Quentin Michaudel

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Texas A&M University
Department of Chemistry
College Station, TX 77843-3255

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PROFESSIONAL EXPERIENCE

Associate Professor 2024–present
Assistant Professor 2018–2024
Department of Chemistry, Texas A&M University
Department of Materials Science & Engineering, Texas A&M University
Interests: *Organic Chemistry, Polymer Science, Synthesis, Catalysis, Conjugated Materials, Sustainability*

Postdoctoral Research Associate 2015–2018
Cornell University, *Advisor*: Professor Brett P. Fors
Research projects: *Photocontrolled polymerizations, biorenewable monomers*

Graduate Research Assistant 2010–2015
The Scripps Research Institute, *Advisor*: Professor Phil S. Baran
Dissertation title: Oxidation of Complex Molecules: From Nature to the Flask

Visiting Student (Masters' Research) Feb–Aug 2009
The Scripps Research Institute, *Advisor*: Professor Phil S. Baran
Dissertation title: *Stereocontrolled Synthesis of Plavix® (Clopidogrel) Metabolites*

EDUCATION

The Scripps Research Institute, La Jolla 2010–2015
Ph.D. in Chemistry
École Normale Supérieure de Lyon (France) 2008–2010
M.S. with honors in Chemistry
École Normale Supérieure de Lyon (France) 2007–2008
B.S. with honors in Physics and Chemistry
Lycée Sainte-Geneviève, Versailles (France) 2004–2007
Preparatory classes for competitive entrance exam to the École Normale Supérieure

AWARDS

Robert Augustine Award of the Organic Reactions Catalysis Society (ORCS) 2026
Camille Dreyfus Teacher-Scholar Award 2024
College of Arts and Sciences Research Impact Award 2024
College of Arts and Sciences Early Career Teaching Award 2023
Rising Star for *ACS Polymer Au* 2023
NSF CAREER Award 2022
ACS PMSE Young Investigator Award 2022
Academic Young Investigator's Symposium (ACS, Organic Division) 2022
Emerging Investigator for *Polymer Chemistry* 2022
Montague-Center for Teaching Excellence Scholars Program 2021

Thieme Chemistry Journals Award	2021
NIH MIRA (R35) Award	2020
Selected to attend the NIH Workshop "New Faculty in Organic and Chemical Biology"	2019
Selected to participate in the Cottrell Scholars Collaborative New Faculty Workshop	2018
SciFinder Future Leaders Award	2015
Bristol-Myers Squibb Graduate Fellowship in Synthetic Organic Chemistry	2014
TSRI Graduate Student Symposium Outstanding Presentation Award	2013

PUBLICATIONS

(†signifies co-authorship, undergraduate co-authors, *signifies corresponding)

In Preparation, Under Review, and Preprints

38) Nicholson, J. L.; Kempel, S. J.; Hsu, T.-W.; Rentería-Gómez, Á.; Gravet, A.; Gallo, C. E. Gutierrez, O.; **Michaudel, Q.*** Leveraging Mechanistic Insights into Stereoretentive ROMP for Precision Synthesis of Poly(*p*-phenylene vinylene)s. *Under review. Preprint available: ChemRxiv. Cambridge: Cambridge Open Engage: 2026. DOI: 10.26434/chemrxiv.10001967/v*

Independent Career

37) Scriven, J.;† Chattapadhyay, D.;† Glaser, F.; Elias, B.; **Michaudel, Q.;*** Troian-Gautier, L.* Triplet Energy Transfer as a Handle to Tune 1,2-Dialkyldiazene Fragmentation in Radical $C(sp^3)$–$C(sp^2)$ Coupling. *J. Am. Chem. Soc.* **2026**. *In Press.*

36) Nicholson, J. L.; **Michaudel, Q.*** Controlling plastic behavior with light (Perspective). *Science.* **2026**, *391*, 446–447.

35) Tran, A.; Bhat, V.; **Michaudel, Q.*** Acid-Promoted ROMP of a Pyridine-Fused Norbornene toward Main-Chain Cationic Polymers. *Macromol. Chem. Phys.* **2026**. *In Press.*

34) Saha, B.; Das, S.; **Michaudel, Q.*** From Carbonyl to Sulfonyl: Unlocking Advanced Polymers with SuFEx-Enabled "Macroisosteres". *Prog. Polym. Sci.* **2026**, *174*, 102078. *Invited contribution to Rising Stars Series.*

33) Chattapadhyay, D.; Liu, E.-C.;† Diaz, M. J.;† Maity, A.; Bratten, B. A.; **Michaudel, Q.*** Radical Sorting as a General Framework for Deaminative $C(sp^3)$–$C(sp^2)$ Cross-Coupling. *Chem* **2026**, *12*, 102716.

