamics in solution: Schrodinger cats of chemistry, Department of Chemistry, Kharkiv Polytechnic University, Ukraine, August 28, 2001.
8. Non-adiabatic dynamics in solution: Schrodinger cats of chemistry, Department of Chemistry, University of Southern California, November 13, 2000.
7. Non-adiabatic dynamics in solution: Schrodinger cats of chemistry, Department of Chemistry, University of Oregon, November 6, 2000.
6. Non-adiabatic dynamics in solution: Schrodinger cats of chemistry, Environmental Molecular Sciences Laboratory, Pacific Northwest National Laboratory, June 7, 2000.
5. Non-adiabatic dynamics in solution: Schrodinger cats of chemistry, Department of Chemistry, University of Nevada, Reno, February 11, 2000.
4. Mixed quantum-classical approaches for non-adiabatic chemical dynamics in condensed phases, Department of Chemistry, Kielce Pedagogical University, Poland, July 17, 1998.

3. Mixed quantum-classical approaches for non-adiabatic chemical dynamics in condensed phases, Department of Chemistry, University of Washington, January 7, 1998.
2. Non-adiabatic chemical dynamics in solution, Department of Chemistry, Yale University, May 14, 1997.
1. Non-adiabatic chemical dynamics in solution, Institute of Chemistry, Kharkiv University, Ukraine, January 11, 1996.

**Symposia Organized**

21. International Scientific Committee of the 10th Congress of the International Society of Theoretical Chemical Physics (ISTCP-X), Tromsø, Norway, July 11-17 2019.
20. International Workshop on "Charge carrier dynamics in nanostructures: optoelectronic and photo-stimulated processes" European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Bremen, Germany, October 15-20, 2017. (Co-organizer with T. Frauenheim)
19. Symposium "Quantum dynamics in large scale systems", National Meeting of the American Chemical Society, San Francisco, April 1-6, 2017. (Co-organizer with A. Akimov).
18. International Workshop on "Computational insight into photo-induced processes at interfaces" European Centre for Atomic and Molecular Computations (CECAM - Centre Européen de Calcul Atomique et Moléculaire), Bremen, Germany, October 10-24, 2016. (Co-organizer with T. Frauenheim)
17. Symposium "Frontiers in Solar Light Harvesting Processes", National Meeting of the American Chemical Society, San Diego, March 13-17, 2016. (Co-organizer with T. Krauss, A. Mohite and S. Tretiak).
16. International Workshop on "Non-adiabatic dynamics, non-equilibrium phenomena and spectroscopy", Telluride, CO, July 20-25, 2015. (Co-organizer with S. Tretiak and V. Cherniak).
15. Symposium on Physical Chemistry of Interfaces and Nanomaterials, International Society for Optical Engineering (SPIE), San Diego, CA, August 24-28, 2014. (Co-organizer with C. Silva, J. Asbury, and S. Tretiak).
14. Symposium on Physical Chemistry of Interfaces and Nanomaterials, International Society for Optical Engineering (SPIE), San Diego, CA, August 25-29, 2013. (Co-organizer with C. Silva, J. Asbury, and S. Tretiak).
13. International Workshop on "Non-adiabatic dynamics, non-equilibrium phenomena and spectroscopy", Telluride, CO, July 22-26, 2013. (Co-organizer with S. Tretiak and V. Cherniak).
12. Symposium "40 Years of Surface Hopping Dynamics", National Meeting of the American Chemical Society, San Diego, March 25-29, 2012. (Co-organizer with X. Li).
11. Symposium on Physical Chemistry of Interfaces and Nanomaterials, International Society for Optical Engineering (SPIE), San Diego, CA, August 21-25, 2011. (Co-organizer with C. Silva, S. Tretiak and J. Asbury).
10. International Workshop on Nonequilibrium Phenomena, Nonadiabatic Dynamics and Spectroscopy, Telluride Summer Research Center, Telluride, CO, July 4-8, 2011. (Co-organizer with V. Chernyak and S. Tretiak).
9. Symposium on Physical Chemistry of Interfaces and Nanomaterials, International Society for Optical Engineering (SPIE), San Diego, CA, August 1-5, 2010. (Co-organizer with O. Monti, J. Asbury and S. Tretiak).

8. Symposium on Physical Chemistry of Interfaces and Nanomaterials, International Society for Optical Engineering (SPIE), San Diego, CA, August 2-6, 2009. (Co-organizer with O. Monti and S. Tretiak).
7. International Workshop on Non-adiabatic Dynamics, Telluride Summer Research Center, Telluride, CO, July 20-24, 2009. (Co-organizer with V. Chernyak and S. Tretiak).
6. Symposium on Physical Chemistry of Interfaces and Nanomaterials, International Society for Optical Engineering (SPIE), San Diego, CA, August 10-14, 2008. (Co-organizer with O. Monti, G. Rumbles and S. Tretiak).
5. International Workshop on Non-adiabatic Dynamics, Telluride Summer Research Center, Telluride, CO, July 22-26 2007.
4. Symposium on "Dynamics in Nanomaterials", National Meeting of the American Chemical Society, Chicago, March 25-29, 2007. (Co-organizer with P. Reid).
3. International Workshop on Non-adiabatic Dynamics, Telluride Summer Research Center, Telluride, CO, August 1-8, 2004.
2. Chemical Physics Section of the Northwest Regional Meeting of the American Physical Society, Portland, OR, May 29-31, 2003.
1. Theory Symposium at Northwest Regional Meeting of the American Chemical Society, Seattle University, Seattle, WA, June 14-17, 2001 (Co-organizer with D. Dixon).

**Ph.D. STUDENTS**

| Name | Thesis Topic | Date of Degree |
|---|---|---|
| William Stier | Theoretical Study of Ultrafast Electron Transfer in Dye-Sensitized Semiconductor Solar Cell Materials. | June 2003 |
| Craig Brooksby | Theoretical Investigation of Solvent Effects in Condensed Phase Photochemistry | June 2003 |
| Walter Duncan | Theoretical Study of Photoinduced Electron Transfer across Chromophore-$TiO_2$ Interfaces | November 2006 |
| Colleen Craig | Nonadiabatic Molecular Dynamics within Time-Dependent Kohn-Sham Theory | December 2006 |
| Eric Heatwole | Incorporating Vibrational Quantum Effects into Nonadiabatic Molecular Dynamics | June 2007 |
| Kim Gunnerson | Theoretical Studies of the Biological Catch-Bond | November 2007 |
| Svetlana Kilina | Photoexcitation Dynamics in Quantum Dots | December 2007 |
| Brad Habenicht | Electron-Phonon Relaxation in Carbon Nanotubes | December 2007 |
| Kirill Igumentschev | Semiclassical Dynamics of Quantum Breathers | June 2011 |
| Tammie Nelson | Biological Applications of Carbon Nanotubes and Nanoribbons | April 2013 |
| Amanda Neukirch | Ab initio modeling of attosecond spectroscopy | August 2014 |
| Olena Postupna | Time-domain density functional theory of excited state dynamics in carbon nanotubes | April 2015 |
| Dhara Trivedi | Pseudopotential theory of excitation dynamics in inorganic semiconductors | July 2015 |
| Jin Liu | Excited state dynamics in semiconductor quantum dots | May 2016 |
| Andrew Sifain | Photoexcitation and nonradiative relaxation in molecular systems: methodology, optical properties and dynamics | January 2018 |
| Parmeet Ninjar | Adiabatic and non-adiabatic molecular dynamics in nanoscale systems: theory and applications | February 2019 |
| Linqui Li | Excitation dynamics at two-dimensional materials | January 2020 |
| Guoqing Zhou | Theory of excited state dynamics in nanoscale materials | January 2021 |
| Carlos Mora-Perez | Charge carrier dynamics in metal halide perovskites | April 2024 |
| Sraddha Agrawal | Modeling of charge carrier dynamics in 2D carbon nitride visible-light photocatalysts | February 2024 |
| Ying Wang | Quantum dynamics of charge carriers in transition metal dichalcogenides | 2019-2021 |
| Jingyi Ran | Excited state dynamics in non-lead halide perovskites | March 2024 |
| Yifan Wu | Application of machine learning to nonadiabatic molecular dynamics | May 2025 |
| Bipeng Wang | Accelerating nonadiabatic molecular dynamics by machine learning | May 2025 |
| Shriya Gumber | Novel approaches to nonadiabatic molecular dynamics | current |

| | | |
|---|---|---|
| Elizabeth Stippell | Charge carrier dynamics in 2D perovskites: methods and applications | current |
| Di Lei | Quantum dynamics of charge carriers in lead-organic chalcogenides | current |
| Jonathan Karin | Machine learning approaches for quantum dynamics in nanomaterials | current |

**M. S. STUDENTS**

| **Name** | **Thesis Topic** | **Date of Degree** |
|---|---|---|
| Houmes, Vincent | Theoretical Investigation of Photoinduced Cis-Trans Isomerization of Stilbene | May 2000 |
| Angelina Madrid | Optical Properties of Quantum Dots | June 2010 |
| Sean Fischer | Chromophore-Semiconductor Interfaces for Solar Energy Conversion | June 2010 |
| Julianne Green | Theoretical design of multi-component chromophores for photovoltaic applications | August 2012 |

**UNDERGRADUATE STUDENTS**

| **Name** | **Major** | **Dates** |
|---|---|---|
| Narui, Yoshie | Chemistry (Ohio State), REU, UW | Summer 2001 |
| Christie, Calley | Chemistry, UW | 2001-2002 |
| Kim, Saehee A. | Chemistry, UW | 2002-2003 |
| Yat Shan Au | Physics, UW | 2002-2003 |
| Steve Edwards | Physics (Harvey Mudd), STC-REU, UW | Summer 2005 |
| Meir Lakhovski | High School Senior | Summer 2006 |
| Paul David Harris | Freshman Honors, UW | 2007-2008 |
| Chantal Murthy | Freshman Honors, UW | 2008-2009 |
| Dennis Pruzan | Chemistry, UW | 2009-2010 |
| Rick Aaroe | Chemical Engineering, UW | 2009-2010 |
| Jeremy Smith | Physics, UR | 2011-2012 |
| Zachariah Zinserling | High School Senior | 2013 |
| Chenyongwei Shu | Chemistry, Tsinghua U, Beijing, China | 2016 |
| Archana Mandava | Computer Science (Rice U), REU, USC | 2016 |
| Yifan Wu | Chemistry, Beihang University, Beijing, China | 2018 |
| Yichen Li | Physics, USTC, Hefei, China | 2018 |
| Spencer Mangan | Chemical Engineering, USC | 2020-2022 |
| Wei Bin How | Chemistry, Nanyang Technological University, Singapore | 2021-2022 |
| Neta Shubina | Computer Science, USC | 2024 |

