

C. Rose Kennedy

Assistant Professor of Chemistry
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Professional Appointments

Jan. 2020 – present **Assistant Professor of Chemistry, University of Rochester**
Research Areas: Organometallic Chemistry, Catalysis & Synthetic Methods,
Mechanistic & Physical Organic Chemistry

Education & Research Experience

Jan. 2017 – Dec. 2019 **Postdoctoral Research Fellow, Princeton University**
Kirschstein NRSA Postdoctoral Fellowship (NIH F32, 2018)
Research Advisor: Professor Paul J. Chirik
Research Area: Chemo- and Regioselective Iron-Catalyzed Olefin Cross-
dimerization and Polymerization
(6 publications, 3 patents + 1 patent pending)

Jul. 2011 – Dec. 2016 **Doctorate of Philosophy (Chemistry), Harvard University**
NSF Graduate Research Fellowship (NSF GRFP, 2011)
Research Advisor: Professor Eric N. Jacobsen
Dissertation: *Mechanistic Studies in Enantioselective Ion-Pairing Catalysis with
Dual Hydrogen-Bond Donors* (8 publications)

Sept. 2007 – May 2011 **Bachelor of Science (Chemistry), University of Rochester**
Summa Cum Laude, Phi Beta Kappa (Junior Election),
Renaissance Scholarship
Research Advisors: Professor Alison J. Frontier (thesis)
& Professor Kara L. Bren
Research Areas: Synthetic Organic Method Development & Bioinorganic
Chemistry

May – July 2010 **DAAD RISE Fellow, Technische Universität Dortmund**
Research Advisor: Professor Martin Hiersemann
Research Area: Natural Product Total Synthesis

Awards & Honors

- 2023 Thieme Chemistry Journals Awardee (editorial boards of *Synthesis*, *Synlett*, and *Synfacts*)
NIH Maximizing Investigator Research Award (MIRA, R35)
(National Institutes of Health, National Institute of General Medical Sciences)
PRF Reviewer Award (American Chemical Society, Petroleum Research Fund)
- 2022 Packard Fellow in Science & Engineering (The David & Lucile Packard Foundation)
- 2021 Doctoral New Investigator (PRF-DNI) Award (ACS Petroleum Research Fund)
- 2018 NIH Ruth L. Kirschstein NRSA Postdoctoral Fellowship (F32)
(National Institutes of Health, National Institute of General Medical Sciences)
- 2017 ACS Green Chemistry Institute Pharmaceutical Roundtable Travel Grant
- 2016, 2014 Christensen Prize for Outstanding Research Achievement (*travel fellowship*)
(Harvard University, Department of Chemistry and Chemical Biology)
- 2015 Dudley R. Herschbach Teaching Award
(Harvard University, Department of Chemistry and Chemical Biology)
- 2011 NSF Graduate Research Fellowship (National Science Foundation)
Janet Howell Clark Memorial Award (University of Rochester, Arts & Sciences)
Awarded to a senior woman showing greatest promise in Physics, Chemistry, Biology, or Astronomy
John McCreary Memorial Prize (University of Rochester, Chemistry)
Carl A. Whiteman, Jr. Teaching Award (University of Rochester, Chemistry)
- 2010 Catherine Block Memorial Prize (University of Rochester, Arts & Sciences)
Awarded to a junior woman for outstanding ability and achievement in science
Junior Scholar Award (University of Rochester, Chemistry)
Gladys Anderson Emerson Scholarship (Iota Sigma Pi)
Awarded to two women nationally for excellence in chemistry or biochemistry

Publications

ORCID: [0000-0003-3681-819X](https://orcid.org/0000-0003-3681-819X), † undergraduate, ‡ equal contributor, * corresponding author

