

Marissa L. Weichman

Frick Chemistry Laboratory Room 229 · Princeton University
weichman@princeton.edu · (609) 258-0926 · <https://weichman.princeton.edu>

APPOINTMENTS

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| Princeton University Assistant Professor of Chemistry <i>Associated Faculty, Princeton Quantum Initiative</i> <i>Associated Faculty, Princeton Materials Institute</i> <i>Associated Faculty, High Meadows Environmental Institute</i> | 2020– |
| JILA, University of Colorado Boulder NIST/NRC Fellow, Postdoctoral Researcher Research Advisor: Dr. Jun Ye | 2017–2020 |

EDUCATION

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| University of California, Berkeley Ph.D. Physical Chemistry Dissertation: <i>Slow Photoelectron Velocity-Map Imaging and Infrared</i> <i>Photodissociation Spectroscopy of Cryo-Cooled Molecular and Cluster Anions</i> Research Advisor: Prof. Daniel M. Neumark | 2012–2017 |
| California Institute of Technology B.S. Chemistry with Honors Research Advisors: Prof. Mitchio Okumura, Prof. Frances Arnold, Prof. Thomas Maniatis | 2008–2012 |

AWARDS AND HONORS

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| Packard Foundation <i>Packard Fellowship for Science and Engineering</i> | 2023 |
| National Science Foundation <i>CAREER Award</i> | 2023 |
| Department of Energy <i>Early Career Award</i> | 2022 |
| American Chemical Society <i>PRF Doctoral New Investigator</i> | 2021 |
| Telluride Science Research Center <i>Peter Salamon Award</i> | 2020 |
| APS <i>Justin Jankunas Doctoral Dissertation Award in Chemical Physics</i> | 2018 |
| NIST/NRC <i>Postdoctoral Research Fellowship</i> | 2017 |
| National Science Foundation <i>Graduate Research Fellowship</i> | 2012 |
| Department of Energy, Office of Science <i>Fellowship for Graduate Study (declined)</i> | 2012 |
| UC Berkeley <i>Berkeley Fellowship for Graduate Study</i> | 2012 |
| UC Berkeley, College of Chemistry <i>Chemistry Department Scholar</i> | 2012 |
| Amgen Scholars Program <i>Amgen Scholar</i> | 2010 |
| State of Massachusetts <i>Robert C. Byrd Honors Scholarship</i> | 2008 |

PREPRINTS

1. L. Chen, A. P. Fidler, A. M. McKillop, and **M. L. Weichman**, “Exploring the impact of vibrational cavity coupling strength on ultrafast CN + *c*-C₆H₁₂ reaction dynamics”, *arXiv*, 2310.19133 (2023).

PUBLICATIONS (SINCE PRINCETON)

43. A. P. Fidler, L. Chen, A. M. McKillop, and **M. L. Weichman**, “Ultrafast dynamics of CN radical reactions with chloroform solvent under vibrational strong coupling”, *J. Chem. Phys.* **159**, 164302 (2023), *Emerging Investigators Special Collection*, cover article.
42. A. D. Wright, J. C. Nelson, and **M. L. Weichman**, “A versatile platform for gas-phase molecular polaritonics”, *J. Chem. Phys.* **159**, 164202 (2023).
41. A. D. Wright, J. C. Nelson, and **M. L. Weichman**, “Rovibrational polaritons in gas-phase methane”, *J. Am. Chem. Soc.* **145**, 5982 (2023).
40. M. C. Babin, M. DeWitt, J. Lau, **M. L. Weichman**, J. B. Kim, H. Song, H. Guo, and D. M. Neumark, “Observation of resonances in the transition state region of the F + NH₃ reaction using anion photoelectron spectroscopy”, *Nat. Chem.* **15**, 194 (2022).
39. L. R. Liu, P. B. Changala, **M. L. Weichman**, Q. Liang, J. Toscano, J. Klos, S. Kotochigova, D. J. Nesbitt, and J. Ye, “Collision-induced C₆₀ rovibrational relaxation probed by state-resolved nonlinear spectroscopy”, *Phys. Rev. X Quantum* **3**, 030332 (2022). **Related News: Physics.**
38. M. C. Babin, M. DeWitt, J. Lau, **M. L. Weichman**, J. B. Kim, L. Cheng, and D. M. Neumark, “Photoelectron spectroscopy of cryogenically cooled NiO₂⁻ via slow photoelectron velocity-map imaging”, *Phys. Chem. Chem. Phys.* **24**, 17496 (2022).
37. J. H. Lehman and **M. L. Weichman**, “Optical frequency combs for molecular spectroscopy, kinetics, and sensing”, in *Emerging Trends in Chemical Applications of Lasers*, edited by M. R. Berman, L. Young, and H.-L. Dai (American Chemical Society, 2021) Chap. 4, pp. 61–88.
36. M. Babin, M. DeWitt, **M. L. Weichman**, J. A. DeVine, and D. M. Neumark, “High-resolution anion photoelectron spectroscopy of cryogenically cooled 4-atom silicon carbides”, *Mol. Phys.* **119**, e1817596 (2021).