32) Nicholson, J. L.; Gravet, A. C.; **Michaudel, Q.*** Telechelic all-*cis* polycyclooctene via catalytic stereoretentive ROMP for the synthesis of polylactide-based ABA triblock copolymers. *Faraday Discuss.* **2026**, *262*, 226–237.

31) Choudhury, A.; Prabhakar, V.; Newman, Z. B.; **Michaudel, Q.*** Bifunctional Aziridines from Photochemically Generated FSO_2NH_2 for SuFEx Diversification of Alkenes. *Angew. Chem. Int. Ed.* **2026**, *65*, e21575.

30) Das, S.; Doktor, K.; Saha, B.; Sousa e Silva, F. C.; Wynn, R. M.; **Michaudel, Q.*** Polysulfamates as "Macroisosteres" of Polyurethanes with Improved Degradability. *Angew. Chem. Int. Ed.* **2025**, *64*, e202510841.

29) Doktor, K.; Vantourout J. C.;* **Michaudel, Q.*** A Unified Synthesis of Diazenes from Primary Amines Using a SuFEx/Electrochemistry Strategy. *Org. Lett.* **2024**, *26*, 7501–7506.

28) Mandal, H.; Ogunyemi, O.; Nicholson, J. L. Orr, M.; Lalisse, R. F.; Rentería-Gómez, Á; Gogoi, A. R.; Gutierrez, O.; **Michaudel, Q.;*** Goodson, T.* Linear and Nonlinear Optical

Properties of all-*cis* and all-*trans* Poly*(p*-phenylene vinylene). *J. Phys. Chem. C* **2024**, *128*, 2518–2528.

27) Hancock, S. N. Yuntawattana, N.; Diep, E.; Maity, A.; Tran, A.; Schiffman. J.;* **Michaudel, Q.*** Ring-opening Metathesis Polymerization of *N*-methylpyridinium-fused Norbornenes to Access Antibacterial Main-chain Cationic Polymers. *Proc. Natl. Acad. Sci.* **2023**, *120*, e2311396120.

26) Wu, Z.; Wu, J. W.; **Michaudel, Q.;*** Jayaraman, A.* Investigating the Hydrogen Bond-Induced Self-Assembly of Polysulfamides Using Molecular Simulations and Experiments. *Macromolecules* **2023**, *56*, 5033–5049.

25) Kempel, S. J.;† Hsu, T.-W.;† Nicholson, J. N.; **Michaudel, Q.*** *cis*-Selective Acyclic Diene Metathesis Polymerization of α,ω-Dienes. *J. Am. Chem. Soc.* **2023**, *145*, 12459–12464.

24) Chattapadhyay, D.;† Aydogan, A.;† Doktor, K.; Maity, A.; Wu, J. W.; **Michaudel, Q.*** Harnessing Sulfur(VI) Fluoride Exchange Click Chemistry and Photocatalysis for Deaminative Benzylic Arylation. *ACS Catal.* **2023**, *13*, 7263–7268.

23) Wu, J. W.; Kulow, R. W.; Redding, M. J.; Fine, A. J.; Grayson, S. M.; **Michaudel, Q.*** Synthesis of Degradable Polysulfamides via Sulfur(VI) Fluoride Exchange Click Polymerization of AB-type Monomers. *ACS Polym. Au.* **2023**, *3*, 259–266.
Invited contribution to the "2023 Rising Stars collection."

22) Hsu, T.-W.;† Kempel, S. J.;† Felix Thayne, A. P.; **Michaudel, Q.*** Stereocontrolled Acyclic Diene Metathesis Polymerization. *Nat. Chem.* **2023**, *15*, 14–20.

21) Hancock, S.;† Yuntawattana, N.;† Valdez, S.; **Michaudel, Q.*** Expedient Synthesis and Ring-Opening Metathesis Polymerization of Pyridinonorbornenes. *Polym. Chem.* **2022**, *13*, 5530–5535. Invited contribution to "Polymer Chemistry Emerging Investigators Series."

