CURRENT POSITION	Assistant Professor Department of Chemistry Rutgers University - Newark	Google Scholar ORCID Web of Science	
	73 Warren Street Newark, NJ, 07102 United States	demyan.prokopchuk@rutgers.edu Research Group Website	I.
Education and Employment	Assistant Professor, Rutgers University, Newark, NJ		2019–
	Postdoctoral Fellow, University of Calgary , AB, Can Mentor: Warren E. Piers	ada	2017-2018
	Electrocatalytic CO_2 reduction research as part of the C	Canada First Research Excellence Fu	und (CFREF)
	Postdoctoral Fellow, Pacific Northwest National Laboratory , Richland, WA Mentors: R. Morris Bullock, Michael Mock (now at Montana State University) N ₂ reduction, H ₂ oxidation in the DOE Center for Molecular Electrocatalysis EFRC		2015–2017
	PhD, Chemistry, University of Toronto , Toronto, ON Advisor: Robert H. Morris Thesis Title: "Synthetic and Computational Studies of I Iron Group Complexes for Water Splitting and Ketone	Metal-Ligand Cooperation with	2009–2015
	BSc, Chemistry, University of Saskatchewan , Saskat Chemistry (Major, High Honors) and Computer Scienc Mentors: Stephen Foley, Heinz-Bernhard Kraatz (now a	e (Minor)	2004–2009 gh)
Other Research Positions	Visiting PhD Student, ETH Zürich, Switzerland Advisor: Hansjörg Grützmacher	J	un–Oct 2014
	Inorganic Chemistry Exchange (ICE) Student , West Advisor: John Corrigan (now at University of Waterloo	•	ay–Aug 2008

ALL PUBLICATIONS

- 33. A. VanderWeide, H. Neugebauer, B. Goel, D. S. Tresp, D. Pena, S. Grimme, A. Hansen, D. E. Prokopchuk "Multisite Ligand Noninnocence of (Cp^{N3})Fe(CO)₃⁺ with Exogenous Hydride Donors: Kinetics and Mechanism" Organometallics, 2024, acs.organomet.4c00137. Part of the "Experimental Studies of Reaction Mechanisms in Organometallic Chemistry and Catalysis" special issue.
- A. Karagiannis, H. Neugebauer, R. A. Lalancette, S. Grimme, A. Hansen, D. E. Prokopchuk "Pushing the Limits of Organometallic Redox Chemistry with an Isolable Mn(-I) Dianion" J. Am. Chem. Soc., 2024, 146, 19279. 10.1021/jacs.4c04561
- D. S. Tresp, D. E. Prokopchuk "Leveraging Intramolecular Electrostatics to Boost Electrocatalytic CO₂ Reduction" *Chem Catal.*, 2024, 10.1016/j.checat.2024.101053. (invited contribution)
- 30. S. Luhach, R. A. Lalancette, D. E. Prokopchuk "Catch and Release' of the Cp^{N3} Ligand Using Cobalt: Dissociation, Protonation, and C-H Bond Thermochemistry" *Dalton Trans.*, 2024, 10.1039/D4DT01560F Part of the "New Talent, Americas" special issue and selected as a HOT Article.
- 29. L. Lin, D. S. Tresp, D. M. Spasyuk, R. A. Lalancette, **D. E. Prokopchuk** "Accessing Ni(0) to Ni(IV) via Nickel-Carbon-Phosphorus Bond Reorganization" *Chem. Commun.* **2024**, *60*, 674. 10.1039/D3CC04687G.

Part of the **Emerging Investigators Collection**, selected as a **HOT Article**, and artwork featured on journal front cover.