PUBLICATIONS (BEFORE PRINCETON)

35. P. B. Changala, **M. L. Weichman**, K. F. Lee, M. E. Fermann, and J. Ye, “Rovibrational quantum state resolution of the C₆₀ fullerene”, *Science* **363**, 49 (2019). **Related News: c&e; NIST; Gizmodo.**
34. **M. L. Weichman**, P. B. Changala, J. Ye, Z. Chen, M. Yan, and N. Picqué, “Broadband molecular spectroscopy with optical frequency combs”, *J. Mol. Spec.* **355**, 66 (2019).
33. S. Debnath, X. Song, M. R. Fagiani, **M. L. Weichman**, M. Gao, S. Maeda, T. Taketsugu, W. Schöllkopf, A. Lyalin, D. M. Neumark, and K. R. Asmis, “CO₂ adsorption on Ti₃O₆⁻: A novel carbonate binding motif”, *J. Phys. Chem. C* **123**, 8439 (2019).
32. M. C. Babin, J. A. DeVine, **M. L. Weichman**, and D. M. Neumark, “Slow photoelectron velocity-map imaging of cold C₇ and C₉”, *J. Chem. Phys.* **149**, 174306 (2018).
31. T. Wang, T. Yang, C. Xiao, Z. Sun, D. Zhang, X. Yang, **M. L. Weichman**, and D. M. Neumark, “Dynamical resonances in chemical reactions”, *Chem. Soc. Rev.* **47**, 6744 (2018).
30. **M. L. Weichman** and D. M. Neumark, “Slow photoelectron velocity-map imaging spectroscopy of cryogenically cooled anions”, *Annu. Rev. Phys. Chem.* **69**, 101 (2018).
29. **M. L. Weichman**, S. Debnath, J. T. Kelly, S. Gewinner, W. Schöllkopf, D. M. Neumark, and K. R. Asmis, “Dissociative water adsorption on gas-phase titanium dioxide cluster anions probed with infrared photodissociation spectroscopy”, *Top. Catal.* **61**, 92 (2018).
28. J. A. DeVine, **M. L. Weichman**, C. Xie, M. C. Babin, M. A. Johnson, J. Ma, H. Guo, and D. M. Neumark, “Autodetachment from vibrationally excited vinylidene anions”, *J. Phys. Chem. Lett.* **9**, 1058 (2018).