20) **Michaudel, Q.;*** Kempel, S. J.; Hsu, T.-W.; deGruyter, J. N. *E* vs *Z* Selectivity in Olefin Metathesis Through Catalyst Design. In *Comprehensive Organometallic Chemistry IV*, 4th ed.; Parkin, G. F. R.; Meyer, K.; O'Hare, D. Eds; Kidlington, UK: Elsevier, 2022, 265–338.

19) Hsu, T.-W.; Kempel, S. J.; **Michaudel, Q.*** All-*cis* Poly(*p*-phenylene vinylene)s with High Molar Masses and Fast Photoisomerization Rates Obtained through Stereoretentive Ring-opening Metathesis Polymerization of [2,2]Paracyclophane Dienes with Various Aryl Substituents. *J. Polym. Sci.* **2022**, *60*, 569–578.

18) Sousa e Silva, F. C.;† Doktor, K.;† **Michaudel, Q.*** Modular Synthesis of Alkenyl Sulfamates and *β*-Ketosulfonamides via Sulfur(VI) Fluoride Exchange (SuFEx) Click Chemistry and Photomediated 1,3-Rearrangement. *Org. Lett.* **2021**, *23*, 5271–5276.

17) Kempel, S. J.; Hsu, T.-W.; **Michaudel, Q.*** Stereoretentive Olefin Metathesis: A New Avenue for the Synthesis of All-*cis* Poly(*p*-phenylene vinylene)s and Stereodefined Polyalkenamers. *Synlett* **2021**, *32*, 851–857.

16) Kulow, R. W.;† Wu, J. W.;† Kim, C.; **Michaudel, Q.*** Synthesis of Unsymmetrical Sulfamides and Polysulfamides *via* SuFEx Click Chemistry. *Chem. Sci.* **2020**, *11*, 7807–7812.

15) Hsu, T.-W.;† Kim, C.;† **Michaudel, Q.*** Stereoretentive Ring-Opening Metathesis Polymerization to Access All-*cis* Poly(*p*-phenylenevinylene)s with Living Characteristics. *J. Am. Chem. Soc.* **2020**, *142*, 11983–11987.

Postdoctoral, Graduate, and Master Publications

14) Kottisch, V.; O'Leary, J.; **Michaudel, Q.**; Stache, E. E.; Lambert, T. H.; Fors, B. P. Controlled Cationic Polymerization: Single-Component Initiation Under Ambient Conditions. *J. Am. Chem. Soc.* **2019**, *141*, 10605–10609.

13) **Michaudel, Q.**; Chauviré, T.; Kottisch, V.; Supej, M. J.; Stawiasz, K. J.; Shen, L.; Zipfel, W. R.; Abruña, H. D.; Freed, J. H.; Fors, B. P. Mechanistic Insight into the Photocontrolled Cationic Polymerization of Vinyl Ethers. *J. Am. Chem. Soc.* **2017**, *139*, 15530–15538.

12) Kottisch, V.; **Michaudel, Q.**; Fors, B. P. Photocontrolled Interconversion of Cationic and Radical Polymerizations. *J. Am. Chem. Soc.* **2017**, *139*, 10665–10668.

11) Trotta, J. T.; Jin, M.; Stawiasz, K. J.; **Michaudel, Q.**; Chen, W.-L.; Fors, B. P. Synthesis of Methylene Butyrolactone Polymers from Itaconic Acid. *J. Polym. Sci. Part A: Polym. Chem.* **2017**, *55*, 2730–2737.

10) **Michaudel, Q.**; Kottisch, V.; Fors, B. P. Cationic Polymerization: From Photoinitiation to Photocontrol. *Angew. Chem. Int. Ed.* **2017**, *56*, 9670–9679.

9) Kottisch, V.;† **Michaudel, Q.**;† Fors, B. P. Cationic Polymerization of Vinyl Ethers Controlled by Visible Light. *J. Am. Chem. Soc.* **2016**, *138*, 15535–15538.

8) **Michaudel, Q.**; Fors, B. P. Storing Information at the Molecular Level: Efficient Synthesis of "Barcode" Polymers. *Chem* **2016**, *1*, 23–24.

7) Dao, H.; Li, C.;† **Michaudel, Q.**;† Maxwell, B. D.; Baran, P. S. Direct Hydromethylation of Unactivated Olefins. *J. Am. Chem. Soc.* **2015**, *137*, 8046–8049.

