Allegra L. Liberman-Martin, Ph.D | Grant Program Officer | American Chemical Society

a_liberman@acs.org || www.allegraliberman-martin.com || Pronouns: she/they

SUMMARY

Synthetic chemist who is passionate about mentoring faculty through the grant proposal process and helping them develop their grant-writing skills.

PROFESSIONAL APPOINTMENTS

American Chemical Society

Program Officer in the Office of Research Grants — **2024 – Present**

Manages proposals in Synthetic Organic Chemistry and Inorganic Chemistry for the Petroleum Research Fund

Chapman University, Orange, CA

Assistant Professor of Chemistry — **2018 – 2024**

Research: Main group catalysis for sustainable organic and polymer synthesis
Teaching: Organic chemistry

California Institute of Technology, Pasadena, CA

Resnick Sustainability Institute Postdoctoral Fellow — **2016 – 2018**

Research: Brush polymers as stimuli-responsive photonic crystals
Mentor: Prof. Robert H. Grubbs

EDUCATION

University of California, Berkeley

Ph.D. in Chemistry — **2010 – 2015**

Dissertation: Lewis Acid Mediated Reactions: Electronic Modification of Platinum Complexes and Metal-Free Catalysis
Mentors: Profs. T. Don Tilley and Robert G. Bergman

Scripps College

B.A. in Chemistry, summa cum laude with honors in Chemistry — **2006 – 2010**

Thesis: Aryl Orientation Preferences During Reductive Elimination from Platinum
Mentors: Profs. Nancy S. B. Williams and Kathleen L. Purvis-Roberts

PUBLICATIONS

Undergraduate researchers underlined ‡ = equal contribution * = corresponding author

At the American Chemical Society:

26. Banerjee, S.; Blakemore, J.; Brown, C.; Bonitatibus, P.; Campbell, B.; Carsch, K.; Chambers, M.; Cueny, E.; Dempsey, J.; Diaconescu, P.; Dobereiner, G.; Duletski, O.; Flinkingshelt, F.; Ghosh, A.; Gorden, A.; Gordon, J.; Gordon, J.; Hazari, N.; Heiden, Z.; Hokanson, S.; Javier-Jiménez, D.; Kannangara, P.; Klosin, J.; Laitar, D.; LaPointe, A.; Lee, S.; Léonard, N.; **Liberman-Martin, A. L.;** Machan, C.; Mane, E.; McCormick, T.; Mu, N.; Nett, A.; Olarinde, O.; Orzolek, B.; Pham, A.-T.; Plodukhin, A.; Radlauer, M.; Raffman, E.; Roberts, C.; Sadow, A.; Sampson, J.; Stanley, G.; Alexandra, A.; Strong, C.; Tonzetich, Z.; Trovitch, R.; Yadav, V.; Warren, T.; Waterman, R. Reproducibility, Replicability, and Research Quality in Homogeneous Catalysis. *ACS Catal.* **2026**. https://doi.org/10.1021/acscatal.6c05782

25. **Liberman-Martin, A. L.**;* Schlatterer, J. C. The ACS Petroleum Research Fund: A Cornerstone of Scientific Discovery. *Energy & Fuels* **2026**, *40*, 3439–3442. https://pubs.acs.org/doi/full/10.1021/acs.energyfuels.6c00464

24. Aumiller, W.; **Liberman-Martin, A. L.*** Celebrating 25 Years of Scientific Discoveries in Organic and Inorganic Chemistry Supported by the ACS Petroleum Research Fund. *Inorg. Chem.* **2025**, *64*, 25033–25035. https://pubs.acs.org/doi/10.1021/acs.inorgchem.5c05513

At Chapman University:

23. Robertson, H. J.; Fujiwara, M. N.; **Liberman-Martin, A. L.*** Group 14 Metallocene Catalysts for Carbonyl Hydroboration and Cyanosilylation. *Polyhedron* **2024**, 116837 (invited contribution to a special issue of "Emerging Investigators"). https://doi.org/10.26434/chemrxiv-2023-svjfl

22. Janda, B. A.; Tran, J. A.; Chang, D. K.; Nerhood, G. C.; Ogba, O. M.;* **Liberman-Martin, A. L.*** Carbodiimide and Isocyanate Hydroboration by a Cyclic Carbodiphosphorane Catalyst. *Chem. Eur. J.* **2023**, Accepted Article. (invited contribution to the "Chemistry of the p-Block Elements" special collection). https://doi.org/10.1002/chem.202303095
    - Highlighted on the *ChemistryViews* website: https://www.chemistryviews.org/hydroborations-using-a-cyclic-carbodiphosphorane-catalyst/