21. Afandiyeva, M. ‡; Wu, Xijue^{†,‡}; Brennessel, W. W.; Kadam, A. A.; Kennedy, C. R.* Secondary-Sphere Preorganization by an NHC-Pyridonate Ligand Enables Nickel-Catalyzed Hydroboration of Nitriles. *ChemRxiv*. **2023**, DOI: [10.26434/chemrxiv-2023-ks784](https://doi.org/10.26434/chemrxiv-2023-ks784) [preprint]
20. Kadam, A. A.; Kennedy, C. R.* Insights into H⁺ and e⁻ transfer by swapping Fe for Mn in a [NiFe] hydrogenase model. *Chem*. **2023**, DOI: [10.1016/j.chempr.2023.08.017](https://doi.org/10.1016/j.chempr.2023.08.017) (*Invited Preview*)
19. Malyk, K. R. ‡; Pillai, V. G. ‡; Brennessel, W. W.; Leon Baxin, R.; Silk, E. S. †; Nakamura, D. T. †; Kennedy, C. R.* Distinguishing Competing Mechanistic Manifolds for C(acyl)-N Functionalization by a Ni/N-Heterocyclic Carbene Catalyst System. *JACS Au*. **2023**, DOI: [10.1021/jacsau.3c00283](https://doi.org/10.1021/jacsau.3c00283)
[preprint] *ChemRxiv*. **2023**, DOI: [10.26434/chemrxiv-2023-cb75z](https://doi.org/10.26434/chemrxiv-2023-cb75z)