**POST DOCTORATES**

| **Name** | | **Dates** |
|---|---|---|
| Dr. Elke Pahl | Ph.D. from U. Heildelberg under Prof. Dr. Cederbaum | 2000-2002 |
| Dr. Dmitri Kilin | Ph. D. from U. Leipzig under Prof. Dr. Scheiber | 2002-2005 |

| | | |
|---|---|---|
| Dr. Kiril Tsemekhman | Ph. D. from U. Washington under Prof. Thauless, co-advised with Prof. Jonsson and Prof. Baker | 2006-2007 |
| Dr. Vadim Tsemekhman | Ph. D. from U. Washington under Prof. Thauless | 2009-2010 |
| Dr. Heather Jaeger | Ph. D. from U. Georgia under Prof. Schaefer | 2011-2013 |
| Dr. Alexey Akimov | Ph. D. from Rice U. under Prof. Kolomeisky | 2012-2015 |
| Dr. Sergei Bubin | Ph. D. from U. Arizona under Prof. Adamowicz | 2013-2014 |
| Dr. Vitaly Chaban | Ph. D. from Kharkiv U. under Prof. Kalugin | 2011-2013 |
| Dr. Linjun Wang | Ph. D. from Tsinghua U. under Prof. Shuai | 2013-2015 |
| Dr. Sougata Pal | Ph. D. from Bremen U. under Prof. Frauenheim | 2015-2017 |
| Dr. Benjamin Nebgen | Ph. D. from Purdue U. under Prof. Slipchenko | 2015-2016 |
| Dr. Zhaohui Zhou | Ph. D. from Xi'an Jiaotong University, China | 2015-2016 |
| Dr. Joanna Jankowska | Ph. D. from U. Warsaw, under Prof. Sobolewski | 2015-2017 |
| Dr. Yi-Siang Wang | Ph. D. from National Taiwan U, under Prof. S. D. Chao | 2017-2019 |
| Dr. Weibin Chu | Ph. D. from USTC, under Prof. Jin Zhao | 2018-2022 |

**SENIOR SCIENTISTS**

| **Name** | | **Dates** |
|---|---|---|
| Dr. Yuriy Pereverzev | Research Associate, previously in Institute for Low Temperature Physics, Kharkiv, Ukraine | 1999-2012 |

**VISITING SCIENTISTS**

| **Name** | | **Dates** |
|---|---|---|
| Dr. Hideyuki Kamisaka | University of Tokyo, Department of Chemical System Engineering, School of Engineering, Tokyo, Japan | 2006-2007 |
| Mr. Hua Bao | Department of Physics, Purdue University | 2008 |
| Dr. Yasuteru Shigeta | University of Hyogo, Graduate School of Life Sciences, Kakogawa, Hyogo, Japan | 2008 |
| Prof. Hyeon-Deuk Kim | Department of Chemistry, University of Kyoto, Japan | 2008-2009 |
| Mr. Dmitro Kosenkov | Department of Chemistry, Jackson State University | 2009 |
| Prof. Oleg Kalugin | Department of Chemistry, Kharkiv University, Ukraine | 2009 |
| Mr. Zhenyu Guo | Hefei National Lab. for Physical Sciences, University of Science and Technology of China | 2008-2010 |
| Mr. Ahmed Abuelela | Assistant Lecturer of Chemistry, Faculty of Science, Al Azhar University, Cairo, Egypt | 2011-2013 |
| Dr. Run Long | University College Dublin, School of Chemical & Bioprocessing Engineering, Dublin, Ireland | 2010-2013 |
| Mr. Igor Vovchinski | Department of Chemistry, Kharkiv University, Ukraine | 2013 |
| Prof. Oleg Kalugin | Department of Chemistry, Kharkiv University, Ukraine | 2013 |
| Mr. Wei Li | Institute of Theoretical Chemistry, Jilin University, China | 2015-2016 |
| Prof. Oleg Kalugin | Department of Chemistry, Kharkiv University, Ukraine | 2016 |
| Prof. Xin Zhou | College of Environmental and Chemical Engineering, Dalian University, China | 2015-2016 |

| | | |
|---|---|---|
| Prof. Hao Dong | School of Chemistry and Chemical Engineering, Liaoning Normal University, China | 2016 |
| Mr. Chuan-Jia Tong | Beijing Computational Science Research Center, China | 2016-2017 |
| Dr. Ahmed Abuelela | Department of Chemistry, Al-Azhar University, Cairo, Egypt | 2016-2017 |
| Mr. Yeonsig Nam | Department of Chemistry, Sungkyunkwan University, South Korea | 2016-2017 |
| Mr. Mingye Fu | Department of Physics, University of Science and Technology of China, Hefei, China | 2017 |
| Mr. Jingwei Wan | Department of Physics, University of Science and Technology of China, Hefei, China | 2017 |
| Mr. Iryna Zaporozhets | Department of Chemistry, Kharkiv National University, Ukraine | 2017 |
| Ms. Lili Zhang | Department of Physics, University of Science and Technology of China, Hefei, China | 2017-2018 |
| Mr. Weibin Chu | Department of Physics, University of Science and Technology of China, Hefei, China | 2017-2018 |
| Ms. Tengfei Lu | Institute of Theoretical Chemistry, Jilin University, China | 2018-2020 |
| Prof. Vladimir Basiuk | Laboratory of Nanomaterials, Institute of Nuclear Science, UNAM, Mexico | 2018 |
| Mr. Chao Cen | Guizhou Provincial Key Laboratory of Computational Nano-material Science, Guizhou Education University, Guiyang, China | 2019-2020 |
| Ms. Qiyan Zhang | Department of Chemistry, Northwest University, Xian, China | 2019-2020 |
| Prof. Vladimir Basiuk | Laboratory of Nanomaterials, Institute of Nuclear Science, UNAM, Mexico | 2022 |
| Ms. Linjie Deng | Department of Chemistry, University of Science and Technology of China, Hefei, China | 2023-2024 |
| Mr. Yoosang Son | Department of Chemistry, KAIST, S. Korea | 2023-2024 |

VALENCIA

# Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR) Certificate

SSTAR Presentation February 17, 2026

# Rationale

**UNM-Valencia requests permission to offer a 30-credit hour Certificate in HVACR, launching in the Fall of 2026. This program is designed to equip students with foundational knowledge and hands-on skills necessary for careers in residential, commercial, and light-industrial heating, cooling, ventilation, and refrigeration work.**

**In the Albuquerque and Central New Mexico region—which includes Valencia County—the occupation of Heating, Air Conditioning, and Refrigeration Mechanics and Installers (SOC 49-9021) is projected to grow by nearly 16% between 2022 and 2032. This translates to roughly 100 annual job openings created by a combination of new positions and workforce turnover. Median wages in the region are about $47,200, with experienced technicians earning closer to $57,250. These figures underscore the stability and earning potential of the HVACR field for new entrants.**

# Students and Outcomes

**The HVACR Certificate at UNM-Valencia develops the core competencies required for safe, entry-level employment and rapid on-the-job advancement. Through classroom instruction and intensive labs, students will learn to install, commission, diagnose, and maintain common HVACR equipment.**

**Upon successful completion of the program, graduates will be able to:**
**-- Apply HVACR Math and Measurements – Perform BTU, superheat/subcooling, psychrometric, airflow (CFM), static pressure, and basic electrical calculations.**
**-- Explain Refrigeration and HVAC Theory – Describe the vapor-compression cycle, heat transfer, psychrometric, combustion basics, and controls logic.**
**-- Perform Safe Electrical and Controls Work – Interpret schematics; wire low/high voltage circuits; use meters; verify safeties; follow NEC/OSHA practices.**
**-- Execute Installation and Service Procedures – Braze/purge, evacuate, recover/charge, pressure test, commission, and document system performance to spec.**
**-- Conduct Airflow and Load Tasks – Measure/diagnose airflow; size ducts at a basic level; assist with residential load calculations and equipment selection.**
**-- Read Plans and Service Documentation – Interpret wiring diagrams, piping schematics, cut sheets, and service bulletins to plan work and communicate clearly.**

# Required Resources

- The program will be housed at the Vocational Lab space at the UNM-Valencia Workforce Training Center. The needed equipment and supplies will be purchased from Carl Perkins Grant funding; thus, there are no additional technology or equipment costs associated with this program.

- The instructional needs of this program will be met via the use of adjunct instructors. We plan to run two sections of HVACR courses per semester, for a total instructional cost of $9,082.08 per semester (at four credits per course).

- For the students, there will be no additional course fees associated with this program. At $78.25 per credit hour, the total cost of this program will be $2,347.50.

- We anticipate ten majors for the first year of the program, growing to fifteen the second year, and twenty the third year.

OFFICE OF ACADEMIC AFFAIRS

From: Dr. Pamela Cheek, Vice Provost for Student Success
To: Dean Laura Musselwhite, UNM-Valencia
Re: Proposal for a Certificate in HVACR
Date: September 16, 2025

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On behalf of the Office of the Provost and EVP for Academic Affairs, I support this proposal for a Certificate in HVACR and approve formal submission of the proposal for review. I would like to request that the full proposal for this Certificate, in combination with the full proposals for the Certificate in Plumbing Trades and the Certificate in Electrical Trades, clarify how this significant collective addition to your CTE programming will be addressed with respect to existing and needed instructional capacity. The proposals at present do not identify significant resource needs beyond those at the course fee level and do not explain how instructional capacity needs will be met.

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**NEW CERTIFICATE PROGRAM**
**PRELIMINARY REVIEW AND PROPOSAL OUTLINE**
**UNM-Valencia, UNM–Valencia, Certificate in HVACR (Heating, Ventilation, Air Conditioning & Refrigeration)**

## 1. Program Summary

The UNM–Valencia Campus requests permission to offer a 30-credit hour Certificate in HVACR beginning Fall 2026. The program equips students with foundational knowledge and hands-on skills for residential, commercial, and light-industrial heating, cooling, ventilation, and refrigeration work.

## 2. Program Description and Outcomes

The HVACR Certificate develops the core competencies required for safe, entry-level employment and rapid on-the-job advancement. Through classroom instruction and intensive labs, students will learn to install, commission, diagnose, and maintain common HVACR equipment.

Upon successful completion, graduates will be able to:

1. Apply HVACR Math & Measurements – Perform BTU, superheat/subcooling, psychrometric, airflow (CFM), static pressure, and basic electrical calculations.
2. Explain Refrigeration & HVAC Theory – Describe the vapor-compression cycle, heat transfer, psychrometric, combustion basics, and controls logic.
3. Perform Safe Electrical & Controls Work – Interpret schematics; wire low/high voltage circuits; use meters; verify safeties; follow NEC/OSHA practices.
4. Execute Installation & Service Procedures – Braze/purge, evacuate, recover/charge, pressure test, commission, and document system performance to spec.
5. Conduct Airflow & Load Tasks – Measure/diagnose airflow; size ducts at a basic level; assist with residential load calculations and equipment selection.
6. Read Plans & Service Documentation – Interpret wiring diagrams, piping schematics, cut sheets, and service bulletins to plan work and communicate clearly.

**3. Evidence of Need**

In the Albuquerque and Central New Mexico region—which includes Valencia County—the occupation of Heating, Air Conditioning, and Refrigeration Mechanics and Installers (SOC 49-9021) is projected to grow by nearly 16% between 2022 and 2032. This translates to roughly 100 annual job openings created by a combination of new positions and workforce turnover. Median wages in the region are about $47,200, with experienced technicians earning closer to $57,250. These figures underscore the stability and earning potential of the HVACR field for new entrants.

**4. Program Content and Quality**

HVAC 1105 - Introduction to Fundamentals of Refrigeration - 4 credit hours
HVAC 1115 - Refrigeration Management- 4 credit hours
HVAC 1120 - Motors & Controls- 4 credit hours
HVAC 1238 - Introduction to Sheet Metal Fabrication- 3 credit hours
HVAC 1245 - Gas Heating Furnaces- 4 credit hours
PLMB 1105 - Basic Plumbing, Safety, and Pipe Fitting - 4 credit hours
ELTR 1120 - Electric Theory 1 – 3 credit hours

Plus at least 3 credit hours in:
CNST 2996 -Topics in Construction- 4 credit hours

**5. Evaluation and Assessment**

If approved, the Certificate in Electrical Trades will follow the procedure for academic program review set forth by the Office of Assessment at UNM-Albuquerque in concert with the protocols at UNM-Valencia. Internally, UNM-Valencia will track students' progress on an annual basis to ensure their timely graduation from the program. As with all UNM-Valencia programs and courses, the Certificate in HVACR will be subject to an annual assessment cycle of student learning outcomes and program outcomes evaluation in addition to cyclical program review.