27. J. A. DeVine, A. A. Taka, M. C. Babin, **M. L. Weichman**, H. P. Hratchian, and D. M. Neumark, “[High-resolution photoelectron spectroscopy of \$\text{TiO}_3\text{H}_2^-\$: Probing the \$\text{TiO}_2^- + \text{H}_2\text{O}\$ dissociative adduct](#)”, *J. Chem. Phys.* **148**, 222810 (2018).
26. **M. L. Weichman**, B. Vlasisavljevich, J. A. DeVine, N. S. Shuman, S. G. Ard, T. Shiozaki, D. M. Neumark, and A. A. Viggiano, “[Electronic structure of \$\text{SmO}\$ and \$\text{SmO}^-\$ via slow photoelectron velocity-map imaging spectroscopy and spin-orbit CASPT2 calculations](#)”, *J. Chem. Phys.* **147**, 234311 (2017).
25. J. A. DeVine*, **M. L. Weichman***, B. Laws, J. Chang, M. C. Babin, G. Balerdi, C. Xie, C. L. Malbon, W. C. Lineberger, D. R. Yarkony, R. W. Field, S. T. Gibson, J. Ma, H. Guo, and D. M. Neumark, “[Encoding of vinylidene isomerization in its anion photoelectron spectrum](#)”, *Science* **358**, 336 (2017 (*equal contribution)).
24. **M. L. Weichman**, J. A. DeVine, M. C. Babin, J. Li, J. Ma, H. Guo, and D. M. Neumark, “[Feshbach resonances in the exit channel of the \$\text{F} + \text{CH}_3\text{OH} \rightarrow \text{HF} + \text{CH}_3\text{O}\$ reaction observed using transition-state spectroscopy](#)”, *Nat. Chem.* **9**, 950 (2017). **Related News:** [Nature Chemistry News & Views](#).
23. **M. L. Weichman**, L. Cheng, J. B. Kim, J. F. Stanton, and D. M. Neumark, “[Low-lying vibronic level structure of the ground state of the methoxy radical: Slow-electron velocity map imaging \(SEVI\) spectra and Köppel-Domcke-Cederbaum \(KDC\) vibronic Hamiltonian calculations](#)”, *J. Chem. Phys.* **146**, 224309 (2017).
22. J. D. Gaynor and **M. L. Weichman**, “[Viewpoints on the 2017 Pacific Conference on Spectroscopy and Dynamics](#)”, *J. Phys. Chem. A* **121**, 2863 (2017).
21. J. A. DeVine, **M. L. Weichman**, M. C. Babin, and D. M. Neumark, “[Slow photoelectron velocity-map imaging of cold *tert*-butyl peroxide](#)”, *J. Chem. Phys.* **147**, 013915 (2017).
20. J. A. DeVine, **M. L. Weichman**, J. Ma, B. Jiang, H. Guo, and D. M. Neumark, “[Non-adiabatic effects on excited states of vinylidene observed with slow photoelectron velocity-map imaging](#)”, *J. Am. Chem. Soc.* **138**, 16417 (2016).
19. J. A. DeVine, **M. L. Weichman**, S. J. Lyle, and D. M. Neumark, “[High-resolution photoelectron imaging of cryogenically cooled \$\alpha\$ - and \$\beta\$ -furanil anions](#)”, *J. Mol. Spec.* **332**, 16 (2017).
18. **M. L. Weichman**, J. A. DeVine, and D. M. Neumark, “[High-resolution photoelectron imaging of cryogenically cooled \$\text{Fe}_4\text{O}^-\$ and \$\text{Fe}_5\text{O}^-\$](#) ”, *J. Chem. Phys.* **145**, 054302 (2016).
17. **M. L. Weichman**, X. Song, M. R. Fagiani, S. Debnath, S. Gewinner, W. Schöllkopf, D. M. Neumark, and K. R. Asmis, “[Gas phase vibrational spectroscopy of cold \$\(\text{TiO}_2\)_n^-\$ \(\$n=3-8\$ \) clusters](#)”, *J. Chem. Phys.* **144**, 124308 (2016).
16. **M. L. Weichman**, J. A. DeVine, D. S. Levine, J. B. Kim, and D. M. Neumark, “[Isomer-specific vibronic structure of the 9-, 1-, and 2-anthracenyl radicals via slow photoelectron velocity-map imaging](#)”, *Proc. Natl. Acad. Sci. U.S.A.* **113**, 1698 (2016).
15. J. B. Kim, **M. L. Weichman**, T. F. Sjolander, D. M. Neumark, J. Klos, M. H. Alexander, and D. E. Manolopoulos, “[Spectroscopic observation of resonances in the \$\text{F} + \text{H}_2\$ reaction](#)”, *Science* **349**, 510 (2015).
14. **M. L. Weichman**, J. B. Kim, and D. M. Neumark, “[Slow photoelectron velocity-map imaging spectroscopy of the *ortho*-hydroxyphenoxide anion](#)”, *J. Phys. Chem. A* **119**, 6140 (2015).
13. J. B. Kim, **M. L. Weichman**, and D. M. Neumark, “[Low-lying states of \$\text{FeO}\$ and \$\text{FeO}^-\$ by slow photoelectron spectroscopy](#)”, *Mol. Phys.* **113**, 2105 (2015).
12. **M. L. Weichman**, J. B. Kim, J. A. DeVine, D. S. Levine, and D. M. Neumark, “[Vibrational and electronic structure of the \$\alpha\$ - and \$\beta\$ -naphthyl radicals via slow photoelectron velocity-map imaging](#)”, *J. Am. Chem. Soc.* **137**, 1420 (2015).