6) Teufel, R.; Stull, F.; Meehan, M. J.; **Michaudel, Q.**; Dorrestein, P. C.; Palfey, B.; Moore, B. S. Biochemical Establishment and Characterization of EncM's Flavin-N5-Oxide Cofactor. *J. Am. Chem. Soc*. **2015**, *137*, 8078–8085.

5) Shaw, S. A.; Balasubramanian, B.; Bonacorsi, S.; Caceres Cortes, J.; Cao, K.; Chen, B-C.; Dai, J.; Decicco, C.; Goswami, A.; Guo, Z.; Hanson, R.; Humphreys, W. G.; Lam, P. Y. S.; Li, W.; Mathur, A.; Maxwell, B. D.; **Michaudel, Q.**; Peng, L.; Pudzianowski, A.; Qiu, F.; Su, S.; Sun, D.; Tymiak, A. A.; Vokits, B. P.; Wang, B.; Wexler, R.; Wu, D-R.; Zhang, Y.; Zhao, R.; Baran, P. S. Synthesis of Biologically Active Piperidine Metabolites of Clopidogrel: Determination of Structure and Analyte Development. *J. Org. Chem.* **2015**, *80*, 7019–7032.

4) **Michaudel, Q.**; Ishihara, Y.; Baran, P.S. Academia−Industry Symbiosis in Organic Chemistry. *Acc. Chem. Res.* **2015**, *48*, 712–721.

3) **Michaudel, Q.**; Journot, G.; Regueiro-Ren, A.; Goswami, A.; Guo, Z.; Tully, T. P.; Zou, L.; Ramabhadran, R. O.; Houk, K. N.; Baran, P. S. Improving Physical Properties *via* C–H Oxidation: Chemical and Enzymatic Approaches. *Angew. Chem. Int. Ed.* **2014**, *53*, 12091–12096.

2) Teufel, R.;† Miyanaga, A.;† **Michaudel, Q.**;† Stull, F.;† Louie, G.; Noel, J. P.; Baran, P. S.; Palfey, B.; Moore, B. S. Flavin-Mediated Dual Oxidation Controls an Enzymatic Favorskii-Type Rearrangement. *Nature* **2013**, *503*, 552–556.

1) **Michaudel, Q.**;† Thevenet, D.;† Baran, P. S. Intermolecular Ritter-Type C–H Amination of Unactivated sp^3 Carbons. *J. Am. Chem. Soc.* **2012**, *134*, 2547–2550.

SELECTED PRESENTATIONS

- **Invited Talks**

Princeton University	Feb 10, 2026
Stony Brook University	Dec, 8, 2025
The University of Texas at San Antonio	Sep 19, 2025
Organometallic Chemistry Gordon Research Conference, Newport, RI	July 17, 2025
ISOM-XXV–25th International Symposium on Olefin Metathesis, Liège, BEL	July 11, 2025
Aix Marseille Université	July 4, 2025
Scripps Research	Mar 11, 2025
University of California – San Diego	Mar 10, 2025
University of California – Riverside	Mar 7, 2025
Texas State University	Mar 3, 2025
Dartmouth College	Feb 11, 2025
Virginia Tech, Blacksburg, VA	Nov 22, 2024
The University of Texas at Dallas, Richardson, TX	Nov 8, 2024
Polymer Technology Industrial Consortium Meeting, Texas A&M, TX	Oct 18, 2024
The College of Wooster, Wooster, OH	Sep 17, 2024
ACS National Meeting Fall 2024, Denver, CO (2 talks)	Aug 21, 2024
Canadian Chemistry Conference and Exhibition 2024, Winnipeg, MB	Jun 5, 2024
Florida Heterocyclic and Synthetic Chemistry Conference, Gainesville, FL	Mar 12, 2024
Golden Gate Polymer Forum, webinar	Feb 22, 2024
ACS Southwest Regional Meeting, Oklahoma City, OK	Nov 15, 2023
University of Tennessee, Knoxville	Sep 14, 2023
Polymer Gordon Research Conference, Mount Holyoke, MA	Jun 7, 2023
University of California – Los Angeles	May 10, 2023
University of California – Santa Barbara	May 9, 2023
Stanford University	Apr 26, 2023
University of California – Berkeley	Apr 25, 2023
University of Oregon	Apr 21, 2023
University of Washington	Apr 20, 2023
ACS National Meeting Spring 2023, Indianapolis, IN	Mar 26, 2023
Materia™ Inc., Pasadena, CA	Mar 9, 2023
California Institute of Technology	Mar 8, 2023
Florida State University	Feb 16, 2023
University of Florida	Feb 14, 2023
University of North Carolina – Chapel Hill	Feb 1, 2023
Duke University	Jan 31, 2023
École Normale Supérieure de Lyon, France	Jan 25, 2023
Université de Lyon 1, France	Jan 24, 2023
University of Birmingham, UK	Jan 19, 2023
University of Bath, UK	Jan 18, 2023
Massachusetts Institute of Technology	Dec 7, 2022
Boston College	Dec 6, 2022
University of Southern Mississippi	Nov 9, 2022
The Georgia Institute of Technology	Oct 11, 2022
Cornell University	Sep 26, 2022