21. **Liberman-Martin, A. L.*** The Emergence of Zerovalent Carbon Compounds from Structural Curiosities to Organocatalysts. *Cell Rep. Phys. Sci.* **2023**, *4*, 101519. (invited Perspective article) https://doi.org/10.1016/j.xcrp.2023.101519

20. **Liberman-Martin, A. L.*** Ruthenium Olefin Metathesis Catalysts Featuring Chelating Benzylidene–Triazole Ligands. *Chem Catalysis* **2023**, *3*, 100725. (invited Preview article) https://doi.org/10.1016/j.checat.2023.100725

19. **Liberman-Martin, A. L.**;‡ van Vleet, M. J.;‡ Elenberger, T.; Cave, R. J.; Williams, N. S. B. Geometric Control of Carbon–Carbon Reductive Elimination from a Platinum(IV) Pincer Complex. *Organometallics* **2022**, *41*, 3104–3108. (special issue on "Organometallic Chemistry Inspired by Maurice Brookhart") https://doi.org/10.1021/acs.organomet.2c00282

18. Aversa-Fleener, C. R.; Chang, D. K.; **Liberman-Martin, A. L.*** Carbodiphosphorane-Catalyzed Hydroboration of Ketones and Imines. *Organometallics* **2021**, *40*, 4050–4054. https://doi.org/10.1021/acs.organomet.1c00628
    - Highlighted in the "Out in Inorganic Chemistry: A Celebration of LGBTQIAPN+ Inorganic Chemists" virtual issue of *Inorganic Chemistry*
    - A "Most Read" article from December 2021–February 2022 on the *Organometallics* website

17. **Liberman-Martin, A. L.**;*‡ Chang, A. B.;‡ Chu, C. K.; Siddique, R. H.; Lee. B;* Grubbs, R. H.* Processing Effects on the Self-Assembly of Brush Block Polymer Photonic Crystals. *ACS Macro Letters*, **2021**, *10*, 1480–1486. https://doi.org/10.1021/acsmacrolett.1c00579
    - A "Most Read" article from November–December 2021 on the *ACS Macro Letters* website

16. Naumann, R. A.; Ziller, J. W.; **Liberman-Martin, A. L.*** Crystal Structure of 2-(2,6-diisopropylbenzene)-*N*,*N*-diethyl-3,3-dimethyl-2-azaspiro[4.5]decan-1-amine: A Diethylamine Adduct of a Cyclic(Alkyl)(Amino)Carbene (CAAC). *Acta Crystallogr.* **2021**, *E77*, 903–906. https://doi.org/10.1107/S2056989021007854

15. **Liberman-Martin, A. L.**;*‡ Ogba, O. M.*‡ Midsemester Transition to Remote Instruction in a Flipped College-Level Organic Chemistry Course. *J. Chem. Educ.* **2020**, *97*, 3188–3193. (special issue on "Insights Gained While Teaching Chemistry in the Time of COVID-19") https://doi.org/10.1021/acs.jchemed.0c00632

From Prior Training:

14. Chu, C. K.; Lin, T.-P.; Shao, H.; **Liberman-Martin, A. L.**; Liu, P.; Grubbs, R. H. Disentangling Ligand Effects on Metathesis Catalyst Activity: Experimental and Computational Studies of Ruthenium–Aminophosphine Complexes. *J. Am. Chem. Soc.* **2018**, *140*, 5634–5643. https://doi.org/10.1021/jacs.8b02324

13. **Liberman-Martin, A. L.**; Grubbs, R. H. Ruthenium Olefin Metathesis Catalysts Featuring a Labile Carbodicarbene Ligand. *Organometallics* **2017**, *36*, 4091–4094. https://doi.org/10.1021/acs.organomet.7b00615

12. **Liberman-Martin, A. L.**; Chu, C. K.; Grubbs, R. H. Application of Bottlebrush Block Copolymers as Photonic Crystals. *Macromol. Rapid Commun.* **2017**, 1700058. (special issue on "Polymers and Light") https://doi.org/10.1002/marc.201700058