11. J. B. Kim, **M. L. Weichman**, and D. M. Neumark, "Assignment of electronic bands in the photoelectron spectrum of the VO_2^- anion", *J. Chem. Theory Comput.* **10**, 5235 (2014).
10. J. B. Kim, **M. L. Weichman**, and D. M. Neumark, "Slow photoelectron velocity-map imaging spectroscopy of the Fe_3O^- and Co_3O^- anions", *J. Chem. Phys.* **141**, 174307 (2014).
9. J. B. Kim, **M. L. Weichman**, and D. M. Neumark, "Structural isomers of Ti_2O_4 and Zr_2O_4 anions identified by slow photoelectron velocity-map imaging spectroscopy", *J. Am. Chem. Soc.* **136**, 7159 (2014).
8. **M. L. Weichman**, J. B. Kim, and D. M. Neumark, "Rovibronic structure in slow photoelectron velocity-map imaging spectroscopy of CH_2CN^- and CD_2CN^- ", *J. Chem. Phys.* **140**, 104305 (2014).
7. J. B. Kim, **M. L. Weichman**, and D. M. Neumark, "Vibronic structure of VO_2 probed by slow photoelectron velocity-map imaging spectroscopy", *J. Chem. Phys.* **140**, 034307 (2014).
6. T. Westermann, J. B. Kim, **M. L. Weichman**, C. Hock, T. I. Yacovitch, J. Palma, D. M. Neumark, and U. Manthe, "Resonances in the entrance channel of the elementary reaction of fluorine and methane", *Angew. Chem., Int. Ed.* **53**, 1122 (2014).
5. J. B. Kim, **M. L. Weichman**, and D. M. Neumark, "High-resolution anion photoelectron spectra of TiO_2^- , ZrO_2^- , and HfO_2^- obtained by slow electron velocity-map imaging", *Phys. Chem. Chem. Phys.* **50**, 20973 (2013).
4. **M. L. Weichman**, J. B. Kim, and D. M. Neumark, "Vibrational fine structure of C_5^- via anion slow photoelectron velocity-map imaging", *J. Chem. Phys.* **139**, 144314 (2013).
3. J. B. Kim, **M. L. Weichman**, T. I. Yacovitch, C. Shih, and D. M. Neumark, "Slow photoelectron velocity-map imaging spectroscopy of the C_9H_7^- (indenyl) and $\text{C}_{13}\text{H}_9^-$ (fluorenyl) anions", *J. Chem. Phys.* **139**, 104301 (2013).
2. C. Hock, J. B. Kim, **M. L. Weichman**, T. I. Yacovitch, and D. M. Neumark, "Slow photoelectron velocity-map imaging spectroscopy of cold negative ions", *J. Chem. Phys.* **137**, 244201 (2012).
1. M. K. Sprague, E. R. Garland, A. K. Mollner, C. Bloss, B. D. Bean, **M. L. Weichman**, L. A. Mertens, and M. Okumura, "Kinetics of *n*-butoxy and 2-pentoxy isomerization and detection of primary products by infrared cavity ringdown spectroscopy", *J. Phys. Chem. A* **116**, 6327 (2012).

INVITED PRESENTATIONS (SINCE 2020)

19. Coblentz Society Award Symposium Honoring Wei Xiong, SciX Meeting, Reno, NV Oct. 2023
18. Wintergreen Meeting of Physiscal Chemists, Wintergreen, VA Sept. 2023
17. Symposium in Honor of Marsha Lester, ACS National Meeting, San Francisco, CA Aug. 2023
16. International Conference on Chemical Bonding, Kauai, HI Jul. 2023
15. Telluride Workshop on Polariton Chemistry and Molecular Cavity QED, Telluride, CO Jun. 2023
14. UNC Charlotte Chemistry Department Seminar, Charlotte, NC Apr. 2023
13. Conference on Molecular Quantum Technologies, Puerto Natales, Chile Dec. 2022
12. Gordon Research Conference on Molecular Interactions & Dynamics, Easton, MA Jul. 2022
11. Cavity Enhanced Spectroscopy Meeting, Lecco, Italy Jun. 2022
10. Quantum Frontiers in Molecular Science Telluride Workshop, webinar Jun. 2022
9. Andlinger Center & PPPL Retreat on Solar Geoengineering, Princeton, NJ May 2022
8. Princeton Institute for Materials Symposium, Princeton, NJ Apr. 2022
7. Stony Brook University AMO Physics Seminar, Stony Brook, NY Nov. 2021