**6. Required Resources**

In terms of physical resources such as classrooms, laboratories, technology, equipment, instructional supplies, and library resources, no significant additional costs are anticipated. However, a small cost for applicable tools and training simulators will be required to support hands-on learning in laboratory courses.

**7. Projected Enrollment and Costs**

We anticipate that this program will be moderate in size, beginning with course enrollments of around ten and approximately ten majors in the first eight years. We hope to increase the program to twelve majors afterwards. The cost for the program to the student would be comparable to that of existing programs, at the current UNM-Valencia tuition rate of $78.25 per credit hour and applicable course/lab fees.

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**NEW CERTIFICATE PROGRAM**
**PRELIMINARY REVIEW AND PROPOSAL OUTLINE**
**UNM-Valencia, UNM–Valencia, Certificate in HVACR (Heating, Ventilation, Air Conditioning & Refrigeration)**

## 1. Program Summary

The UNM–Valencia Campus requests permission to offer a 30-credit hour Certificate in HVACR beginning Fall 2026. The program equips students with foundational knowledge and hands-on skills for residential, commercial, and light-industrial heating, cooling, ventilation, and refrigeration work.

The certificate emphasizes system fundamentals, electrical and controls, refrigeration cycle diagnostics, brazing/piping, load calculations, airflow/duct design, and jobsite safety. Graduates will be prepared for entry-level roles such as HVACR installer, service technician, and maintenance technician with contractors, facility services, schools, hospitals, and public agencies throughout central New Mexico. All courses are new UNM–Valencia offerings and will align with EPA 608 requirements and current industry standards (e.g., R-410A/A2L awareness, OSHA).

Regional employers report consistent demand for entry-level technicians able to read schematics, troubleshoot, communicate with customers, and work safely in occupied environments. Albuquerque MSA labor-market data (covering Bernalillo, Sandoval, Torrance, and Valencia counties) confirms strong demand and wage progression for HVACR technicians.

## 2. Program Description and Outcomes

The HVACR Certificate develops the core competencies required for safe, entry-level employment and rapid on-the-job advancement. Through classroom instruction and intensive labs, students will learn to install, commission, diagnose, and maintain common HVACR equipment.

Upon successful completion, graduates will be able to:

1. Apply HVACR Math & Measurements – Perform BTU, superheat/subcooling, psychrometric, airflow (CFM), static pressure, and basic electrical calculations.
2. Explain Refrigeration & HVAC Theory – Describe the vapor-compression cycle, heat transfer, psychrometric, combustion basics, and controls logic.
3. Perform Safe Electrical & Controls Work – Interpret schematics; wire low/high voltage circuits; use meters; verify safeties; follow NEC/OSHA practices.
4. Execute Installation & Service Procedures – Braze/purge, evacuate, recover/charge, pressure test, commission, and document system performance to spec.
5. Conduct Airflow & Load Tasks – Measure/diagnose airflow; size ducts at a basic level; assist with residential load calculations and equipment selection.
6. Read Plans & Service Documentation – Interpret wiring diagrams, piping schematics, cut sheets, and service bulletins to plan work and communicate clearly.
7. Practice Professionalism & Compliance – Use PPE; apply lockout/tagout; follow EPA 608 sections and proper refrigerant handling and recordkeeping.

This certificate provides preparation for EPA 608 certification testing and positions students for entry into registered apprenticeship or employer training pipelines.

**3. Evidence of Need**

In the Albuquerque and Central New Mexico region—which includes Valencia County—the occupation of Heating, Air Conditioning, and Refrigeration Mechanics and Installers (SOC 49-9021) is projected to grow by nearly 16% between 2022 and 2032. This translates to roughly 100 annual job openings created by a combination of new positions and workforce turnover. Median wages in the region are about $47,200, with experienced technicians earning closer to $57,250. These figures underscore the stability and earning potential of the HVACR field for new entrants.

Valencia County is part of the Albuquerque Metropolitan Statistical Area (MSA), meaning these regional projections directly reflect the labor market into which UNM–Valencia students will graduate. The county's economy continues to demonstrate a strong base in construction and related trades, with construction and retail trade sectors consistently accounting for more than half of all matched taxable gross receipts. This sustained level of building activity creates ongoing demand for skilled HVACR installation and maintenance professionals who can support both residential and commercial projects.

On a national scale, the U.S. Bureau of Labor Statistics reported a median annual wage of $59,810 for HVACR mechanics and installers as of May 2024. Employment growth is projected to remain steady nationwide, with the HVACR sector recognized as one of the skilled trades least likely to be impacted by automation in the near term. Current job postings in Valencia County and nearby communities such as Los Lunas regularly list openings for HVAC

technicians, installers, and service personnel, further confirming that local employers are actively seeking trained workers.

By creating this certificate program, UNM–Valencia will provide a direct and efficient pathway into a field with strong local, regional, and national demand. The program's emphasis on practical skills, regulatory compliance, and industry-recognized competencies will ensure that graduates are prepared to meet the needs of contractors, facility managers, and service companies throughout the region, supporting both workforce development and the county's broader economic growth.

## 4. Program Content and Quality

The curriculum for the HVACR Certificate consists of the following courses that total 30 credit hours:

HVAC 1105 - Introduction to Fundamentals of Refrigeration - 4 credit hours
HVAC 1115 - Refrigeration Management- 4 credit hours
HVAC 1120 - Motors & Controls- 4 credit hours
HVAC 1238 - Introduction to Sheet Metal Fabrication- 3 credit hours
HVAC 1245 - Gas Heating Furnaces- 4 credit hours
PLMB 1105 - Basic Plumbing, Safety, and Pipe Fitting - 4 credit hours
ELTR 1120 - Electric Theory 1 – 3 credit hours

Plus at least 4 credit hours in:
CNST 2996 -Topics in Construction- 3 credit hours

Industry credential training associated with this certificate includes:

- OSHA 10 Certification
- CPR/AED/First Aid
- Universal CFC Refrigerant Handlers Certification Type I, II, and III

## 5. Evaluation and Assessment

If approved, the Certificate in Electrical Trades will follow the procedure for academic program review set forth by the Office of Assessment at UNM-Albuquerque in concert with the protocols at UNM-Valencia. Internally, UNM-Valencia will track students' progress on an annual basis to ensure their timely graduation from the program.

As with all UNM-Valencia programs and courses, the Certificate in HVACR will be subject to an annual assessment cycle of student learning outcomes and program outcomes evaluation in addition to cyclical program review.

## 6. Required Resources

In terms of physical resources such as classrooms, laboratories, technology, equipment, instructional supplies, and library resources, no significant additional costs are anticipated. However, a small cost for applicable tools and training simulators will be required to support hands-on learning in laboratory courses. All UNM-Valencia faculty have access to the Teaching and Learning Center, which provides training in the latest classroom technologies. All core courses will be conducted face-to-face, emphasizing hands-on laboratory work. The existing classroom and laboratory facilities at the UNM-Valencia Workforce Training Center are sufficient to support this program.

## 7. Projected Enrollment and Costs

We anticipate that this program will be moderate in size, beginning with course enrollments of around ten and approximately ten majors in the first eight years. We hope to increase the program to twelve majors afterwards.

The cost for the program to the student would be comparable to that of existing programs, at the current UNM-Valencia tuition rate of $78.25 per credit hour and applicable course/lab fees.

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## 1. Program Summary

The UNM–Valencia Campus requests permission to offer a 30-credit hour Certificate in HVACR beginning Fall 2026. The program equips students with foundational knowledge and hands-on skills for residential, commercial, and light-industrial heating, cooling, ventilation, and refrigeration work.

The certificate emphasizes system fundamentals, electrical and controls, refrigeration cycle diagnostics, brazing/piping, load calculations, airflow/duct design, and jobsite safety. Graduates will be prepared for entry-level roles such as HVACR installer, service technician, and maintenance technician with contractors, facility services, schools, hospitals, and public agencies throughout central New Mexico. All courses are new UNM–Valencia offerings and will align with EPA 608 requirements and current industry standards (e.g., R-410A/A2L awareness, OSHA).

Regional employers report consistent demand for entry-level technicians able to read schematics, troubleshoot, communicate with customers, and work safely in occupied environments. Albuquerque MSA labor-market data (covering Bernalillo, Sandoval, Torrance, and Valencia counties) confirms strong demand and wage progression for HVACR technicians.

## 2. Program Description and Outcomes

The HVACR Certificate develops the core competencies required for safe, entry-level employment and rapid on-the-job advancement. Through classroom instruction and intensive labs, students will learn to install, commission, diagnose, and maintain common HVACR equipment.

Upon successful completion, graduates will be able to:

1. Apply HVACR Math & Measurements – Perform BTU, superheat/subcooling, psychrometric, airflow (CFM), static pressure, and basic electrical calculations.
2. Explain Refrigeration & HVAC Theory – Describe the vapor-compression cycle, heat transfer, psychrometric, combustion basics, and controls logic.
3. Perform Safe Electrical & Controls Work – Interpret schematics; wire low/high voltage circuits; use meters; verify safeties; follow NEC/OSHA practices.
4. Execute Installation & Service Procedures – Braze/purge, evacuate, recover/charge, pressure test, commission, and document system performance to spec.
5. Conduct Airflow & Load Tasks – Measure/diagnose airflow; size ducts at a basic level; assist with residential load calculations and equipment selection.
6. Read Plans & Service Documentation – Interpret wiring diagrams, piping schematics, cut sheets, and service bulletins to plan work and communicate clearly.
7. Practice Professionalism & Compliance – Use PPE; apply lockout/tagout; follow EPA 608 sections and proper refrigerant handling and recordkeeping.

This certificate provides preparation for EPA 608 certification testing and positions students for entry into registered apprenticeship or employer training pipelines.

**3. Evidence of Need**

In the Albuquerque and Central New Mexico region—which includes Valencia County—the occupation of Heating, Air Conditioning, and Refrigeration Mechanics and Installers (SOC 49-9021) is projected to grow by nearly 16% between 2022 and 2032. This translates to roughly 100 annual job openings created by a combination of new positions and workforce turnover. Median wages in the region are about $47,200, with experienced technicians earning closer to $57,250. These figures underscore the stability and earning potential of the HVACR field for new entrants.

Valencia County is part of the Albuquerque Metropolitan Statistical Area (MSA), meaning these regional projections directly reflect the labor market into which UNM–Valencia students will graduate. The county's economy continues to demonstrate a strong base in construction and related trades, with construction and retail trade sectors consistently accounting for more than half of all matched taxable gross receipts. This sustained level of building activity creates ongoing demand for skilled HVACR installation and maintenance professionals who can support both residential and commercial projects.

On a national scale, the U.S. Bureau of Labor Statistics reported a median annual wage of $59,810 for HVACR mechanics and installers as of May 2024. Employment growth is projected to remain steady nationwide, with the HVACR sector recognized as one of the skilled trades least likely to be impacted by automation in the near term. Current job postings in Valencia County and nearby communities such as Los Lunas regularly list openings for HVAC

technicians, installers, and service personnel, further confirming that local employers are actively seeking trained workers.