- D. S. Tresp, <u>D. E. Prokopchuk</u> "Structural and Electrochemical Analysis of FeCp* Complexes Supported by a Borate-Bridged Dicarbene Ligand" *Polyhedron*, **2024**, 248, 116745. 10.1016/j.poly.2023.116745 (Special Issue: Emerging Investigators)
- B. Goel, H. Neugebauer, A. VanderWeide, P. Sánchez, R. A. Lalancette, S. Grimme, A. Hansen, D. E. Prokopchuk "Essential Roles of Cp Ring Activation and Coordinated Solvent During Electrocatalytic H₂ Production with Fe(Cp^{N3}) Complexes" ACS Catalysis 2023, 13, 13650. 10.1021/acscatal.3c02911
- A. VanderWeide, D. E. Prokopchuk "Cyclopentadienyl Ring Activation in Organometallic Chemistry and Catalysis" *Nature Reviews Chemistry*, 2023, 7, 561. 10.1038/s41570-023-00501-1
- 25. A. Karagiannis, B. Goel, **D. E. Prokopchuk** "Putting a New Spin on Imido Chemistry with an Fe^{II} Dicarbene Complex" *Trends Chem.*, **2023**, *5*, 105. 10.1016/j.trechm.2022.12.002 (invited contribution)
- D. S. Tresp, H. Neugebauer, S. Grimme, A. Hansen, D. E. Prokopchuk "Electronic Effects of Aminoindenyl ligands Coordinated to Manganese: Structures and Properties of a Mn⁰ Metalloradical and Bimetallic Mn¹/Mn⁻¹ Adduct" Organometallics 2022, 41, 3055. 10.1021/acs.organomet.2c00463
- A. Karagiannis, A. M. Tyryshkin, R. A. Lalancette, D. M. Spasyuk, A. Washington, D. E. Prokopchuk "A Redox-active Mn(0) Dicarbene Metalloradical" *Chem. Commun.*, 2022, 58, 12963. 10.1039/D2CC04677F Selected as a 2022 ChemComm HOT Article
- L. Lin, D. Spasyuk, R. A. Lalancette, **D. E. Prokopchuk** "Coordination-Induced Weakening of a C(*sp*³)-H Bond: Homolytic and Heterolytic Bond Strength of a CH—Ni Agostic Interaction" *J. Am. Chem. Soc.*, **2022**, *144*, 12632. 10.1021/jacs.2c05667
- P. Sánchez, B. Goel, H. Neugebauer, Roger A. Lalancette, A. Hansen, S. Grimme, D. E. Prokopchuk "Ligand Protonation at Carbon, not Nitrogen, during H₂ Production with Amine-Rich Iron Electrocatalysts" *Inorg. Chem.* 2021, 60, 17407. 10.1021/acs.inorgchem.1c03142

Publications before Rutgers:

- M. M. H. Sung, D. E. Prokopchuk, R. H. Morris "Phosphine-free ruthenium NCN-ligand complexes and their use in catalytic CO₂ hydrogenation" *Dalton Trans.* 2019, 48, 16569. (invited contribution) 10.1039/C9DT03143J
- Z. Dubrawski, J. Heidebrecht, B. M. P. Lombardi, A. S. Hyla, J. Willkomm, C. L. Radford, J.-B Lin, G. C. Welch, S. Ponnurangam, R. Roesler, D. E. Prokopchuk, W. E. Piers "Ligand-Centered Electrochemical Processes Enable CO₂ Reduction with a Nickel Bis(triazapentadienyl) Complex" *Sustainable Energy Fuels* 2019, *3*, 1172. 10.1039/C8SE00623G

Selected as a 2019 Sustainable Energy and Fuels HOT Article

 D. E. Prokopchuk, Geoffrey M. Chambers, E. D. Walter, M. T. Mock, R. M. Bullock "H₂ Binding, Splitting, and Net Hydrogen Atom Transfer at a Paramagnetic Iron Complex" *J. Am. Chem. Soc.* 2019, 141, 1871. 10.1021/jacs.8b12823

News article at Phys.org, February 19, 2019: "Mechanism of iron-based hydrogen bond cleavage revealed"

- D. E. Prokopchuk, E. S. Wiedner, E. D. Walter, N. A. Piro, W. S. Kassel, C. V. Popescu, R. M. Bullock, M. T. Mock "Catalytic N₂ Reduction into Silylamines and Thermodynamics of N₂ Binding at Square Planar Fe", J. Am. Chem. Soc. 2017, 139, 9291. 10.1021/jacs.7b04552
- P. Bhattacharya, D. E. Prokopchuk, M. T. Mock "Exploring the Role of Pendant Amines in Transition Metal Complexes for the Reduction of N₂ to Hydrazine and Ammonia", *Coord. Chem. Rev.*, 2017, 334, 67. 10.1016/j.ccr.2016.07.005
- S. A. M. Smith, D. E. Prokopchuk, R. H. Morris "Asymmetric transfer Hydrogenation of Ketones Using New Iron(II) (P-NH-N-P') Catalysts: Changing the Steric and Electronic Properties at Phosphorus P'", *Isr. J. Chem.* 2017 57, 1204. (invited contribution) 10.1002/ijch.201700019

- D. E. Prokopchuk, S. A. M. Smith, R. H. Morris "Ligands for iron-based homogeneous catalysts for the asymmetric hydrogenation of ketones and imines" in *Ligand Design in Metal Chemistry: Reactivity* and Catalysis, First Edition. Edited by Mark Stradiotto and Rylan Lundgren. John Wiley and Sons, Ltd., 2016 (invited contribution) 10.1002/9781118839621.ch8
- D. E. Prokopchuk, A. J. Lough, R. E. Rodriguez-Lugo, R. H. Morris, H. Grützmacher "Insights into metal-ligand hydrogen transfer: a square-planar ruthenate complex supported by a tetradentate aminoamido-diolefin ligand", *Chem. Commun.*, 2016, 52, 6138. 10.1039/C6CC00041J
- W. Zuo, D. E. Prokopchuk, A. J. Lough, R. H. Morris "Details of the Mechanism of the Asymmetric Transfer Hydrogenation of Acetophenone Using the Amine(imine)diphosphine Iron Precatalyst: The Base Effect and The Enantiodetermining Step", ACS Catalysis, 2016, 6, 301. 10.1021/acscatal.5b01979
- C. Lichtenberg, D. E. Prokopchuk, M. Adelhardt, J. Sutter, L Viciu, K. Meyer, H. Grützmacher "Reactivity of an All-Ferrous Iron–Nitrogen Heterocubane under Reductive and Oxidative Conditions", *Chem. Eur. J.*, 2015, 21, 15797. 10.1002/chem.201502530
- D. E. Prokopchuk, B. T. H. Tsui, A. J. Lough, R. H. Morris "Intramolecular C–H/O–H Bond Cleavage with Water and Alcohol Using a Phosphine-Free Ruthenium Carbene NCN Pincer Complex", *Chem. Eur. J.*, 2014, 20, 16960. 10.1002/chem.201404819