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| 6. CSU Chico Chemistry Department, webinar | Oct. 2021 |
| 5. Princeton Catalysis Initiative Symposium, Princeton, NJ | Oct. 2021 |
| 4. International Symposium on Molecular Beams, webinar | Jun. 2021 |
| 3. Johns Hopkins Chemistry Department, webinar | Oct. 2020 |
| 2. Princeton Summer Physical Chemistry Webinar Series, webinar | Jul. 2020 |
| 1. Telluride Science Summer Lecture Series, webinar | Jul. 2020 |

CURRENT FUNDING

- **The David and Lucile Packard Foundation, Packard Fellowships for Science and Engineering**, 2023-2028, \$875k, “The stratosphere in focus: New spectroscopic tools for single-particle aerosol science.”
- **National Science Foundation, AST/AAG Laboratory Astronomy program**, 2023-2026, \$519k, “Precision spectroscopy of fullerenes: Towards resolving astrophysical molecular complexity” (AST-2307443).
- **National Science Foundation, CHE/CSDM-A, CAREER Award**, 2023-2028, \$650k, “CAREER: Gas-phase molecular polaritons: A new platform for chemistry under strong light-matter coupling” (CHE-2238865).
- **High Meadows Environmental Institute, Climate and Energy Grand Challenge Award**, 2023–2025, \$150k, co-PI with Luc Deike, “Aerosol-cloud-turbulence interactions.”
- **Department of Energy, Early Career Award**, 2022-2027, \$750k, “Polariton reaction dynamics: Exploiting strong light-matter interactions for new chemistry” (DE-SC0022948).
- **Princeton Fund for New Ideas in the Natural Sciences**, 2022-2024, \$200k, “Quantum-state-resolved spectroscopy of endohedral fullerenes.”
- **Princeton Catalysis Initiative**, 2022-2024, \$120k, “Strong light-matter interactions in WTe_2 , a novel 2D excitonic insulator.”
- **Simons Foundation**, 2022-2023, \$500k, co-PI with Luc Deike, “An initial small-scale experimental facility for solar geoengineering science” (award #1019423).

COMPLETED FUNDING

- **Princeton Center for Complex Materials MRSEC**, 2022-2023, \$60k, “Chiral polaritonics for materials functionalization.”
- **ACS Petroleum Research Fund, Doctoral New Investigator**, 2021-2023, \$110k, “Gas-phase polariton chemistry: Reaction kinetics of methane under vibrational strong coupling” (PRF-62543-DNI6).
- **Princeton Center for Complex Materials MRSEC**, 2021-2022, \$60k, “Strong light-matter coupling of molecular and material monolayers”

SYNERGISTIC ACTIVITIES

Professional Activities and Leadership

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| Journal of Molecular Spectroscopy, editorial board member | 2023– |
| Molecular Underpinnings of Astrophysics Telluride Workshop, organizer | 2023– |
| Conference on Cold and Controlled Molecules and Ions, advisory panel member | 2022– |
| Mentor in Chemistry Women Mentorship Network (ChemWMN) | 2020– |
| Polariton Chemistry and Molecular Cavity Quantum Electrodynamics Telluride Workshop, organizer | 2023 |
| ACS Spring 2023 National Meeting, PHYS symposium organizer | 2023 |
| Gordon Research Conference on Molecular Interactions & Dynamics, Power Hour organizer | 2022 |

Department Service

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| Princeton Chemistry Physical Chemistry seminar series, organizer | 2021– |
| Princeton Physical Chemistry Supergroup meetings, organizer | 2021– |
| Princeton Chemistry Graduate Admissions Committee, committee member | 2020– |
| Princeton Inclusive Community in Chemistry Committee, committee member | 2020– |
| McCay Prize Exam in Physical Chemistry, writer and grader | 2023 |
| Princeton Chemistry Junior Faculty Search Committee, committee member | 2022–2023 |
| Princeton Chemistry Department Retreat, organizer and panelist | 2022 |
| Princeton Chemistry Teaching and Curriculum Committee, committee member | 2020–2021 |

Ph.D. Dissertation Committees: served on 7 total, Shuhui Yin (2020), Hwon Kim (2021), Nhu Tran (2022), Robert Kirby (2022), Ben Zhang (2022), Clarissa Ding (2023), Jackson Deobald (2023)

General Exam Committees: served on 8 total, Graciela Villalpando (2021), Adam Reinhold (2021), Catrina Oberg (2021), Shaojun Gui (2021), Teresa Lee (2022), Connor Pollak (2023), Chirag Arora (2023), Liying Chen (2023)