11. Chang, A. B.; Lin, T.-P.; Thompson, N. B.; Luo, S.-X.; **Liberman-Martin, A. L.**; Chen, H.-Y.; Lee, B.; Grubbs, R. H. Design, Synthesis, and Self-Assembly of Polymers with Tailored Graft Distributions. *J. Am. Chem. Soc.* **2017**, *139*, 17683–17693. https://doi.org/10.1021/jacs.7b10525

10. Lin, T.-P.; Chang, A. B.; Chen, H.-Y.; **Liberman-Martin, A. L.**; Bates, C. M.; Voegtle, M.; Bauer, C. A.; Grubbs, R. H. Control of Grafting Density and Distribution in Graft Polymers by Living Ring-Opening Metathesis Copolymerization. *J. Am. Chem. Soc.* **2017**, *139*, 3896–3903. https://doi.org/10.1021/jacs.7b00791

9. Suslick, B. A.; **Liberman-Martin, A. L.**; Wambach, T. C.; Tilley, T. D. Olefin Hydroarylation Catalyzed by (Pyridyl-Indolate)Pt(II) Complexes: Catalytic Efficiencies and Mechanistic Aspects, *ACS Catal.*, **2017**, *7*, 4313–4322. https://doi.org/10.1021/acscatal.7b01560
8. Lipke, M. C.; **Liberman-Martin, A. L.**; Tilley, T. D. Electrophilic Activation of Silicon–Hydrogen Bonds in Catalytic Hydrosilations. *Angew. Chem., Int. Ed.* **2017**, *56*, 2260–2294. https://doi.org/10.1002/anie.201605198
7. **Liberman-Martin, A. L.**; Levine, D. S.; Ziegler, M. S.; Bergman, R. G.; Tilley, T. D. Lewis Acid-Base Interactions between Platinum(II) Diaryl Complexes and Bis(Perfluorophenyl)Zinc: Strongly Accelerated Reductive Elimination Induced by a Z-Type Ligand. *Chem. Commun.* **2016**, *52*, 7039–7042. https://doi.org/10.1039/C6CC02433E
6. Lipke, M. C.; **Liberman-Martin, A. L.**; Tilley, T. D. Significant Cooperativity Between Ruthenium and Silicon in Catalytic Transformations of an Isocyanide. *J. Am. Chem. Soc.* **2016**, *138*, 9704–9713. https://doi.org/10.1021/jacs.6b05736
5. **Liberman-Martin, A. L.**; Ziegler, M. S.; DiPasquale, A. G.; Bergman, R. G.; Tilley, T. D. Functionalization of an Iridium–Diamidocarbene Complex by Ligand-Based Reactions with Titanocene and Zirconocene Sources. *Polyhedron* **2016**, *116*, 111–115. (special issue dedicated to Malcolm L. H. Green) https://doi.org/10.1016/j.poly.2016.03.044
4. **Liberman-Martin, A. L.**; Levine, D. S.; Liu, W.; Bergman, R. G.; Tilley, T. D. Biaryl Reductive Elimination Is Dramatically Accelerated by Remote Lewis Acid Binding to a 2,2′-Bipyrimidyl–Platinum Complex: Evidence for a Bidentate Ligand Dissociation Mechanism. *Organometallics* **2016**, *35*, 1064–1069. https://doi.org/10.1021/acs.organomet.5b01003
3. **Liberman-Martin, A. L.**; Bergman, R. G.; Tilley, T. D. Lewis Acidity of Bis(Perfluorocatecholato)Silane: Aldehyde Hydrosilylation Catalyzed by a Neutral Silicon Compound. *J. Am. Chem. Soc.* **2015**, *137*, 5328–5331. https://doi.org/10.1021/jacs.5b02807
2. **Liberman-Martin, A. L.**; Bergman, R. G.; Tilley, T. D. A Remote Lewis Acid Trigger Dramatically Accelerates Biaryl Reductive Elimination from a Platinum Complex. *J. Am. Chem. Soc*. **2013**, *135*, 9612–9615. https://doi.org/10.1021/ja404339u
1. Erupe, M. E.; **Liberman-Martin, A. L.**; Silva, P. J.; Malloy, Q. G. J.; Yonis, N.; Crocker, D. R.; Purvis-Roberts, K. L. Determination of Methylamines and Trimethylamine-N-oxide in Particulate Matter by Non-Suppressed Ion Chromatography. *J. Chromatogr. A.* **2010**, *1217*, 2070–2073. https://doi.org/10.1016/j.chroma.2010.01.066