University of Rochester — Sep 23, 2022
ACS National Meeting Fall 2022, Chicago, IL (2 talks) — Aug 23, 2022
ACS Mena 2022, Doha, Qatar — May 11, 2022
Polymer Technology Industrial Consortium Meeting, Texas A&M, TX — Apr 21, 2022
Macromolecular Summer Seminar Series, University of Florida (virtual) — May 25, 2021
Trinity University — Oct 29, 2020
Society of Plastic Engineers, Texas A&M, TX — Feb 6, 2020
GPC Conference, New Orleans, LA — Jul 10, 2019
SciFinder® Future Leaders in Chemistry — Aug 10–15, 2015
Bristol-Myers Squibb Chemistry Award Symposium — Apr 16, 2015

- **Contributed Presentations**

Polymerisation and depolymerisation chemistry: the second century Faraday Discussion, Oxford, UK — Sep 9, 2025
ACS National Meeting Spring 2025, San Diego, CA — Mar 23, 2025
Stereochemistry Gordon Research Conference, Newport, RI — Jul 21–26, 2024
ACS National Meeting Spring 2024, New Orleans, LA — Mar 18, 2024
ACS National Meeting Fall 2023, San Francisco, CA — Aug 15, 2023
ISOM-XXIV–24th International Symposium on Olefin Metathesis, Bergen, NO — July 4, 2023
ACS National Meeting Spring 2023, Indianapolis, IN (2 talks) — Mar 27, 2023
Stereochemistry Gordon Research Conference, Newport, RI — Jul 24–29, 2022
ACS National Meeting Spring 2022, San Diego, CA (2 talks) — Mar 21–22, 2022
ACS National Meeting Fall 2021, Atlanta, GA (2 virtual talks) — Aug 22–25 2021
ACS National Meeting Spring 2021, San Antonio, TX (virtual) — Apr 13, 2021
Stereochemistry Gordon Research Conference, (COVID cancellation) — Jul 2021
ACS National Meeting Spring 2020, (COVID cancellation) — Mar 2020
Polymers for Advanced Technologies Conference, College Station, TX — Aug 9, 2019
Polymer Gordon Research Conference, Mount Holyoke, MA — Jun 9–14, 2019
ACS National Meeting Fall 2018, Boston, MA — Aug 22, 2018
Polymer Gordon Research Conference, Mount Holyoke, MA — Jun 11–17, 2017
ACS National Meeting Fall 2016, Boston, MA — Aug 24, 2016

RESEARCH SUPPORT

Current External Funding

Camille Dreyfus Teacher–Scholar Award (**$100,000**): Harnessing New Modes of Reactivity for the Precise Synthesis of Polymers with Tailored Properties — 2024–2029

Welch Foundation Grant (**$300,000**): Exploring New Macromolecular Space for the Design of Selective Antibacterial Cationic Polymers — 2024–2027

NSF CAREER (**$713,874**): CAREER: Precise Synthesis of Polymers with Tunable Properties Through Stereocontrolled Olefin Metathesis — 2023–2028

NSF, Collaborative Research: Syntheses and Solution-Phase Properties of Rigid Conjugated Ladder Polymer Chains (**$325,000**, **$78,000 for QM**) — 2023–2026

Department of Energy, Office of Science **($1,014,866**, **$330,000 for QM**): Understanding Structure, Phase Behavior, and Physical Properties of Polysulfamides and Polysulfamates using Simulations, Experiments, and Machine Learning (co-PI, lead: Arthi Jayaraman) — 2022–2025