By creating this certificate program, UNM–Valencia will provide a direct and efficient pathway into a field with strong local, regional, and national demand. The program's emphasis on practical skills, regulatory compliance, and industry-recognized competencies will ensure that graduates are prepared to meet the needs of contractors, facility managers, and service companies throughout the region, supporting both workforce development and the county's broader economic growth.

## 4. Program Content and Quality

The curriculum for the HVACR Certificate consists of the following courses that total 30 credit hours:

HVAC 1105 - Introduction to Fundamentals of Refrigeration - 4 credit hours
HVAC 1115 - Refrigeration Management- 4 credit hours
HVAC 1120 - Motors & Controls- 4 credit hours
HVAC 1238 - Introduction to Sheet Metal Fabrication- 3 credit hours
HVAC 1245 - Gas Heating Furnaces- 4 credit hours
PLMB 1105 - Basic Plumbing, Safety, and Pipe Fitting - 4 credit hours
ELTR 1120 - Electric Theory 1 – 3 credit hours

Plus at least 4 credit hours in:
CNST 2996 -Topics in Construction- 3 credit hours

Industry credential training associated with this certificate includes:

- OSHA 10 Certification
- CPR/AED/First Aid
- Universal CFC Refrigerant Handlers Certification Type I, II, and III

## 5. Evaluation and Assessment

If approved, the Certificate in Electrical Trades will follow the procedure for academic program review set forth by the Office of Assessment at UNM-Albuquerque in concert with the protocols at UNM-Valencia. Internally, UNM-Valencia will track students' progress on an annual basis to ensure their timely graduation from the program.

As with all UNM-Valencia programs and courses, the Certificate in HVACR will be subject to an annual assessment cycle of student learning outcomes and program outcomes evaluation in addition to cyclical program review.

## 6. Required Resources

In terms of physical resources such as classrooms, laboratories, technology, equipment, instructional supplies, and library resources, no significant additional costs are anticipated. However, a small cost for applicable tools and training simulators will be required to support hands-on learning in laboratory courses. All UNM-Valencia faculty have access to the Teaching and Learning Center, which provides training in the latest classroom technologies. All core courses will be conducted face-to-face, emphasizing hands-on laboratory work. The existing classroom and laboratory facilities at the UNM-Valencia Workforce Training Center are sufficient to support this program.

## 7. Projected Enrollment and Costs

We anticipate that this program will be moderate in size, beginning with course enrollments of around ten and approximately ten majors in the first eight years. We hope to increase the program to twelve majors afterwards.

The cost for the program to the student would be comparable to that of existing programs, at the current UNM-Valencia tuition rate of $78.25 per credit hour and applicable course/lab fees.

Higher Learning Commission

230 South LaSalle Street, Suite 7-500
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January 16, 2026

Dr. Garnett Stokes
President
University of New Mexico
1 University of New Mexico MSC05 3300
Albuquerque, New Mexico 87131

Dear President Stokes:

This letter serves as formal notification and official record of action taken concerning University of New Mexico by the Institutional Actions Council of the Higher Learning Commission at its meeting on January 13, 2026. The date of this action constitutes the effective date of the institution's new status with HLC.

**Action.** IAC approved University of New Mexico's request for the certificates, Certificate in HVACR (Heating, Ventilation, Air Conditioning & Refrigeration), Certificate in Electrical Trades and Certificate in Plumbing Trades.

| CIP Code | Program Name | Program Level | Credit Hours |
|---|---|---|---|
| 15.0407 | Certificate in HVACR (Heating, Ventilation, Air Conditioning & Refrigeration) | Pre-Associates Certificate | 30 |
| 47.0101 | Certificate in Electrical Trades | Pre-Associates Certificate | 30 |
| 46.0503 | Certificate in Plumbing Trades | Pre-Associates Certificate | 30 |

In taking this action, the IAC considered materials from the most recent evaluation and the institutional response (if applicable) to the evaluation findings.

In two weeks, this action will be added to the *Institutional Status and Requirements (ISR) Report*, a resource for Accreditation Liaison Officers to review and manage information regarding the institution's accreditation relationship. Accreditation Liaison Officers may download the ISR Report on HLC's website at https://www.hlcommission.org/isr-request.

Within the next 30 days, HLC will also publish information about this action on its website at https://www.hlcommission.org/Student-Resources/recent-actions.html.

Please note: Revisions to HLC's Criteria for Accreditation and Assumed Practices will go into effect on September 1, 2025. Institutions will be evaluated against these revised HLC requirements for all reviews conducted after that date, including reviews related to previously assigned monitoring. Institutional reports submitted on or after September 1, 2025, or institutional reports or Assurance Arguments for visits that will take place on or after September 1, 2025, should be written to the revised version of the Criteria or Assumed Practices as applicable. More information, including a crosswalk between the current and revised versions of the Criteria, is available on HLC's website at https://www.hlcommission.org/criteria.

If you have any questions about these documents after viewing them, please contact the institution's staff liaison Anthea Sweeney. Your cooperation in this matter is appreciated.

Sincerely,

Barbara Gellman-Danley

Barbara Gellman-Danley
President

CC: ALO

UNM VALENCIA

# Plumbing Trades Certificate

SSTAR Presentation February 17, 2026

# Rationale

**UNM-Valencia requests permission to offer a 30-credit hour Certificate in Plumbing Trades, launching in the Fall of 2026. This program is designed to equip students with foundational knowledge and hands-on skills necessary for careers in residential, commercial, and industrial plumbing.**

**UNM-Valencia has identified a growing demand for skilled plumbing professionals in central New Mexico, particularly in Valencia County. The construction industry plays a significant role in the county's economy, accounting for 15% of Valencia County's GDP in 2023, and experiencing an employment increase of over 500 jobs since 2019 and nearly 1,400 jobs since 2016. Employment in plumbing and pipefitting trades has grown substantially, reflecting a strong need for trained professionals in this field. Additionally, the county's construction employment concentration is twice that of the state average, reinforcing the need for a skilled workforce in plumbing trades.**

# Students and Outcomes

**The Plumbing Trades Certificate at UNM-Valencia equips students with the fundamental skills and knowledge required for entry-level positions in the plumbing industry. The program focuses on core plumbing concepts, hands-on applications, and safety standards essential for residential and commercial plumbing work. Through a combination of classroom instruction and practical lab experience, students will develop proficiency in pipe fitting, plumbing code compliance, and system installation.**

**Upon successful completion of the program, graduates will be able to:**
**-- Apply Plumbing Mathematics – Perform calculations related to fluid flow, pipe sizing, and pressure loss using fundamental mathematical principles.**
**-- Understand Plumbing Theory – Explain key plumbing concepts such as water supply systems, drainage, venting, and fixture installation.**
**-- Demonstrate Pipe Fitting Skills – Install, troubleshoot, and repair plumbing systems following national and local plumbing codes.**
**-- Interpret Plumbing Blueprints and Diagrams – Read and analyze plumbing schematics, blueprints, and installation layouts for residential and commercial projects.**
**-- Practice Safe Plumbing Procedures – Follow industry safety protocols, use proper personal protective equipment (PPE), and comply with OSHA regulations.**

# Required Resources

- The program will be housed at the Vocational Lab space at the UNM-Valencia Workforce Training Center. The needed equipment and supplies will be purchased from Carl Perkins Grant funding; thus, there are no additional technology or equipment costs associated with this program.

- The instructional needs of this program will be met via the use of adjunct instructors. We plan to run two sections of plumbing courses per semester, for a total instructional cost of $9,082.08 per semester (at four credits per course).

- For the students, there will be no additional course fees associated with this program. At $78.25 per credit hour, the total cost of this program will be $2,347.50.

- We anticipate ten majors for the first year of the program, growing to fifteen the second year, and twenty the third year.

OFFICE OF ACADEMIC AFFAIRS

From: Dr. Pamela Cheek, Vice Provost for Student Success
To: Dean Laura Musselwhite, UNM-Valencia
Re: Proposal for a Certificate in Plumbing Trades
Date: September 16, 2025

---

On behalf of the Office of the Provost and EVP for Academic Affairs, I support this proposal for a Certificate in Plumbing Trades and approve formal submission of the proposal for review. I would like to request that the full proposal for this Certificate, in combination with the full proposals for the Certificate in HVACR and the Certificate in Electrical Trades, clarify how this significant collective addition to your CTE programming will be addressed with respect to existing and needed instructional capacity. The proposals at present do not identify significant resource needs beyond those at the course fee level and do not explain how instructional capacity needs will be met.

THE UNIVERSITY of NEW MEXICO
New Mexico's Flagship University

Office of the Provost and Executive Vice President for Academic Affairs
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1 University of New Mexico
Albuquerque, NM 87131-0001
505.277.2611

**NEW CERTIFICATE PROGRAM**
**PRELIMINARY REVIEW AND PROPOSAL OUTLINE**
**UNM-Valencia, Certificate in Plumbing Trades**

## 1. Program Summary

The UNM-Valencia Campus requests permission to offer a 30-credit hour Certificate in Plumbing Trades, launching in the Fall of 2026. This program is designed to equip students with foundational knowledge and hands-on skills necessary for careers in residential, commercial, and industrial plumbing.

## 2. Program Description and Outcomes

The Plumbing Trades Certificate at UNM-Valencia equips students with the fundamental skills and knowledge required for entry-level positions in the plumbing industry. The program focuses on core plumbing concepts, hands-on applications, and safety standards essential for residential and commercial plumbing work. Through a combination of classroom instruction and practical lab experience, students will develop proficiency in pipe fitting, plumbing code compliance, and system installation.

Upon successful completion of the program, graduates will be able to:

1. **Apply Plumbing Mathematics** – Perform calculations related to fluid flow, pipe sizing, and pressure loss using fundamental mathematical principles.
2. **Understand Plumbing Theory** – Explain key plumbing concepts such as water supply systems, drainage, venting, and fixture installation.
3. **Demonstrate Pipe Fitting Skills** – Install, troubleshoot, and repair plumbing systems following national and local plumbing codes.
4. **Interpret Plumbing Blueprints and Diagrams** – Read and analyze plumbing schematics, blueprints, and installation layouts for residential and commercial projects.
5. **Practice Safe Plumbing Procedures** – Follow industry safety protocols, use proper personal protective equipment (PPE), and comply with OSHA regulations.

3. **Evidence of Need**

   UNM-Valencia has identified a growing demand for skilled plumbing professionals in central New Mexico, particularly in Valencia County. The construction industry plays a significant role in the county's economy, accounting for 15% of Valencia County's GDP in 2023, and experiencing an employment increase of over 500 jobs since 2019 and nearly 1,400 jobs since 2016. Employment in plumbing and pipefitting trades has grown substantially, reflecting a strong need for trained professionals in this field. Additionally, the county's construction employment concentration is twice that of the state average, reinforcing the need for a skilled workforce in plumbing trades.