18. Kadam, A. A.; Kennedy, C. R.* Remixing the Secondary Coordination Sphere. *Trends Chem.* **2023**, DOI: [10.1080/00958972.2022.211703](https://doi.org/10.1080/00958972.2022.211703) (Invited Spotlight)
17. Hanaway, D. H.[‡]; Kennedy, C. R.* An Automated Variable Electric-Field DFT Application for Evaluation of Optimally Oriented Electric Fields on Chemical Reactivity. *J. Org. Chem.* **2022**, DOI: [10.1021/acs.joc.2c01893](https://doi.org/10.1021/acs.joc.2c01893)
[preprint] *ChemRxiv.* **2022**, DOI: [10.26434/chemrxiv-2022-4wr1m](https://doi.org/10.26434/chemrxiv-2022-4wr1m)
16. Afandiyeva, M. A.[‡]; Kadam, A. A.[‡]; Wu, X.[‡]; Brennessel, W. W.; Kennedy, C. R.* Synthesis, Structure, and Hydroboration Reactivity of Anionic Nickel(0) Complexes Supported by Bidentate NHC-Pyridone Ligands. *Organometallics*, **2022**, 21, 3014–3023. DOI: [10.1021/acs.organomet.2c00439](https://doi.org/10.1021/acs.organomet.2c00439) (Selected as ACS Editors' Choice; Top 3 Most-Read Papers)
[preprint] *ChemRxiv*, **2022**, DOI: [10.26434/chemrxiv-2022-gk2cs](https://doi.org/10.26434/chemrxiv-2022-gk2cs)
15. Craig, S. M.[‡]; Malyk, K. R.[‡]; Silk, E. S.[‡]; Nakamura, D. T.[†]; Brennessel, W. W.; Kennedy, C. R.* Synthesis and characterization of Ni(0) complexes supported by an unsymmetric C,N ligand. *J. Coord. Chem.* **2022**, 75, 1841–1852. DOI: [10.1080/00958972.2022.2117037](https://doi.org/10.1080/00958972.2022.2117037). (Invited contribution to Emerging Leaders Special Issue.)
14. Beromi, M. M.; Kennedy, C. R.; Younker, J. M.; Carpenter, A. E.; Mattler, S. J.; Throckmorton, J. A.; Chirik, P. J.* Iron Catalyzed Synthesis and Chemical Recycling of Telechelic, 1,3-Enchained Oligocyclobutanes. *Nature Chem.* **2021**, 13, 156–162. DOI: [10.1038/s41557-020-00614-w](https://doi.org/10.1038/s41557-020-00614-w)
[preprint] *ChemRxiv*, **2020**, DOI: [10.26434/chemrxiv.11994489.v1](https://doi.org/10.26434/chemrxiv.11994489.v1)
13. Kennedy, C. R.[‡]; Joannou, M. V.[‡]; Steves, J. E.; Hoyt, J. M.; Kovel, C. B.; Chirik, P. J.* Iron-Catalyzed Vinylsilane Dimerization and Cross-Cycloadditions with 1,3-Dienes: Probing the Origins of Chemo- and Regioselectivity. *ACS Catal.* **2021**, 11, 1368–1379. DOI: [10.1021/acscatal.0c04608](https://doi.org/10.1021/acscatal.0c04608)
12. Kennedy, C. R.; Choi, B. Y.[‡]; Reeves, M.-G. R.[‡]; Jacobsen, E. N.* Enantioselective Catalysis of an Anionic Oxy-Cope Rearrangement Enabled by Synergistic Ion Binding. *Isr. J. Chem.* **2020**, 60, 461–474. DOI: [10.1002/ijch.201900168](https://doi.org/10.1002/ijch.201900168) (Special issue dedicated to Profs. Stephen Buchwald and John Hartwig in celebration of their receipt of the 2019 Wolf Prize.)
11. Kennedy, C. R.; Zhong, H.; Joannou, M. V.; Chirik, P. J.* Pyridine(diimine) Iron Diene Complexes Relevant to Catalytic [2+2]-Cycloaddition Reactions. *Adv. Synth. Catal.* **2020**, 362, 404–416. DOI: [10.1002/adsc.201901289](https://doi.org/10.1002/adsc.201901289) (Special issue in honor of Professor Eric N. Jacobsen's 60th birthday.)
10. Rosenkoetter, K.; Kennedy, C. R.; Chirik, P. J.*; Harvey, B. G.* [4+4]-Cycloaddition of Isoprene for the Production of High-Performance Bio-Based Jet Fuel. *Green Chem.* **2019**, 21, 5616–5623. DOI: [10.1039/C9GC02404B](https://doi.org/10.1039/C9GC02404B)
9. Kennedy, C. R.; Zheng, H.; Macaulay, R. L.[‡]; Chirik, P. J.* Regio- and Diastereoselective, Iron-Catalyzed [4+4]-Cycloaddition of 1,3-Dienes. *J. Am. Chem. Soc.* **2019**, 141, 8557–8573. DOI: [10.1021/jacs.9b02443](https://doi.org/10.1021/jacs.9b02443) (Highlighted as "Synfact of the Month": Knochel, P.; Balkenhohl, M. Diastereoselective [4+4] Cycloadditions. *Synfacts*, 2019, 15, 0879)
8. Schmidt, V. A.; Kennedy, C. R.; Bezdek, M. J.; Chirik, P. J.* Selective [1,4]-Hydrovinylation of 1,3-Dienes with Unactivated Olefins Enabled by Iron–Diimine Catalysts. *J. Am. Chem. Soc.* **2018**, 140, 3443–3453. DOI: [10.1021/jacs.8b00245](https://doi.org/10.1021/jacs.8b00245)
7. Klausen, R. S.; Kennedy, C. R.; Hyde, A. M.; Jacobsen, E. N.* Chiral Thioureas Promote Enantioselective Pictet–Spengler Cyclization by Stabilizing Every Intermediate and Transition State in the Carboxylic Acid-Catalyzed Reaction. *J. Am. Chem. Soc.* **2017**, 139, 12299–12309. DOI: [10.1021/jacs.7b06811](https://doi.org/10.1021/jacs.7b06811)