NIH MIRA R35 for Early Stage Investigators (**$1,813,140**): Primary Amines as Versatile Precursors for the Synthesis of Bioactive Molecules and Macromolecular Drug Carriers. 2020–2025

Current Internal Funding

ArtSci Research Grant (**$50,000**): Polysulfamates as "Macroisosteres" of High-Commodity Polyurethanes: Toward the Design of Sustainable Next-Generation Plastics 2026

Past External Funding

FACE Foundation **($20,000, $10,000 for QM**): Synthesis of Azo Compounds via 'Electroclick' Chemistry: A Green Approach Toward Therapeutics and Stimuli-Responsive Polymers (PI, with Julien Vantourout) 2022–2024

American Chemical Society Petroleum Research Fund, Doctoral New Investigator (**$110,000**): Conductive Polymers with a Twist: New Tools for the Synthesis and Study of Distorted Graphene Nanoribbons 2019–2022

Welch Foundation Grant (**$195,000**): C–C Cross Couplings Enabled by SuFEx Click Chemistry 2019–2022

TEACHING EXPERIENCE

CHEM 227: Organic Chemistry I *Texas A&M University*, Chemistry
CHEM 228: Organic Chemistry II *Texas A&M University*, Chemistry
CHEM 231: Techniques of Organic Chemistry *Texas A&M University*, Chemistry
CHEM 446: Organic Chemistry III *Texas A&M University*, Chemistry
CHEM 610: Organic Reactions (graduate level) *Texas A&M University*, Chemistry

MENTORING

Postdoctoral Researchers: Biswajit Saha (2024–2025, presently Ramanujan Faculty at CSIR-NIIST at Thiruvananthapuram); En-Chih Liu (2024–2025, presently Assistant Professor, Missouri University of Science and Technology); Arunava Maity (2022–2024, presently Scientist, Resil Chemicals, India); Akın Aydoğan (2022–2023, presently Scientist, NovAlix, Belgium); Nattawut Yuntawattana (2020–2021, presently Assistant Professor, Department of Materials Science, Kasetsart University, Thailand); Felipe Cesar Sousa e Silva (2020–2022, presently Assistant Professor, Scientist, Instituto Federal de Ciência e Tecnologia de Sergipe, Brazil); Cheoljae Kim (2018–2019, presently Associate Professor Department of Chemistry, Chungbuk National University, Korea)

Graduate Students: Ellis Barger (2025–present); Umesh Dash (2025–present); Diana Llamas (2025–present); Guanghua Yu (2025–present); Steven Hodge (2025–present); Vaishak Bhat (2024–present); Antoine Gravet (2024–present); Mark Jeffrey Diaz (2023–present); Varun Prabhakar (2023–present); Avinash Choudhury (2022–present); Srutashini Das (2022–present); Mary Yenca (2022–present); Jake Nicholson (2021–present); An Tran (2021–present); Deepta Chattapadhyay (2020–present); Katarzyna (Kate) Doktor (2019–2024, presently Research Engineer at AFLR), Samuel Kempel (2019–2024, presently Scientist, Evonik Corporation), Ting-Wei (Tim) Hsu (2019–2023, presently Postdoctoral Researcher, Argonne National Laboratory), Sarah Hancock (2018–2023, presently Scientist, Evonik Corporation), Jiun-Wei (Alec) Wu (2018–2023, presently Postdoctoral Researcher, Northwestern University)

Master Students: Alexander Holter (2020–2022, presently Scientist, Charles River Laboratories Inc); Ryan Kulow (2018–2020, Scientist, Lynntech Inc)