4. **Program Content and Quality**

   - PLMB 1105 (Basic Plumbing, Safety, and Pipe Fitting) - 4 credit hours
   - PLMB 1112 (Plumbing I) – 4 credit hours
   - PLMB 1113 (Plumbing II) - 4 credit hours
   - PLMB 1117 (Soldering and Brazing) - 4 credit hours
   - PLMB 2211 (Plumbing Code) - 3 credit hours
   - ELTR 1120 - Electric Theory 1 – 3 credit hours
   - HVAC1105 - Introduction to Fundamentals of Refrigeration – 4 credit hours

   Plus at least 4 credit hours in:

   - CNST 2996- Topics in Construction

5. **Evaluation and Assessment**

   If approved, the Certificate in Plumbing Trades will follow the procedure for academic program review set forth by the Office of Assessment at UNM-Albuquerque in concert with the protocols at UNM-Valencia. Internally, UNM-Valencia will track students' progress on an annual basis to ensure their timely graduation from the program. As with all UNM-Valencia programs and courses, the Certificate in Plumbing Trades will be subject to an annual assessment cycle of student learning outcomes and program outcomes evaluation in addition to cyclical program review.

6. **Required Resources**

   In terms of physical resources such as classrooms, laboratories, technology, equipment, instructional supplies, and library resources, no significant additional costs are anticipated. However, a small cost for plumbing supplies such as pipe cutters, wrenches, and updated plumbing training panels will be required to support hands-on learning in laboratory courses.

7. **Projected Enrollment and Costs**

   We anticipate that this program will be moderate in size, beginning with course enrollments of around ten and approximately ten majors in the first eight years. We hope to increase the program to twelve majors afterwards. The cost for the program to the student would be comparable to that of existing programs, at the current UNM-Valencia tuition rate of $78.25 per credit hour and applicable course/lab fees.

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**NEW CERTIFICATE PROGRAM**
**PRELIMINARY REVIEW AND PROPOSAL OUTLINE**
**UNM-Valencia, Certificate in Plumbing Trades**

## 1. Program Summary

The UNM-Valencia Campus requests permission to offer a 30-credit hour Certificate in Plumbing Trades, launching in the Fall of 2026. This program is designed to equip students with foundational knowledge and hands-on skills necessary for careers in residential, commercial, and industrial plumbing.

The primary goal of this certificate is to provide students with training in plumbing systems, pipe fitting, and safety protocols to meet the growing demand for skilled plumbers in New Mexico. The program will prepare graduates for entry-level positions as plumbers, plumbing technicians, and pipefitters. Employers in the region, including local contractors, public utilities, and construction companies, have expressed a need for a workforce trained in plumbing installation and maintenance.

This program will consist of core courses that cover plumbing fundamentals, safety regulations, and plumbing codes. Additionally, students will engage in practical lab experiences that reinforce classroom learning and prepare them for real-world applications. The curriculum aligns with industry standards and can serve as a steppingstone for students interested in pursuing journeyman licensing or further education in plumbing and mechanical trades.

All courses in this certificate program are new offerings at UNM-Valencia and will be developed in alignment with state and national plumbing codes.

## 2. Program Description and Outcomes

The Plumbing Trades Certificate at UNM-Valencia equips students with the fundamental skills and knowledge required for entry-level positions in the plumbing industry. The program focuses

on core plumbing concepts, hands-on applications, and safety standards essential for residential and commercial plumbing work. Through a combination of classroom instruction and practical lab experience, students will develop proficiency in pipe fitting, plumbing code compliance, and system installation.

Upon successful completion of the program, graduates will be able to:

1. **Apply Plumbing Mathematics** – Perform calculations related to fluid flow, pipe sizing, and pressure loss using fundamental mathematical principles.
2. **Understand Plumbing Theory** – Explain key plumbing concepts such as water supply systems, drainage, venting, and fixture installation.
3. **Demonstrate Pipe Fitting Skills** – Install, troubleshoot, and repair plumbing systems following national and local plumbing codes.
4. **Interpret Plumbing Blueprints and Diagrams** – Read and analyze plumbing schematics, blueprints, and installation layouts for residential and commercial projects.
5. **Practice Safe Plumbing Procedures** – Follow industry safety protocols, use proper personal protective equipment (PPE), and comply with OSHA regulations.

This certificate prepares students for employment opportunities as plumbing apprentices, residential or commercial plumbers, or pipefitters in construction and maintenance settings. It also serves as a foundational step toward further education and industry certifications in the plumbing trades.

### 3. Evidence of Need

UNM-Valencia has identified a growing demand for skilled plumbing professionals in central New Mexico, particularly in Valencia County. The construction industry plays a significant role in the county's economy, accounting for 15% of Valencia County's GDP in 2023, and experiencing an employment increase of over 500 jobs since 2019 and nearly 1,400 jobs since 2016. Employment in plumbing and pipefitting trades has grown substantially, reflecting a strong need for trained professionals in this field. Additionally, the county's construction employment concentration is twice that of the state average, reinforcing the need for a skilled workforce in plumbing trades.

Valencia County is projected to continue its growth, with the population increasing by 3.6% from 2020 to 2023, making it the fourth fastest-growing county in New Mexico. With more people moving into the region, there is an increasing demand for housing and infrastructure, both of which require qualified plumbers. Currently, plumbing positions in the region offer competitive wages, with openings such as Plumbing Foreman roles in nearby Los Lunas paying between $35 and $60 per hour. The statewide plumbing industry is projected to reach $553.9 million by 2025, highlighting a strong market for plumbing services. Furthermore, the U.S. Bureau of Labor Statistics anticipates a 6% national growth rate for plumbers, pipefitters, and steamfitters from 2023 to 2033, outpacing the average job growth rate.

The Plumbing Trades Certificate will directly address this workforce gap by equipping students with industry-relevant skills that align with employer needs. The program's hands-on training in plumbing system installation, pipefitting, and plumbing code compliance will prepare graduates for entry-level positions with local contractors, public utilities, and construction firms. The long-term employment outlook is promising, as the statewide demand for plumbers is expected to grow steadily due to new construction, infrastructure upgrades, and workforce turnover.

By launching this certificate program, UNM-Valencia will provide students with a direct pathway into a high-demand, well-paying industry while supporting regional economic development. The availability of trained plumbers will help sustain the county's rapid growth and meet the needs of both residential and commercial construction projects in the coming years.

**4. Program Content and Quality**

The curriculum for the Certificate in Plumbing Trades consists of the following courses that total 30 credit hours:

- PLMB 1105 (Basic Plumbing, Safety, and Pipe Fitting) - 4 credit hours
- PLMB 1112 (Plumbing I) – 4 credit hours
- PLMB 1113 (Plumbing II) - 4 credit hours
- PLMB 1117 (Soldering and Brazing) - 4 credit hours
- PLMB 2211 (Plumbing Code) - 3 credit hours
- ELTR 1120 - Electric Theory 1 – 3 credit hours
- HVAC1105 - Introduction to Fundamentals of Refrigeration – 4 credit hours

Plus at least 4 credit hours in:

- CNST 2996- Topics in Construction

Industry credential training associated with this certificate includes:

- OSHA 10 Certification
- CPR/AED/First Aid
- NCCER Plumbing Level 1
- NCCER Plumbing Level 2

**5. Evaluation and Assessment**

If approved, the Certificate in Plumbing Trades will follow the procedure for academic program review set forth by the Office of Assessment at UNM-Albuquerque in concert with the protocols at UNM-Valencia. Internally, UNM-Valencia will track students' progress on an annual basis to ensure their timely graduation from the program.

As with all UNM-Valencia programs and courses, the Certificate in Plumbing Trades will be subject to an annual assessment cycle of student learning outcomes and program outcomes evaluation in addition to cyclical program review.

## 6. Required Resources

In terms of physical resources such as classrooms, laboratories, technology, equipment, instructional supplies, and library resources, no significant additional costs are anticipated. However, a small cost for plumbing supplies such as pipe cutters, wrenches, and updated plumbing training panels will be required to support hands-on learning in laboratory courses. All UNM-Valencia faculty have access to the Teaching and Learning Center, which provides training in the latest classroom technologies. All core courses will be conducted face-to-face, emphasizing hands-on laboratory work. The existing classroom and laboratory facilities at the UNM-Valencia Workforce Training Center are sufficient to support this program.

## 7. Projected Enrollment and Costs

We anticipate that this program will be moderate in size, beginning with course enrollments of around ten and approximately ten majors in the first eight years. We hope to increase the program to twelve majors afterwards.

The cost for the program to the student would be comparable to that of existing programs, at the current UNM-Valencia tuition rate of $78.25 per credit hour and applicable course/lab fees.

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January 16, 2026

Dr. Garnett Stokes
President
University of New Mexico
1 University of New Mexico MSC05 3300
Albuquerque, New Mexico 87131

Dear President Stokes:

This letter serves as formal notification and official record of action taken concerning University of New Mexico by the Institutional Actions Council of the Higher Learning Commission at its meeting on January 13, 2026. The date of this action constitutes the effective date of the institution's new status with HLC.

**Action.** IAC approved University of New Mexico's request for the certificates, Certificate in HVACR (Heating, Ventilation, Air Conditioning & Refrigeration), Certificate in Electrical Trades and Certificate in Plumbing Trades.

| CIP Code | Program Name | Program Level | Credit Hours |
|---|---|---|---|
| 15.0407 | Certificate in HVACR (Heating, Ventilation, Air Conditioning & Refrigeration) | Pre-Associates Certificate | 30 |
| 47.0101 | Certificate in Electrical Trades | Pre-Associates Certificate | 30 |
| 46.0503 | Certificate in Plumbing Trades | Pre-Associates Certificate | 30 |

In taking this action, the IAC considered materials from the most recent evaluation and the institutional response (if applicable) to the evaluation findings.

In two weeks, this action will be added to the *Institutional Status and Requirements (ISR) Report*, a resource for Accreditation Liaison Officers to review and manage information regarding the institution's accreditation relationship. Accreditation Liaison Officers may download the ISR Report on HLC's website at https://www.hlcommission.org/isr-request.

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Please note: Revisions to HLC's Criteria for Accreditation and Assumed Practices will go into effect on September 1, 2025. Institutions will be evaluated against these revised HLC requirements for all reviews conducted after that date, including reviews related to previously assigned monitoring. Institutional reports submitted on or after September 1, 2025, or institutional reports or Assurance Arguments for visits that will take place on or after September 1, 2025, should be written to the revised version of the Criteria or Assumed Practices as applicable. More information, including a crosswalk between the current and revised versions of the Criteria, is available on HLC's website at https://www.hlcommission.org/criteria.

If you have any questions about these documents after viewing them, please contact the institution's staff liaison Anthea Sweeney. Your cooperation in this matter is appreciated.