Select Honors and Awards

At Chapman University

- Cottrell Scholar Award (2023)
- Valerie Scudder Award (2023)
  Recognition of outstanding achievement in teaching, scholarly/creative activity, and service to Chapman
- American Chemical Society Division of Inorganic Chemistry Award For Undergraduate Research (2022)
  Collaborative award with undergraduate researcher Ben Janda

At Caltech

- Resnick Sustainability Institute Postdoctoral Fellowship (2016 – 2018)
- Outstanding Poster Award, Division of Polymer Chemistry, ACS National Meeting (2017)

At UC Berkeley

- Benjamin Boussert Memorial Award, UC Berkeley, Department of Chemistry (2016)
  Award for exemplifying commitment to social or environmental change

At Scripps College

- Barbara McClintock Award for Best Senior Thesis in the Sciences (2010)

GRANTS

External Support ($407,421 total)

5. **Liberman-Martin, A. L. (PI)** Broadening Applications of the Weakly Coordinating Triflimidate Anion in Main Group Catalysis. *Research Corporation for Science Advancement, Cottrell Scholar Award*; 2023–2024; $100,000.
4. **Liberman-Martin, A. L. (PI)** LEAPS-MPS: Development of Carbodiphosphorane Catalysts for Organic and Polymer Synthesis. *National Science Foundation Launching Early-Career Academic Pathways in the Mathematical and Physical Sciences* (LEAPS-MPS); 2022–2024; $235,421.
3. **Liberman-Martin, A. L. (PI)** Carbodiphosphoranes as Organocatalysts for Carbodiimide and Isocyanate Reduction. *American Chemical Society Petroleum Research Fund, Undergraduate New Investigator Program*; 2021–2023; $55,000.
2. **Liberman-Martin, A. L. (PI)** Synthesis and Catalytic Applications of Carbodiphosphoranes. *Organic Syntheses Summer Research Grant for Faculty at Principally Undergraduate Institutions*; 2021–2024; $16,000.
1. **Liberman-Martin, A. L. (PI)** Hamilton Syringe Grant; 2019; $1,000.

Internal Grants from Chapman University ($25,000 total)

3. **Liberman-Martin, A. L. (PI)** Development of a Concept Video Library and Class Demonstrations for an Advanced Organic Chemistry Course. *Chapman Pedagogical Innovation Award*; 2020–2021; $5,000.
2. **Liberman-Martin, A. L. (PI)** Chapman University Faculty Opportunity Fund Grant; 2019–2021; $15,000.
1. **Liberman-Martin, A. L. (PI)** Chapman Grant Writers Bootcamp Grant; 2019–2021; $5,000.

TEACHING EXPERIENCE

Chapman University

CHEM 230: Organic Chemistry I	Student Eval Average: 4.69/5.00	**2018 – 2023**
CHEM 331: Organic Chemistry II	Student Eval Average: 4.73/5.00	**2019 – 2023**
CHEM 230L: Organic Chemistry I Lab	Student Eval Average: 4.80/5.00	**2018, 2019**
CHEM 331L: Organic Chemistry II Lab	Student Eval Average: 4.95/5.00	**2019**
CHEM 432: Advanced Organic Chemistry	Student Eval Average: 4.97/5.00	**2020, 2022**

Chapman University Student Eval Average: 4.37/5.00

Schmid College of Science and Technology Student Eval Average: 4.23/5.00

Caltech (as a co-Instructor of Record)

CHEM 101: Revolutionary Inorganic Molecules	**2016**

University of California, Berkeley (as a Graduate Student Instructor)

Organometallic Chemistry (with Prof. T. Don Tilley)	**2011, 2015**
NMR Spectroscopy (with Dr. Chris Canlas)	**2013**
Physical Organic Chemistry (with Prof. Robert G. Bergman)	**2012**
General Chemistry (with Prof. John Arnold)	**2010**

PRESENTATIONS

American Chemical Society

Grant Proposal Writing Workshops

ACS Fall and Spring Meetings	2024–present
ACS Postdoc to Faculty Workshop, Washington DC	2025, 2026
CAS Future Leaders	2024, 2025, 2026

Old Dominion University, Norfolk, VA April 2025

Biennial Conference on Chemical Education, Lexington, KY July 2024

Chapman University

CONTRIBUTED TALK: Zerovalent Carbon Catalysts for the Reduction of C=O and C=N Bonds. **Liberman-Martin, A. L.** American Chemical Society National Meeting, San Francisco, CA, August 2023.