Undergraduate Students: Wyatt Silvey (TAMU ’27, 2025–present), Elian Montas (NSF-REU, College of the Holy Cross’27, summer 2025), Emmanuel Cruz (University of Puerto Rico, Cayey’26, summer 2025); Harrison Littman (TAMU ’26, 2025–present), Cameron Smith (TAMU ’26, 2025–present), Liam Taylor (TAMU ’27, 2024–present), Amanda Foster (TAMU ’25, 2024–2025), Matthew Fife (TAMU ’26, 2024), Ben Bratten (TAMU ’25, 2023–2024), Zakary Newman (TAMU ’24, 2023–2024), Arthran Fonjweng-Chungong (Prairie View A&M University ’24, summer 2023), Caroline Gallo (TAMU ’25, 2022–2024), Emma Trussell (TAMU ’23, 2022–2023), Rachel Wynn (NSF-REU, Southeastern Oklahoma State University ’24, summer 2022), Antoine Gravet (Chimie ParisTech-Université PSL ’23, France, 2022), Cate Conway (TAMU ’23, 2022–2023), Rene Garcia (TAMU ’24, 2022), Spencer Li (TAMU ’22, 2022), Leonardo Lizardi-Rodriguez (NSF-REU, University of Puerto Rico, Río Piedras ’23, summer 2021) Alyssa Felix Thayne (**NSF GRFP 2022**, TAMU ’22, 2021–2022), Alexander Fine (TAMU ’23, 2020–2022), Alexandria Arboleda (TAMU ’21, 2020–2021), Cortlan Parrish (TAMU ’21, 2020–2021), Patrick Williams (TAMU ’21, 2020–2021), Luma Al-Mahbobi (TAMU ’22, 2019–2020), Sara Valdez (TAMU ’20, 2019–2020), Eric Comstock (TAMU ’22, 2019–2020), Jinquan Suo (Jilin University’20, China, 2019–2020), Crystal Chi (NSF-REU, Texas A&M Kingsville ’20, summer 2019), Guadalupe Florencio (TAMU ’20, 2019), Yali Wu (TAMU ’20, 2019), Randinu Pulukkody (TAMU ’18, 2018–2019), Katie Stawiasz (Cornell University ’18, 2016–2018)

SERVICE ACTIVITIES

Advising at Texas A&M University

- Faculty advisor, Aggie ACHIEVE (comprehensive transition program for young adults with intellectual and developmental disabilities) 2019–present
- Faculty advisor, Texas A&M University ACS POLY/PMSE student chapter 2018–present

Other Service Activities at Texas A&M University

- Reviewer, Montague-Center for Teaching Excellence Scholars Program 2025
- Member, Executive Committee, Department of Chemistry 2025
- Member, Academic Operations Council, Department of Chemistry 2024–present
- Chair, Organic Division 2024–present
- Chair, Proactive Recruitment Operations (PROps) Committee 2024–present
- Member, Undergraduate Curriculum Committee 2024–present
- Member, Search Committees 2024–present
- Member, Graduate Awards Committee 2023–present
- Member, Graduate Admissions and Review Committee 2022–2024
- Member, Safety Committee 2019–present
- Member, Seminar Committee 2019–2023

Reviewing

- Member editorial advisory board of *Trends Open* 2026–present

- Member of the editorial advisory board of the *Journal of Polymer Science* 2020–present
- Reviewer (panels/*ad hoc*): NSF, NIH, DOE, ARO, ERC, CRC, ACS PRF 2018–present
- Referee (>100 manuscripts): *Science, Nat. Chem., Nat. Commun., Chem, J. Am. Chem. Soc., Angew. Chem. Int. Ed., Chem. Sci., Chem. Rev., ACS Catal., Adv. Mater., ACS Macro Lett., Macromolecules, J. Polym. Sci., Polym. Chem., Org. Lett., J. Org. Chem., Chem. Eur. J., ChemPhotoChem, Macromol. Rapid Commun., ACS Appl. Polym. Mater., Organometallics, ACS Cent. Sci.* 2015–present

Conference service

- TexSyn VI Conference organizer, Texas A&M University, College Station 2024
- Session chair, PMSE Young Investigator Symposium, ACS San Francisco 2023
- Session chair, *Chemical Recycling and Upcycling of Polymers*, ACS San Francisco 2023
- Symposium Organizer, *Advances in Metathesis Polymerizations and Transition Metal Carbene Complexes*, ACS Chicago 2022
- Judge, Doolittle award, PMSE, ACS San Diego 2022
- Session chair, ORGN Photochemistry, ACS Atlanta 2021
- Session chair, PMSE Young Investigator Symposium, ACS San Diego 2019
- Poster judge, POLY Sci-Mix, ACS Boston 2018
- Session chair, POLY General Topics, ACS Boston 2018

AFFILIATIONS

Affiliate Member, The Royal Society of Chemistry 2025–present
Member, ACS, Division of Polymeric Materials: Science and Engineering 2019–present
Member, ACS, Division of Polymer Chemistry 2016–present
Member, ACS, Division of Organic Chemistry 2016–present