6. Kennedy, C. R.[‡]; Lehnherr, D.[‡]; Rajapaksa, N. S.; Park, Y.; Ford, D. D.; Jacobsen, E. N.* Mechanism-Guided Development of a Highly Active Bis-thiourea Catalyst for Anion-Abstraction Catalysis. *J. Am. Chem. Soc.* **2016**, *138*, 13525–13528. DOI: [10.1021/jacs.6b09205](https://doi.org/10.1021/jacs.6b09205)
5. Kennedy, C. R.[‡]; Lin, S.[‡]; Jacobsen, E. N.* The Cation– π Interaction in Small-Molecule Catalysis. *Angew. Chem. Int. Ed.* **2016**, *55*, 12596–12624. DOI: [10.1002/anie.201600547](https://doi.org/10.1002/anie.201600547)
4. Kennedy, C. R.; Guidera, J. A.[†]; Jacobsen, E. N.* Synergistic Ion-Binding Catalysis Demonstrated via an Enantioselective, Catalytic [2,3]-Wittig Rearrangement. *ACS Cent. Sci.* **2016**, *2*, 416–423. DOI: [10.1021/acscentsci.6b00125](https://doi.org/10.1021/acscentsci.6b00125)
3. Lehnherr, D.; Ford, D. D.; Bendelsmith, A. J.; Kennedy, C. R.; Jacobsen, E. N.* Conformational Control of Chiral Amido-Thiourea Catalysts Enables Improved Activity and Enantioselectivity. *Org. Lett.* **2016**, *18*, 3214–3217. DOI: [10.1021/acs.orglett.6b01435](https://doi.org/10.1021/acs.orglett.6b01435)
2. Ford, D. D.; Lehnherr, D.; Kennedy, C. R.; Jacobsen, E. N.* Anion-Abstraction Catalysis: The Cooperative Mechanism of α -Chloroether Activation by Dual H-Bond Donors. *ACS Catal.* **2016**, *6*, 4616–4620. DOI: [10.1021/acscatal.6b01384](https://doi.org/10.1021/acscatal.6b01384)
1. Ford, D. D.[‡]; Lehnherr, D.[‡]; Kennedy, C. R.; Jacobsen, E. N. On- and Off-Cycle Catalyst Cooperativity in Anion-Binding Catalysis. *J. Am. Chem. Soc.* **2016**, *138*, 7860–7863. DOI: [10.1021/jacs.6b04686](https://doi.org/10.1021/jacs.6b04686)

Patents

5. Chirik, P. J.; Register, R. A.; Covel, K. B.; Tortajada Navarro, A.; Kennedy, C. R.; Macaulay, R. Purification and ROMP of 1,6-dimethylcyclooctadiene to access new microstructure of polyisoprene. U.S. Provisional Patent Application in Progress.
4. Carpenter, A. E.; Culcu, G.; Cai, I. C.; Lin, T.-P.; Chirik, P. J.; Kennedy, C. R.; Beromi, M. M. Improved Method to Produce Step Dienes. Application No. 17/680,556. Filed: February 25, 2022. U.S. Provisional Application No. 63/154,043. Filed: February 26, 2021.
3. Chirik, P. J.; Kennedy, C. R.; Beromi, M. M. Depolymerization of Oligomers and Polymers Comprising Cyclobutane Units. [WO2021154931A1](https://patents.google.com/patent/WO2021154931A1) **2021**. Application No. PCT/US2021/015403. Filed: January 28, 2021. U.S. Provisional Application No. 62/966,863. Filed: January 28, 2020.
2. Harvey, B. G.; Rosenkoetter, K. E.; Chirik, P. J.; Kennedy, C. R. Producing Cyclic Fuels from Conjugated Diene. Patent No. [US10981846B1](https://patents.google.com/patent/US10981846B1), **2021**. Application No. US16/542547. Filed: August 16, 2019
1. Chirik, P. J.; Kennedy, C. R.; Russel, S. Oligomeric and Polymeric Species Comprising Cyclobutane Units. Patent No. [US11001667B2](https://patents.google.com/patent/US11001667B2), **2021**. Application No. US16/239938. Filed: January 4, 2019