Sincerely,

Barbara Gellman-Danley

Barbara Gellman-Danley
President

CC: ALO

# Electrical Trades Certificate

SSTAR Presentation February 17, 2026

# Rationale

**UNM-Valencia requests permission to offer a 30-credit hour Certificate in Electrical Trades, launching in the Fall of 2026. This program is designed to equip students with foundational knowledge and hands-on skills necessary for careers in residential, commercial, and industrial electrical work.**

**UNM-Valencia has identified a growing demand for skilled electrical workers in central New Mexico, particularly in Valencia County. The construction industry plays a significant role in the county's economy, accounting for 15% of Valencia County's GDP in 2023, and experiencing an employment increase of over 500 jobs since 2019 and nearly 1,400 jobs since 2016. Employment in nonresidential electrical and wiring contracting has grown by an impressive 683% since 2016, reflecting a strong need for trained professionals in this field. Additionally, the county's construction employment concentration is twice that of the state average, reinforcing the need for a skilled workforce in electrical trades.**

# Students and Outcomes

**The Electrical Trades Certificate at UNM-Valencia equips students with the fundamental skills and knowledge required for entry-level positions in the electrical industry. The program focuses on core electrical concepts, hands-on applications, and safety standards essential for residential and commercial electrical work. Through a combination of classroom instruction and practical lab experience, students will develop proficiency in electrical math, wiring techniques, and electrical theory.**

**Upon successful completion of the program, graduates will be able to:**
**-- Apply Electrical Mathematics – Perform calculations related to electrical circuits, load analysis, and voltage drop using fundamental mathematical principles.**
**-- Understand Electrical Theory – Explain key electrical concepts such as Ohm's Law, AC/DC circuits, power distribution, and electrical safety codes.**
**-- Demonstrate Residential Wiring Skills – Install, troubleshoot, and repair residential wiring systems following National Electrical Code (NEC) standards.**
**-- Interpret Electrical Blueprints and Diagrams – Read and analyze wiring diagrams, schematics, and electrical layouts for residential and commercial projects.**
**-- Practice Safe Electrical Procedures – Follow industry safety protocols, use proper personal protective equipment (PPE), and comply with OSHA regulations.**

# Required Resources

- **The program will be housed at the Vocational Lab space at the UNM-Valencia Workforce Training Center. The needed equipment and supplies will be purchased from Carl Perkins Grant funding; thus, there are no additional technology or equipment costs associated with this program.**

- **The instructional needs of this program will be met via the use of adjunct instructors. We plan to run two sections of electrical courses per semester, for a total instructional cost of $9,082.08 per semester (at four credits per course).**

- **For the students, there will be no additional course fees associated with this program. At $78.25 per credit hour, the total cost of this program will be $2,347.50.**

- **We anticipate ten majors for the first year of the program, growing to fifteen the second year, and twenty the third year.**

OFFICE OF ACADEMIC AFFAIRS

From: Dr. Pamela Cheek, Vice Provost for Student Success
To: Dean Laura Musselwhite, UNM-Valencia
Re: Proposal for a Certificate in Electrical Trades
Date: September 16, 2025

---

On behalf of the Office of the Provost and EVP for Academic Affairs, I support this proposal for a Certificate in Electrical Trades and approve formal submission of the proposal for review. I would like to request that the full proposal for this Certificate, in combination with the full proposals for the Certificate in Plumbing Trades and the Certificate in HVACR, clarify how this significant collective addition to your CTE programming will be addressed with respect to existing and needed instructional capacity. The proposals at present do not identify significant resource needs beyond those at the course fee level and do not explain how instructional capacity needs will be met.

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Albuquerque, NM 87131-0001
505.277.2611

**NEW CERTIFICATE PROGRAM**
**PRELIMINARY REVIEW AND PROPOSAL OUTLINE**
**UNM-Valencia, Certificate in Electrical Trades**

## 1. Program Summary

The UNM-Valencia Campus requests permission to offer a 30-credit hour Certificate in Electrical Trades, launching in the Fall of 2026. This program is designed to equip students with foundational knowledge and hands-on skills necessary for careers in residential, commercial, and industrial electrical work.

The primary goal of this certificate is to provide students with training in electrical systems, wiring, and safety protocols to meet the growing demand for skilled electricians in New Mexico. The program will prepare graduates for entry-level positions as electricians, electrical technicians, and maintenance personnel. Employers in the region, including local contractors, public utilities, and manufacturing industries, have expressed a need for a workforce trained in electrical installation and troubleshooting.

This program will consist of core courses that cover electrical theory, electrical math, and residential wiring. Additionally, students will engage in practical lab experiences that reinforce classroom learning and prepare them for real-world applications. The curriculum aligns with industry standards and can serve as a steppingstone for students interested in pursuing journeyman licensing or further education in electrical engineering or advanced trades training. All courses in this certificate program are new offerings at UNM-Valencia and will be developed in alignment with state and national electrical codes.

## 2. Program Description and Outcomes

The Electrical Trades Certificate at UNM-Valencia equips students with the fundamental skills and knowledge required for entry-level positions in the electrical industry. The program focuses

on core electrical concepts, hands-on applications, and safety standards essential for residential and commercial electrical work. Through a combination of classroom instruction and practical lab experience, students will develop proficiency in electrical math, wiring techniques, and electrical theory.

Upon successful completion of the program, graduates will be able to:

1. Apply Electrical Mathematics – Perform calculations related to electrical circuits, load analysis, and voltage drop using fundamental mathematical principles.
2. Understand Electrical Theory – Explain key electrical concepts such as Ohm's Law, AC/DC circuits, power distribution, and electrical safety codes.
3. Demonstrate Residential Wiring Skills – Install, troubleshoot, and repair residential electrical systems following National Electrical Code (NEC) standards.
4. Interpret Electrical Blueprints and Diagrams – Read and analyze wiring diagrams, schematics, and electrical layouts for residential and commercial projects.
5. Practice Safe Electrical Procedures – Follow industry safety protocols, use proper personal protective equipment (PPE), and comply with OSHA regulations.

This certificate prepares students for employment opportunities as electrical apprentices, residential electricians, or technicians in construction and maintenance settings. It also serves as a foundational step toward further education and industry certifications in the electrical trades.

## 3. Evidence of Need

UNM-Valencia has identified a growing demand for skilled electrical workers in central New Mexico, particularly in Valencia County. The construction industry plays a significant role in the county's economy, accounting for 15% of Valencia County's GDP in 2023, and experiencing an employment increase of over 500 jobs since 2019 and nearly 1,400 jobs since 2016. Employment in nonresidential electrical and wiring contractoring has grown by an impressive 683% since 2016, reflecting a strong need for trained professionals in this field. Additionally, the county's construction employment concentration is twice that of the state average, reinforcing the need for a skilled workforce in electrical trades.

Valencia County is projected to continue its growth, with the population increasing by 3.6% from 2020 to 2023, making it the fourth fastest-growing county in New Mexico. With more people moving into the region, there is an increasing demand for housing and infrastructure, both of which require qualified electricians. Furthermore, the county's unemployment data shows that over 16% of unemployment insurance claimants previously worked in the construction industry, indicating a need for workforce training to fill these vacancies and provide career stability.

The electrical trades certificate will directly address this workforce gap by equipping students with industry-relevant skills that align with employer needs. The program's hands-on training in residential wiring, electrical theory, and National Electrical Code (NEC) standards will prepare graduates for entry-level positions with local contractors, public utilities, and construction firms. The long-term employment outlook is promising, as the statewide

demand for electricians is expected to grow by 16% between 2020 and 2030, with 540 annual job openings anticipated due to new positions and workforce turnover.

By launching this certificate program, UNM-Valencia will provide students with a direct pathway into a high-demand, well-paying industry while supporting regional economic development. The availability of trained electricians will help sustain the county's rapid growth and meet the needs of both residential and commercial construction projects in the coming years.

**4. Program Content and Quality**

The curriculum for the Certificate in Electrical Trades consists of the following courses that total 30 credit hours:

ELTR 1015 (Electrical Math I) - 3 credit hours
ELTR 1115 (National Electric Code) – 3 credit hours
ELTR 1120 (Electrical Theory I) - 3 credit hours
ELTR 1147 (Electrical System Fundamentals) - 3 credit hours
ELTR 1150 (Applied Industrial Electricity I) - 4 credit hours
ELTR 1210 (Electrical Theory II) - 4 credit hours
ELTR 1215 (Blueprint Reading I) - 3 credit hours
ELTR 1220 (Introduction to Wiring Lab) - 4 credit hours

Plus at least 3 credit hours in:
ELTR 1996 -Topics in Electricity
and/or
CNST 2996- Topics in Construction

Industry credential training associated with this certificate includes:

- OSHA 10 Certification
- CPR/AED/First Aid

**5. Evaluation and Assessment**

If approved, the Certificate in Electrical Trades will follow the procedure for academic program review set forth by the Office of Assessment at UNM-Albuquerque in concert with the protocols at UNM-Valencia. Internally, UNM-Valencia will track students' progress on an annual basis to ensure their timely graduation from the program.

As with all UNM-Valencia programs and courses, the Certificate in Electrical Trades will be subject to an annual assessment cycle of student learning outcomes and program outcomes evaluation in addition to cyclical program review.

## 6. Required Resources

In terms of physical resources such as classrooms, laboratories, technology, equipment, instructional supplies, and library resources, no significant additional costs are anticipated. However, a small cost for wiring supplies such as wire cutters, wire strippers, and updated electrical training panels will be required to support hands-on learning in laboratory courses. All UNM-Valencia faculty have access to the Teaching and Learning Center, which provides training in the latest classroom technologies. All core courses will be conducted face-to-face, emphasizing hands-on laboratory work. The existing classroom and laboratory facilities at the UNM-Valencia Workforce Training Center are sufficient to support this program.

## 7. Projected Enrollment and Costs

We anticipate that this program will be moderate in size, beginning with course enrollments of around ten and approximately ten majors in the first eight years. We hope to increase the program to twelve majors afterwards.

The cost for the program to the student would be comparable to that of existing programs, at the current UNM-Valencia tuition rate of $78.25 per credit hour and applicable course/lab fees.

THE UNIVERSITY of NEW MEXICO
New Mexico's Flagship University

Office of the Provost and Executive Vice President for Academic Affairs
MSC05 3400
1 University of New Mexico
Albuquerque, NM 87131-0001
505.277.2611

**NEW CERTIFICATE PROGRAM**
**PRELIMINARY REVIEW AND PROPOSAL OUTLINE**
**UNM-Valencia, Certificate in Electrical Trades**

## 1. Program Summary

The UNM-Valencia Campus requests permission to offer a 30-credit hour Certificate in Electrical Trades, launching in the Fall of 2026. This program is designed to equip students with foundational knowledge and hands-on skills necessary for careers in residential, commercial, and industrial electrical work.

## 2. Program Description and Outcomes

The Electrical Trades Certificate at UNM-Valencia equips students with the fundamental skills and knowledge required for entry-level positions in the electrical industry. The program focuses on core electrical concepts, hands-on applications, and safety standards essential for residential and commercial electrical work. Through a combination of classroom instruction and practical lab experience, students will develop proficiency in electrical math, wiring techniques, and electrical theory.

Upon successful completion of the program, graduates will be able to:

1. Apply Electrical Mathematics – Perform calculations related to electrical circuits, load analysis, and voltage drop using fundamental mathematical principles.
2. Understand Electrical Theory – Explain key electrical concepts such as Ohm's Law, AC/DC circuits, power distribution, and electrical safety codes.
3. Demonstrate Residential Wiring Skills – Install, troubleshoot, and repair residential electrical systems following National Electrical Code (NEC) standards.
4. Interpret Electrical Blueprints and Diagrams – Read and analyze wiring diagrams, schematics, and electrical layouts for residential and commercial projects.

5. Practice Safe Electrical Procedures – Follow industry safety protocols, use proper personal protective equipment (PPE), and comply with OSHA regulations.

**3. Evidence of Need**

UNM-Valencia has identified a growing demand for skilled electrical workers in central New Mexico, particularly in Valencia County. The construction industry plays a significant role in the county's economy, accounting for 15% of Valencia County's GDP in 2023, and experiencing an employment increase of over 500 jobs since 2019 and nearly 1,400 jobs since 2016. Employment in nonresidential electrical and wiring contractoring has grown by an impressive 683% since 2016, reflecting a strong need for trained professionals in this field. Additionally, the county's construction employment concentration is twice that of the state average, reinforcing the need for a skilled workforce in electrical trades.