INVITED TALK: Catalytic Activity of Zerovalent Carbon Compounds. **Liberman-Martin, A. L.** Organometallics Gordon Research Conference, Newport, RI, July 2023.

INVITED TALK: Carbodiphosphoranes as Organocatalysts for Hydroboration and Hydrosilylation Reactions. **Liberman-Martin, A. L.** American Chemical Society National Meeting, San Diego, CA, March 2022. (Phosphorus Chemistry Symposium)

INVITED TALK: Nucleophilic Carbon Catalysts for Organic and Polymer Synthesis. Chemistry Department Seminar. **Liberman-Martin, A. L.**, Reed College, March 2022.

INVITED TALK: Nucleophilic Carbon Catalysts for Organic and Polymer Synthesis. **Liberman-Martin, A. L.** Chemistry Seminar, Montclair State University, November 2021.

INVITED TALK: **Liberman-Martin, A. L.** Main Group Catalysts for Organic and Polymer Synthesis. Chemistry Department Seminar, Virtual Science Nights (intercollegiate seminar series between University of San Diego, Gonzaga University, Metropolitan State University of Denver, Point Loma Nazarene University, LaSierra University, and Chapman University), March 2021.

INVITED TALK: Main Group Catalysts for Organic and Polymer Synthesis. **Liberman-Martin, A. L.** Chemistry Department Seminar, Cleveland State University, January 2021.

INVITED TALK: Metal-Free Catalysts for Organic and Polymer Synthesis. **Liberman-Martin A. L.** Schmid Science Forum, Chapman University, November 2020.

CONTRIBUTED POSTER: Hydroboration by a Cyclic Carbodiphosphorane Organocatalyst. **Liberman-Martin, A. L.** Organometallics Gordon Research Conference, Newport, RI, July 2019.

PROFESSIONAL SERVICE AND OUTREACH

Service to the Chemistry Profession and Broader Community

ACS Staff Liaison, Committee on Chemists with Disabilities	**2025 – 2026**
Ad hoc manuscript reviewer:	**2018 – 2025**
CHEM, Chem Catalysis, Chemical Communications, Chemical Science, Dalton Transactions, Green Chemistry, Organic and Biomolecular Chemistry, Journal of the American Chemical Society, Journal of Chemical Education	
Ad hoc grant proposal reviewer	**2021 – 2024**
American Chemical Society Petroleum Research Fund (Physical Organic panel)	**2024**
American Chemical Society Petroleum Research Fund (Polymer Science panel)	**2023**
Army Research Office – Materials Design Program	**2022**
National Science Foundation – Chemical Catalysis Program	**2021, 2022, 2023**
M. J. Murdock Charitable Trust – Murdock College Research Program for Natural Sciences	**2022**
Beckman Scholars Program Advisory Panel	**2022**
Facilitator – ACS “Postdoc to Faculty” workshop Led a session on “Inclusive Teaching Methods”	**2022**
Presider – *Phosphorus Chemistry Symposium*, ACS National Meeting	**2022**
Panelist – Caltech panel on “Demystifying the Research Statement”	**2020**
Speaker – UC Berkeley Science, Leadership, and Management Seminar Series “Mentoring and Working with Undergraduates”	**2019**
Judge – California Junior Science and Humanities Symposium	**2019**

Service to the Chapman University Community

Member, Search Committees (4):	**2019 – 2023**
Instructional Assistant Professor of Chemistry (3); Assistant Professor of Mathematics (1)	

Member, Chemistry and Biochemistry Program Committees (2): Curriculum Alignment Committee; Chemistry & Biochemistry Seminar Series	**2023**
Chemistry and Biochemistry Program Working Groups (3): Macromolecular Curriculum (chair); ACS Chemistry Exit Exam (member); Organic Chemistry Curriculum Development (member)	**2018 – 2023**
Advisory Board Member, Chapman Tutoring and Learning Center	**2021 – 2023**
Member, Academic Integrity Committee	**2021 – 2023**
Member, Chapman Beckman Scholars Selection Committee	**2021, 2023**
Panelist, Chapman STEM Grant Writers Bootcamp "Successful Grantees" Panel	**2023**
Discussion Leader (2):	
"Flipped Classrooms" roundtable within Schmid College	**2020**
"Pathway to a PhD in Science" discussion with the Chapman Tribeta Biological Honor Society	**2018**