Presentations

- 2024 **University of New Hampshire** (invited department seminar, planned fall 2024)
Gordon Research Conference (GRC) – Stereochemistry @ Newport, RI
(invited discussion leader, planned 2024-07)
Florida Heterocyclic and Synthetic Chemistry (FloHet) Conference (invited speaker, planned 2024-03)
- 2023 **Rochester Institute of Technology** (invited department seminar, planned 2023-10)
35th Annual Packard Fellows Reunion (invited speaker, 2023-09)
Paul Chirik 50th Birthday Symposium @ Princeton University (invited speaker, 2023-07)
2023 Canadian Society of Chemistry (CSC) Meeting, Vancouver
(invited symposium speaker “Organic Chemistry (OC) in 2023: Highlighting the Diversity of People and Pursuits”, 2023-06)
- 2022 **Williams College** (invited Class of 1960’s Scholars Seminar; 2022-12)
Southeast Regional Meeting of the American Chemical Society (SERMACS), San Juan (invited symposium speaker “Unusual Structure and Reactivity of Inorganic Molecules”, 2022-10)
Binghamton University (invited department seminar, 2022-08)
American Chemical Society (ACS) National Meeting, Chicago
(contributed oral presentation, 2022-08)
Gordon Research Conference (GRC) – Organometallic Chemistry @ Newport, RI
(contributed poster, 2022-07)
University of Rochester, Chemistry–Biology Interface Training Program (T32)
(invited oral presentation at annual retreat, 2022-06)
University of Rochester, Materials Science Program
(invited pizza seminar series oral presentation, 2022-05)
SUNY Potsdam (invited department seminar, 2022-04)
SUNY Buffalo State (invited department seminar, 2022-03)
Juniata College (invited department seminar, 2022-03)
- 2020 **Eric N. Jacobsen 60th Birthday Symposium @ Harvard University**
(invited flash talk, 2020-02)
- 2019 **The College of New Jersey** (invited senior seminar guest, 2019-10)
- 2018 **Gordon Research Conference (GRC) – Organometallic Chemistry @ Newport, RI**
(contributed poster, 2018-07)
Graduate Research Symposium (GRS) – Organometallic Chemistry @ Newport, RI
(contributed oral presentation, 2018-07)
University of Rochester, Department of Chemistry (invited organic seminar, 2018-03)
- 2017 **American Chemical Society (ACS) Green Chemistry & Engineering Conference**
(contributed oral presentation, 2017-06)

- 2016 American Chemical Society (ACS) National Meeting, Philadelphia, PA
(contributed oral presentation, 2016-08)
- Gordon Research Conference (GRC) – Organic Reactions & Processes
(contributed poster, 2016-07)
- 1st Annual Catalysis in Chemistry Symposium, Boston, MA
(contributed poster, 2016-05)
- 2015 4th Annual Boston Symposium for Organic & Bioorganic Chemistry, Merck Research
Laboratories, Boston, MA. (contributed poster, 2015)
- 8th CaRLa Winter School, University of Heidelberg/BASF, Heidelberg, Germany.
(invited poster, 2015)
- 2014 Gordon Research Conference (GRC) – Stereochemistry @ Newport, RI
(contributed poster, 2014-07)

Funding

- 2023-07 – **NIH Maximizing Investigator Research Award (MIRA, R35)** [PI]
2026-06 *Mechanistic Insights into Catalytic Acyl C-O and C-N Activation and Cross Coupling*
Role: Principal Investigator Total Award Amount: \$1,925,000
- 2023-01 – **2022 Packard Fellowship in Science and Engineering** [PI]
2027-12 *Borrowing Functionality for Sustainable Synthesis by Cooperative Molecular Catalysis*
Role: Principal Investigator Total Award Amount: \$875,000
- 2021-09 – **ACS Petroleum Research Fund Doctoral New Investigator Award** [PI]
2023-08 *Magnetically Modulated Radical Relay Catalysis: Stimulus-Controlled Olefin
Polymerization and Alkane C(sp³)-H Functionalization*
Role: Principal Investigator Total Award Amount: \$110,000
- 2022-08– **NSF Major Research Instrumentation Grant** [co-PI]
2025-07 *MRI: Acquisition of a Cryoprobe 500 MHz Nuclear Magnetic Resonance (NMR)
Spectrometer*
Role: co-Principal Investigator Total Award Amount: \$605,314