**4. Program Content and Quality**

The curriculum for the Certificate in Electrical Trades consists of the following courses that total 30 credit hours:

ELTR 1015 (Electrical Math I) - 3 credit hours
ELTR 1115 (National Electric Code) – 3 credit hours
ELTR 1120 (Electrical Theory I) - 3 credit hours
ELTR 1147 (Electrical System Fundamentals) - 3 credit hours
ELTR 1150 (Applied Industrial Electricity I) - 4 credit hours
ELTR 1210 (Electrical Theory II) - 4 credit hours
ELTR 1215 (Blueprint Reading I) - 3 credit hours
ELTR 1220 (Introduction to Wiring Lab) - 4 credit hours

Plus at least 3 credit hours in:
ELTR 1996 -Topics in Electricity
and/or
CNST 2996- Topics in Construction

**5. Evaluation and Assessment**

If approved, the Certificate in Electrical Trades will follow the procedure for academic program review set forth by the Office of Assessment at UNM-Albuquerque in concert with the protocols at UNM-Valencia. Internally, UNM-Valencia will track students' progress on an annual basis to ensure their timely graduation from the program. As with all UNM-Valencia programs and courses, the Certificate in Electrical Trades will be subject to an annual assessment cycle of student learning outcomes and program outcomes evaluation in addition to cyclical program review.

## 6. Required Resources

In terms of physical resources such as classrooms, laboratories, technology, equipment, instructional supplies, and library resources, no significant additional costs are anticipated. All core courses will be conducted face-to-face, emphasizing hands-on laboratory work. The existing classroom and laboratory facilities at the UNM-Valencia Workforce Training Center are sufficient to support this program.

## 7. Projected Enrollment and Costs

We anticipate that this program will be moderate in size, beginning with course enrollments of around ten and approximately ten majors in the first eight years. We hope to increase the program to twelve majors afterwards.

The cost for the program to the student would be comparable to that of existing programs, at the current UNM-Valencia tuition rate of $78.25 per credit hour and applicable course/lab fees.

Higher Learning Commission

230 South LaSalle Street, Suite 7-500
Chicago, IL 60604
312.263.0456 | 800.621.7440
Fax: 312.263.7462 | hlcommission.org

January 16, 2026

Dr. Garnett Stokes
President
University of New Mexico
1 University of New Mexico MSC05 3300
Albuquerque, New Mexico 87131

Dear President Stokes:

This letter serves as formal notification and official record of action taken concerning University of New Mexico by the Institutional Actions Council of the Higher Learning Commission at its meeting on January 13, 2026. The date of this action constitutes the effective date of the institution's new status with HLC.

**Action.** IAC approved University of New Mexico's request for the certificates, Certificate in HVACR (Heating, Ventilation, Air Conditioning & Refrigeration), Certificate in Electrical Trades and Certificate in Plumbing Trades.

| CIP Code | Program Name | Program Level | Credit Hours |
|---|---|---|---|
| 15.0407 | Certificate in HVACR (Heating, Ventilation, Air Conditioning & Refrigeration) | Pre-Associates Certificate | 30 |
| 47.0101 | Certificate in Electrical Trades | Pre-Associates Certificate | 30 |
| 46.0503 | Certificate in Plumbing Trades | Pre-Associates Certificate | 30 |

In taking this action, the IAC considered materials from the most recent evaluation and the institutional response (if applicable) to the evaluation findings.

In two weeks, this action will be added to the *Institutional Status and Requirements (ISR) Report*, a resource for Accreditation Liaison Officers to review and manage information regarding the institution's accreditation relationship. Accreditation Liaison Officers may download the ISR Report on HLC's website at https://www.hlcommission.org/isr-request.

Within the next 30 days, HLC will also publish information about this action on its website at https://www.hlcommission.org/Student-Resources/recent-actions.html.

Please note: Revisions to HLC's Criteria for Accreditation and Assumed Practices will go into effect on September 1, 2025. Institutions will be evaluated against these revised HLC requirements for all reviews conducted after that date, including reviews related to previously assigned monitoring. Institutional reports submitted on or after September 1, 2025, or institutional reports or Assurance Arguments for visits that will take place on or after September 1, 2025, should be written to the revised version of the Criteria or Assumed Practices as applicable. More information, including a crosswalk between the current and revised versions of the Criteria, is available on HLC's website at https://www.hlcommission.org/criteria.

If you have any questions about these documents after viewing them, please contact the institution's staff liaison Anthea Sweeney. Your cooperation in this matter is appreciated.

Sincerely,

Barbara Gellman-Danley

Barbara Gellman-Danley
President

CC: ALO

# Overview

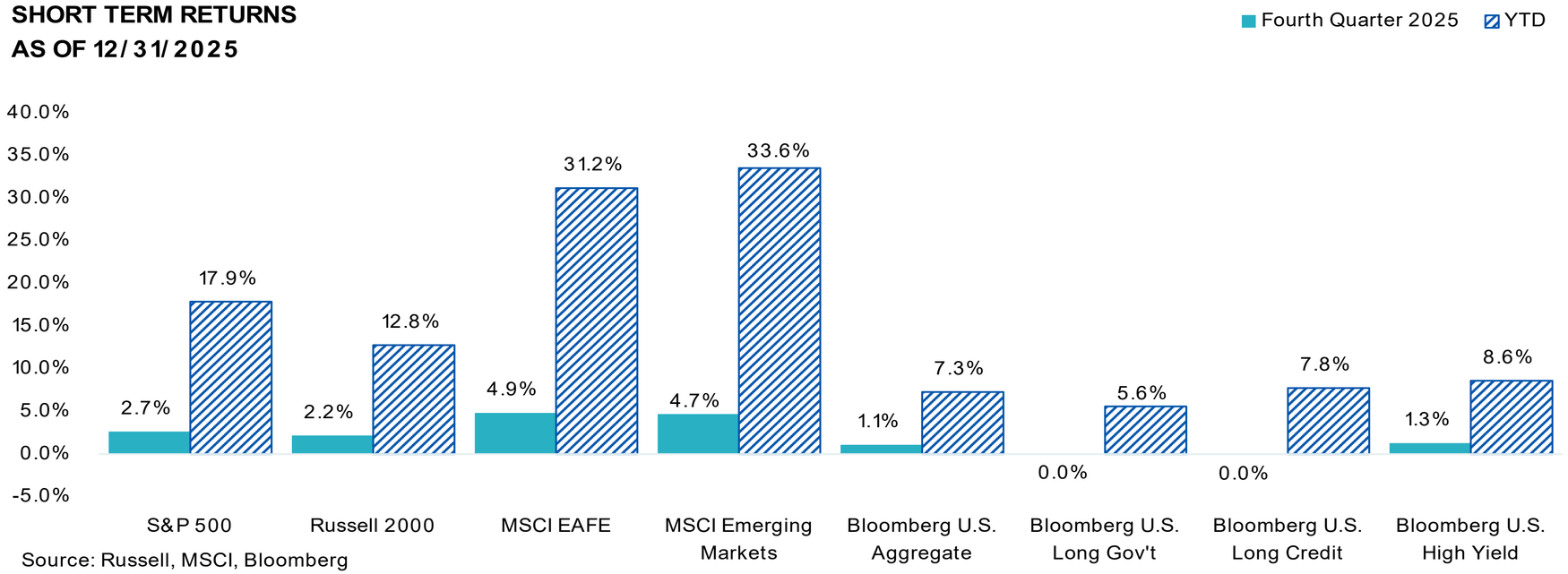
**The following slides provide an update on the University of New Mexico's Operating Fixed Income Portfolio as of December 31, 2025**

Portfolio Performance

Current Portfolio Positioning

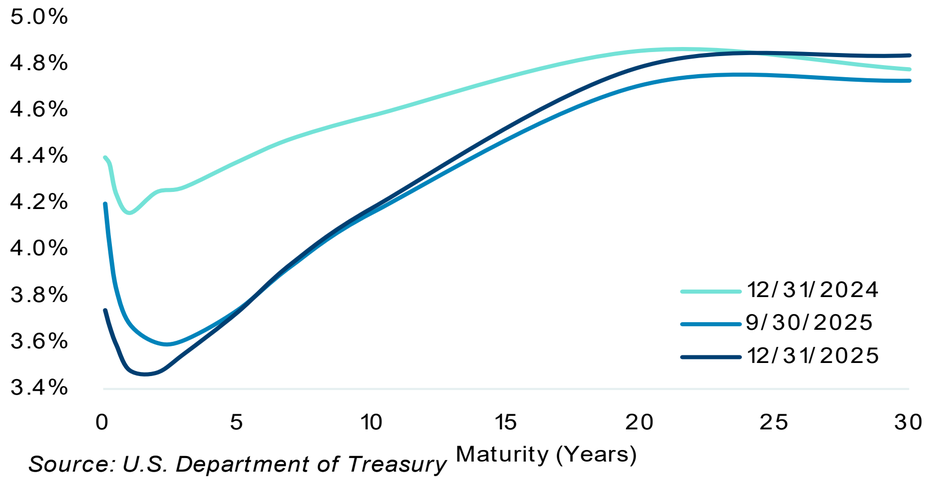
# Market Highlights

**SHORT TERM RETURNS**
**AS OF 12/31/2025**




Source: Russell, MSCI, Bloomberg
MSCI Indices show net total returns throughout this report. All other indices show gross total returns.

**U.S. TREASURY YIELD CURVE**




*Source: U.S. Department of Treasury*

| | 4Q Return | 2025 Return |
|---|---|---|
| *Blmbg. 1-3 Year Gov/Credit Index* | 1.2% | 5.3% |
| *Blmbg. 1-5 Year Gov/Credit Index* | 1.2% | 6.1% |

# Operating Fixed Income Portfolio -- Performance Summary

**Trailing Period Performance as of 12/31/2025**

| | UNM Operating Fixed Income Portfolio |
|---|---|
| 2016 | 1.0% |
| 2017 | 1.1 |
| 2018 | 1.3 |
| 2019 | 4.1 |
| 2020 | 4.3 |
| 2021 | -0.8 |
| 2022 | -4.3 |
| 2023 | 4.7 |
| 2024 | 4.6 |
| 2025 | 6.0 |
| 4th Quarter | 1.1% |
| FYTD | 2.6 |
| Trailing 1 Year | 6.0 |
| Trailing 3 Years | 5.1 |
| Trailing 5 Years | 2.0 |
| Trailing 10 Years | 2.2 |