At Caltech

Panelist, Caltech Project for Effective Teaching "Interviewing for Faculty Positions" panel	**2018**
Member, Caltech Teaching Conference Organizing Committee Facilitated session on "Authoring Problem Sets and Exams"	**2017**
Presider – *New Synthesis and Characterization of Polymers*, ACS National Meeting	**2017**
Mentor, Women Mentoring Women Program	**2016 – 2018**

At UC Berkeley

Student Chair, Chemical Science Division Catalysis Group, Lawrence Berkeley National Laboratory Organized a monthly interdisciplinary seminar series	**2013 – 2015**
Classroom Volunteer, Bay Area Scientists in Schools "Be a Scientist" program mentoring 7th grade students' scientific investigations over a two-month period	**2010 – 2015**

RESEARCH ADVISEES AT CHAPMAN UNIVERSITY

Undergraduate Researchers

	Advisee	Timeline	Awards/Recognitions	Post-Chapman
18	**Melia Hernandez** B.S., Chem. '26	2023		Northwestern (Ph.D. Chem.)
17	**Mallory Fujiwara** B.S., Biochem. '25	2023		UC - Irvine (Ph.D. Chem.)
16	**Mia Lee** B.S.,Chem. '25	2023		
15	**Gabby Montgomery** B.S., Chem. '25	2023 – 2024		Terray Therapeutics
14	**Mac Nelson** B.S., Biochem. '24	2023 –2024		
13	**An Dang** B.S., Biochem. '24	2022 –2023		Drexel (MD)
12	**Julie Tran** B.S., Biochem. '24	2022 – 2024		UC San Francisco (DDS)

	Advisee	Timeline	Awards/Recognitions	Post-Chapman
11	**Ben Janda** B.S., Chem. ‘23	2021 – 2023	Goldwater Scholar, Beckman Scholar, ACS Division of Inorganic Chemistry Award for Undergraduate Research, National Organic Chemistry Symposium Poster Award Winner, Chevron Award (Chapman’s highest undergraduate honor), Outstanding Senior in Chemistry	UCLA (Ph.D. Chem.)
10	**Haley Robertson** B.S., Chem. ‘23	2021 – 2023		Ensiacet (M.S. Green Chem.)
9	**Alexa Wilson** B.S., Chem. ‘23	2020 – 2022		CSU Fullerton (M.S. Chem.)
8	**Tamara Elenberger** B.S., Biochem. ‘22	2020 – 2021		
7	**Liam Sullivan** B.S., Chem. ‘22	2020 – 2022	ACS Senior Leadership Award	UC Riverside (Ph.D. Chem.); Cal. Poly. Pomona (M.S. Chem.)
6	**Biyu (Chelsea) Zhao** B.S., Chem. ‘22	2022	ACS Undergraduate Award in Organic Chem.	Colorado State Univ. (Ph.D. Chem.)
5	**Vanna Kizirian** B.S., Chem. ‘22	2020 – 2021		Alkemist Labs
4	**Roxanne Naumann** B.S., Chem. ‘21	2019 – 2021	Outstanding Senior in Chemistry	UC - San Diego (Ph.D. Chem.)
3	**Cara Aversa-Fleener** B.S., Biochem. ’21	2019 – 2021		Chapman (PA)
2	**Ali Mahmoud**	2020		Univ. Washington (B.S.Ch.E. in Chemical Engineering)
1	**Daniel Chang** B.S., Chem. ‘19	2018 – 2020	NSF GRFP recipient, Ronald M. Huntington Award (Chapman award for research accomplishments), Outstanding Senior in Chemistry	California Institute of Technology (M.S.); Software Engineer

Teacher-Scholar Postdoctoral Fellow

	Advisee	Timeline	Post-Chapman
1	Zach Thammavongsy	2019 – 2022	Asst. Prof. of Chem., Santiago Canyon College

High School Researchers

	Advisee	Timeline
4	Alberto Alvalos	Spring 2023
3	Joshua Martinez	Spring 2023
2	Evangelina Ocampo	Spring 2022
1	Alexa Tellez-Barajas	Spring 2023