Mentored Researchers

Current Research Group: 5 PhD students + 1 Postdoctoral Associate + 4 BS/BA students

Present Dr. Abhishek Kadam (PD); Medina Afandiyeva (G4); Kaycie Malyk (G4); Daniel Akuomoah (G3); Vivek Gangadharan Pillai (G3); Hailemariam Mitiku (G3)
Xijue (Jade) Wu (Take-5); Rebecca Reagan (U3); Abe Ellenbogen (U3); Matthew Gleason (U2);

Alumni

Winifred Dorlean (McNair Scholar, 2023); Daniel Nakamura (BS, 2023); Aliza Panjwani (BS, 2023); Dalton Hanaway (MS, 2022; BS, 2021); Elliot Silk (BS, 2022); Sarah Craig (BS, 2021); Julia Shoemaker (REU, 2023); Jorge Castaño Valencia (iScholar, 2022)
Roberto Leon Baxin (MS, 2023); Ryan Ballirano (MS, 2021); Katie Goerl (MS, 2021)

Teaching Activities

CHEM 172

First-Year Organic Chemistry II (Spring 2020, Spring 2022, Spring 2023)

(4 credit hours) CHEM 172 is the second semester of a one-year sequence examining the fundamental concepts, principles, and practices of organic chemistry, with a focus on defining relationships between molecular structure, reactivity, and function. Students take an active role in defining questions, evaluating evidence, weighing arguments, developing and testing hypotheses, and communicating these complex topics. This study of organic chemistry is integrated with a review of the key concepts from general chemistry and highlights relationships with related areas including organometallic chemistry, polymer chemistry, and biochemistry. The CHEM171/172 sequence is designed for first-year students with good preparation in chemistry (2 years of general chemistry and an AP score of 4 or 5, or equivalent). This sequence provides a fast-track to advanced chemistry courses and the fulfillment of degree requirements in other disciplines. Co-registration in a workshop section is required. Co-registration in the accompanying lab—CHEM208 or CHEM210(W)—is strongly encouraged; CHM210W is recommended for CHEM majors.

Typical Enrollment: 30–50 students

Workshop Leaders Supervised: 4–5

CHEM 433

Advanced Organic Chemistry*

(Fall 2020, Fall 2021)

*course material developed de novo

(4 credit hours) CHEM 433 is an exploration of the advanced concepts, principles, and practices of organic chemistry. Topics of emphasis include structure, stereochemistry and conformational analysis; descriptions of bonding; stereoelectronic effects; reaction energetics; and mechanisms of organic reactions including pericyclic reactions, photochemical reactions, and chemistry of reactive intermediates. Students take an active role in defining questions, evaluating evidence, weighing arguments, developing and testing hypotheses, and communicating to a scientific audience. This course is designed for beginning graduate students and upper-level undergraduate students.

Typical Enrollment: 6–15 students

Workshop Leaders Supervised: 1

CHEM 434

Advanced Physical Organic Chemistry (Methods for Mechanistic Elucidation)*

(Spring 2023)

*course material developed de novo

(4 credit hours) CHEM 434 is a literature-based class exploring modern methods for mechanistic elucidation. Topics of emphasis include transition state theory, kinetics, linear and multivariate free-energy relationships, kinetic isotope effects, photochemistry, and catalysis. Students take an active role in evaluating the primary literature, developing and testing hypotheses, and communicating to a scientific audience. This course is designed for beginning graduate students and upper-level undergraduate students.