**The Operating Fixed Income Portfolio earned its three highest calendar returns of the last decade from 2023-2025**

**As of year end, the University had $445.1 million in total operating fixed income assets**

# Operating Fixed Income Portfolio -- Performance Summary Relative to Benchmark

**Trailing Period Performance as of 12/31/2025**

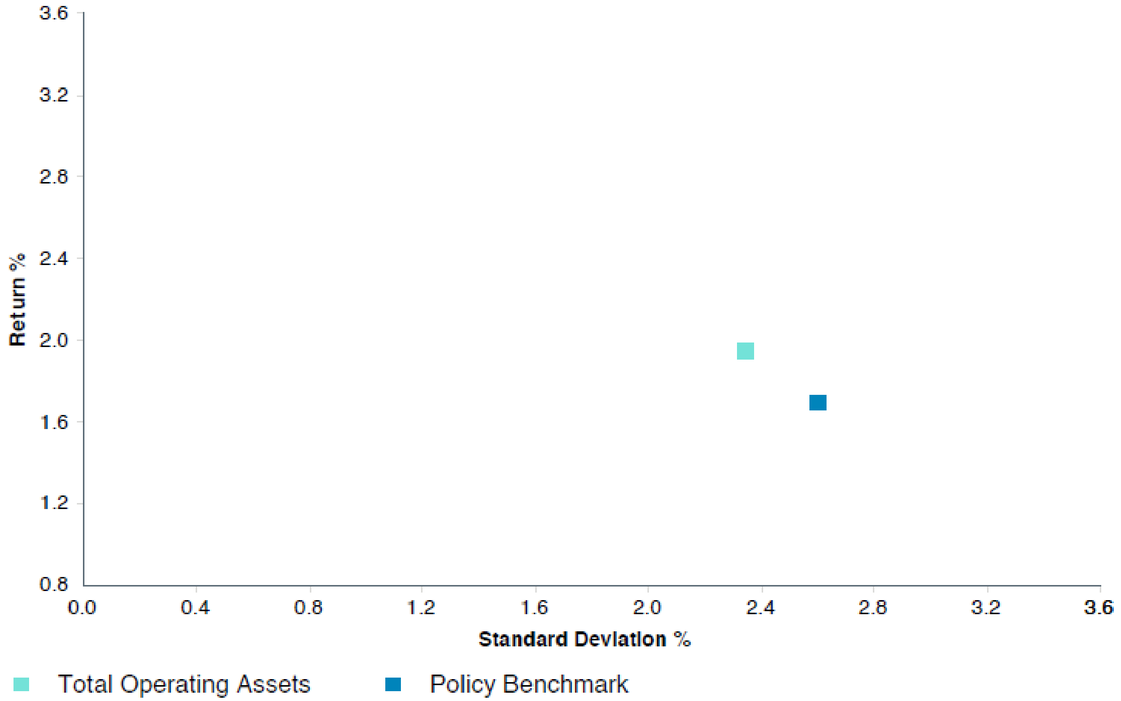
| | Fourth Quarter | Fiscal Year-to-Date | Trailing 1 Year | Trailing 3 Years | Trailing 5 Years |
|---|---|---|---|---|---|
| Total Operating Fixed Income Portfolio | 1.1% | 2.6% | 6.0% | 5.1% | 2.0% |
| *Policy Benchmark* | *1.2* | *2.4* | *5.8* | *4.9* | *1.7* |
| Loomis Sayles | 1.1% | 2.7% | 6.2% | 5.1% | 1.7% |
| *Blmbg. 1-5 Year Gov/Credit Index* | *1.2* | *2.5* | *6.1* | *4.9* | *1.6* |
| SLC Management | 1.1% | 2.5% | 5.5% | 5.1% | 2.5% |
| *Blmbg. 1-3 Year Gov/Credit Index* | *1.2* | *2.4* | *5.3* | *4.8* | *2.0* |

**The Operating Fixed Income Portfolio has generally earned returns that have modestly outpaced its benchmark over time**

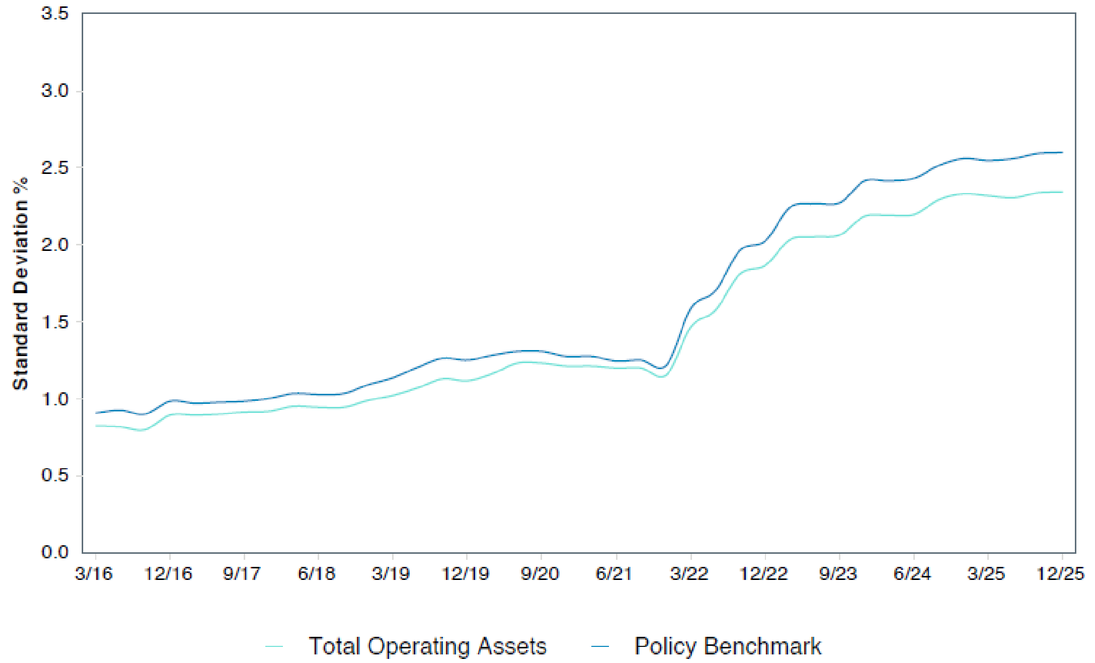
Returns presented above are net of investment management fees

# Operating Fixed Income Risk Profile – as of December 31, 2025

**Annualized Return vs. Annualized Standard Deviation**
**5 Years**




**Standard Deviation**
**Rolling 5 Years**




**The Operating Fixed Income Portfolio has generated above-benchmark returns while generally incurring a below-benchmark level of volatility**

# Fixed Income Asset Class Objectives

| Fixed Income Category | Objective / Role in Portfolio |
|---|---|
| Money Market / Cash / Cash Equivalents | Safety & Liquidity |
| U.S. Treasury / Agency Bonds | Safety & Liquidity |
| Investment Grade Corporate Bonds | Safety & Liquidity, Income & Yield |
| Securitized Bonds (ABS, MBS, etc.) | Safety & Liquidity, Income & Yield |

**Per Administrative Policies and Procedures Manual Policy 7610 (Investment Management):**

*“Safety and liquidity are the overriding objectives of this policy…yield is a secondary consideration”*

**All assets held within the Operating Fixed Income Portfolio are what we would deem to be “safety assets”**

Investment Grade Corporate Bonds and Securitized Bonds should produce more yield than Treasury / Agencies and Cash Equivalents, but these are also relatively conservative investments

- Corporate bond exposure is investment grade; securitized holdings are rated at least AA-

# Operating Fixed Income Portfolio as of December 31, 2025 + Forward Looking Forecast*

| Investment Instrument | UNM Operating Fixed Income Portfolio | Preferred Range (%) | Maximum % of Investment Funds |
|---|---|---|---|
| U.S. Government Obligations (Treasuries) | 43.8% | 30 – 60% | 100% |
| U.S. Gov't Agencies (guaranteed by full faith + credit of the U.S.) | -- | 30 – 60 | 100 |
| U.S. Gov't Agencies (non-full faith + credit) | -- | 20 – 60 | 75 |
| Taxable and/or Tax-Exempt Municipal Bonds | 0.5 | 0 – 20 | 25 |
| Corporate Bonds – BBB-/Baa3 rated or higher | 44.5 | 20 – 40 | 75 |
| Money Market Funds | -- | 0 – 20 | 100 |
| Industrial Floaters | -- | 0 – 10 | 10 |
| Certificates of Deposit ("CD") | -- | 0 – 5 | 10 |
| Commercial Paper | -- | 0 – 5 | 10 |
| Federal Funds or Bankers' Acceptances | -- | 0 – 5 | 10 |
| Global Fixed Income Securities | -- | 0 – 15 | 20 |
| Private Placements (144A's) | 8.9** | 0 – 15 | 20 |
| Securitized Bonds (ABS, MBS, CLOs) | 9.9 | 0 – 15 | 20 |
| Cash & Equivalents | 1.2 | -- | -- |

| | UNM Operating Fixed Income Portfolio |
|---|---|
| Forecasted Nominal Return* | 4.1% |
| Forecasted Real Return* | 1.7 |
| Forecasted Volatility* | 1.9 |

*Aon 10 Year Capital Market Assumptions, Short Duration Gov't / Credit Fixed Income

**Private Placements (144A's) allocation is also included within Securitized Bonds + IG Corporate Bonds

# Legal Disclosures and Disclaimers

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Aon Investments USA Inc.
200 E. Randolph Street
Chicago, IL 60601
ATTN: Aon Investments Compliance Officer

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OFFICE OF PLANNING, BUDGET & ANALYSIS

**MEMORANDUM**

TO: Members of the Board of Regents' Finance & Facilities Committee

THRU: Teresa Costantinidis, EVP for Finance and Administration

FROM: Vahid Staples, Associate Director, Office of Planning, Budget & Analysis

DATE: February 4th, 2026

**SUBJECT: Future Approval Request for System Improvement and Refunding Revenue Bonds UNM Series 2026**

***Purpose***

The Administration wishes to provide advance notice to the Board of Regents that a request for approval of a System Improvement and Refunding Revenue Bond issuance, designated as UNM Series 2026, will be brought forward for consideration at the March 2026 Board meeting.

This memorandum is intended to introduce the proposed financing, outline the projects anticipated to be funded, and preview the information that will be presented for formal consideration.

***Project Background and Rationale***

The University of New Mexico has successfully secured State capital outlay funding through several recent legislative sessions. In many cases, successful execution of these capital projects requires a combination of State and institutional funding. Additionally, there are priority infrastructure and renewal projects for which the opportunity to secure State funding is limited or unlikely.

With the voter approval of the State of New Mexico 2024 General Obligation Bond (GOB) and the requirement for matching funds, along with the need to advance other critical University projects, UNM is well positioned to move forward with a comprehensive institutional bond issuance and refunding package.

***Proposed UNM Series 2026 Bond-Funded Projects***

The proposed UNM Series 2026 Improvement Revenue Bonds would provide funding for the following three projects:

- Humanities and Social Sciences Complex $19,000,000
- Johnson Center – Renewal and Infrastructure Improvements $3,390,000
- Geothermal Project $8,000,000

***Items to Be Presented at the March 2026 Meeting***

At the March 2026 Finance & Facilities Committee and Board of Regents meetings, the Administration will present more detailed information, including:

- Descriptions of each of the three projects, including total budgets and other funding sources, including State funds
- Debt service projections and coverage ratios
- Identification of revenue sources proposed to support debt service, including any student fee components
- Summary of student engagement efforts undertaken to date
- Analysis of UNM's bonding capacity
- Proposed financing schedule and timing

***Student Fee Considerations***

An analysis of the proposed projects indicates that no increase in overall mandatory student fees would be required to fund the debt service associated with the UNM Series 2026 bond issue. However, the University is not permitted to issue new debt and use Opportunity or Lottery Scholarship as the revenue source. As a result, while the total mandatory student fee amount would remain at the Fall 2025 levels, there would be a small reallocation among mandatory fee categories that would affect undergraduate students receiving only Opportunity or Lottery Scholarships and no other aid. These students would experience an estimated $60 annual increase in out-of-pocket costs.

Students receiving other forms of financial aid are expected to have coverage for the affected facility fee through that aid. Students with no financial aid would see a change in fee categorization but no impact related to increased fees paid.

***Next Steps***

The Administration looks forward to discussing the proposed System Improvement and Refunding Revenue Bonds, including the associated projects and financing structure, in greater detail during the March 2026 Finance & Facilities Committee and Board of Regents meetings.

Thank you for your consideration and continued support of the University's capital and infrastructure initiatives.