Other University Service

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| Faculty Advisor, Yeh College | 2022– |
| Quantum Science and Engineering PhD Program | |
| Quantum Undergraduate Research at IBM and Princeton (QURIP) Admissions Committee | 2023 |
| Faculty Fellow, Whitman College | 2021–2022 |

Funding Agency Reviewing Activity

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| National Science Foundation AST/AAG (panel) | Department of Energy BES (ad hoc) |
| National Science Foundation CHE/CSDM-A (panel) | Department of Energy BES Early Career (ad hoc) |
| National Science Foundation CHE/CCI (ad hoc) | Stanford Linear Accelerator LCLS-II (panel) |
| National Science Foundation PHY/AMO-E (ad hoc) | |

Journal Reviewing Activity

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| ACS Photonics | Nanophotonics |
| Chemical Reviews | Physical Chemistry Chemical Physics |
| Journal of the American Chemical Society | Proceedings of the National Academy of Sciences |
| Journal of Physical Chemistry | Review of Scientific Instruments |
| Journal of Physical Chemistry Letters | Science |

TEACHING

Princeton

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| Advanced Quantum Mechanics (CHM 502) | Spring 2023 |
| The Quantum World (CHM 305) | Fall 2020, Fall 2021, Fall 2022 |
| <i>Related News: Princeton Office of Communications</i> | |
| Molecular Spectroscopy (CHM 504) | Spring 2022 |

Feedback on CHM 305 from Undergraduate Teaching Evaluations (2020-2022)

- “Take it if Professor Weichman is teaching it! She is very well organized and really takes the time to make sure each student understands the material. I felt like she made these difficult concepts totally manageable.”
- “Professor Weichman was a great lecturer, clearly explaining the material and very responsive to questions. Her explanations really helped with understanding the concepts and equations!”
- “I loved Professor Weichman’s lectures. I think she did an excellent job making the difficult topics of quantum approachable for her students.”
- “Professor Weichman was exceptionally helpful in answering questions and overall greatly improved both my understanding of and interest in quantum chemistry!”
- “Prof. Weichman’s lectures are so organized and easy to follow. She also answers questions in a concise but super clear way.”
- “Professor Weichman’s notes were fantastic; I never really had to open the textbook, as Professor Weichman’s notes were very detailed and informative.”
- “Super clear and thorough! Learned a ton!”
- “This was one of my favorite courses at Princeton!”
- “Amazing! Prof Weichman is one of the best lecturers in the department in my opinion!”
- “Professor Weichman was the best STEM professor I have had.”

CU Boulder (as a postdoctoral researcher)

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| Evidence-Based Introduction to Teaching workshop | July 2019 |
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UC Berkeley (as a graduate teaching assistant)

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| Statistical Mechanics (Chemistry 120b) | Fall 2014 |
| General Chemistry and Quantitative Analysis for Majors (Chemistry 4b) | Spring 2014 |
| General Chemistry and Quantitative Analysis for Majors (Chemistry 4a) | Fall 2012 |

Caltech (as an undergraduate teaching assistant)

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| General Chemistry Lab (Chemistry 3a) | Winter 2012 |
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RESEARCH MENTORING

Postdoctoral Researchers

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|---|-----------|
| Dr. Adam Wright <i>(now Asst. Prof., Department of Physics, University of Warwick, UK)</i> | 2021–2023 |
| Dr. Ashley Fidler 2021 Princeton Presidential Postdoctoral Research Fellow | 2021– |
| Dr. Cole Sagan | 2023– |
| Dr. Dominik Charczun | 2023– |

Ph.D. Students

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|---|-------|
| Liyang Chen | 2021– |
| 2023 Ada and Meyer Packer Memorial Fellow in Physical Chemistry | |
| Negar Baradaran | 2022– |
| Alexander McKillop | 2022– |
| Jane Nelson | 2022– |
| 2023 DoD National Defense Science and Engineering Graduate Fellow | |

Undergraduate Students

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| Cameron Khan, Princeton University (<i>now PhD student at UPenn Chemistry</i>) | 2021–2023 |
| Victoria Zhang, Harvard University (QURIP student) | 2022 |
| Christopher Tong, MIT (QURIP student) | 2023 |
| Tanay Nambiar, Princeton University | 2023– |
| Daniel Tajés, Princeton University | 2023– |