Expected Enrollment: ~10 students

Synergistic Activities & Service

Department Activities	Faculty Recruiting Committee (2023–present); Ad Hoc Committee for Department Associate Chair Selection (2022); Development/News-Outreach Committee (2021–2022); Ad Hoc Committee for Instructional-Track Faculty Hiring (2021); Ad Hoc Committee for Instructional-Track Faculty Review (2021); Ad Hoc Committee for Department Chair Selection (2021) DEI Forum Series Coordinator (2021–2022); Diversity, Equity, Inclusion & Outreach Committee (2020–present; Chair, 2022–present); ACS Bridge Program Partner Site Application (Application Facilitator, 2020; Program Liaison, 2022–2023); Graduate Orientation Co-organizer (2020–2021); Graduate Studies Committee (2020–2022); Graduate Recruiting Committee (2020–present)
University Activities	Equity in Graduate Education, Department Liaison (2022–present); UR Undergraduate Research Discover Grant Reviewer (2022, 2023); UR Undergraduate Research Expo Judge (2021–2023); #URSTEMrecharge Co-organizer (2021); Sproull University Fellowship Reviewer (2020)
Reviewing Activities (Journals)	<i>ACS Catalysis; Accounts of Chemical Research; Angewandte Chemie International Edition; Cell Reports Physical Science; ChemCatChem; Chemical Reviews; European Journal of Organic Chemistry; Journal of the American Chemical Society; Journal of Organic Chemistry; Organic Process Research & Development; Organometallics; Synlett</i>
Reviewing Activities (Funding)	National Institutes of Health (2022); American Chemical Society Petroleum Research Fund (2021–2022); National Science Foundation (2020–2023)
Reviewing Activities (Misc.)	SACNAS National Conference Research Presentation Applications (2021); International Thesis Assessment for the Institut Català d'Investigació Química (ICIQ) and the Universitat Rovira i Virgili (2021)
National Activities	<i>Chem</i> Next Generation Advisory Board (2023–present); JACS Au Early Career Advisory Board (2022); ACS Northeast Regional Meeting Symposium Co-Chair (2022); Iota Sigma Pi, National Council, Members-at-Large Coordinator (2020); Chemistry Women Mentorship Network, Mentor (2017–present);
Professional Development	<i>Fostering Wellbeing in Racialized Mentoring Environments</i> , Equity in Graduate Education Consortium (2022); <i>Understanding Imposter Syndrome</i> , Inclusive Graduate Education Network (2022); <i>Transparent (TILT) Assignment Design Workshop</i> , University of Rochester Center for Teaching (2022) <i>Introduction to Equity Minded Mentoring Workshop</i> , Equity in Graduate Education Consortium (2022);

Antiracist Feedback & Messaging Workshop, University of Rochester AS&E (2022);
Bias-Related Incidents & Disability Resources Workshop, University of Rochester AS&E (2022);
Creating a Queer-Inclusive AS&E Workshop, University of Rochester (2021);
Fostering an Anti-Racist Campus Workshops, University of Rochester AS&E (2020);
Small Teaching/Active Learning Group, University of Rochester CETL (2020);
NSF MPS Broadening Participation Workshop for Young Investigators (2019);
ACS/Cottrell/Research Corp. New Faculty Workshop (2019);
Harvard University Bok Teaching Seminars/Workshops (2012–2016)

Affiliations

American Chemical Society (ACS), Iota Sigma Pi, Phi Beta Kappa

Prior Service

Harvard University, Green Labs Representative (2014–2016);
Harvard University, Academic Integrity Committee Member (2013–2016);
Harvard University, Department of Chemistry & Chemical Biology, Laboratory Safety Committee Representative (2013–2016);
Harvard College, WiSTEM Mentorship Program, Mentor (2014);
Harvard College, Quincy House Non-Resident Tutor (2012–2013);
Boston Women in Chemistry Symposium, Organizing Committee Member (2012)