News article in ChemViews magazine, October 12, 2014: "Phosphine-Free Ruthenium Complex for Water Splitting"

 W. Zuo, S. Tauer, D. E. Prokopchuk, R. H. Morris "Iron Catalysts Containing Amine(imine)diphosphine P-NH-N-P Ligands Catalyze both Asymmetric Hydrogenation and Asymmetric Transfer Hydrogenation of Ketones" *Organometallics*, 2014, *33*, 5791. (invited contribution) 10.1021/om500479q

One of the most read articles between 2011-2016 (over 13000 times).

- S. E. Clapham, M. Zimmer-De Iuliis, K. Mack, D. E. Prokopchuk, R. H. Morris "Alcohol Assisted Base-free Hydrogenation of Acetophenone Catalyzed by OsH(NHCMe₂CMe₂NH₂)(PPh₃)₂" *Can. J. Chem.*, 2014, 92, 731. (invited contribution) 10.1139/cjc-2014-0060
- D. E. Prokopchuk, A. Collado, A. J. Lough, R. H. Morris "Structural properties of *trans* hydridohydroxo M(H)(OH)(NH₂CMe₂CMe₂NH₂)(PPh₃)₂ (M = Ru, Os) complexes and their proton exchange behaviour with water in solution" *Dalton Trans.*, 2013, 42, 10214. 10.1039/C3DT50452B
- D. E. Prokopchuk, R. H. Morris, "Inner-Sphere Activation, Outer-Sphere Catalysis: Theoretical Study on the Mechanism of Transfer Hydrogenation of Ketones Using Iron(II) PNNP Eneamido Complexes" Organometallics, 2012, 31, 7375. 10.1021/om300572v
- D. E. Prokopchuk, J. F. Sonnenberg, N. Meyer, M. Zimmer-De Iuliis, A. J. Lough, R. H. Morris, "Spectroscopic and DFT Study of Ferraziridine Complexes Formed in the Transfer Hydrogenation of Acetophenone Catalyzed Using *trans*-[Fe(CO)(NCMe)(PPh₂C₆H₄CH=NCH₂-)₂-κ⁴P,N,N,P](BF₄)₂" Organometallics, 2012, 31, 3056. 10.1021/om201170f
- D. E. Prokopchuk, A. J. Lough, R. H. Morris "From Amine to Ruthenaziridine to Azaallyl: Unusual Transformation of Di-(2-pyridylmethyl)amine on Ruthenium" *Dalton Trans.*, 2011, 40, 10603. 10.1039/C1DT10626K
- J. M. Chitanda, D. E. Prokopchuk, J. W. Quail, S. R. Foley "Synthesis of Palladacycles Employing Iminoisoindolines as Monoanionic Bidentate Ligands" *Dalton Trans.*, 2008, 6023. 10.1039/B806544F
- J. M. Chitanda, D. E. Prokopchuk, J. W. Quail, S. R. Foley "From Pyrroles to Isoindolines: Synthesis of a γ–Diimine Ligand for Applications in Palladium Coordination Chemistry and Catalysis" Organometallics, 2008, 27, 2337. 10.1021/om 800080e
- D. E. Prokopchuk, G. A. Orlowski, H.-B. Kraatz "Synthesis of Amino Acid Conjugates of 1, 1'dimethylferrocene: New Chiral Conjugates" *Inorg. Chim. Acta*, 2008, 361, 1327. 10.1016/j.ica.2007.08.028

RESEARCH GRANTS	American Chemical Society – Petroleum Research Fund (\$110,000) "Using Adamantyl Ligands as Metal-Mediated C-H Activation Models" (Lead PI)	2023-2025
	National Science Foundation (\$451,046) "NSF-DFG-Echem: CAS: Synergistic Experimental and Computational Approaches to Des trocatalysts with Proton-Responsive Ligand Architectures" (Lead PI)	2021–2024 igning Elec-
	Rutgers Global Grants Program (\$8,000) "Electrically Driven Carbon Dioxide Reduction Using Organobismuth Compounds" (Lead Collaborative Project with Prof. Crispin Lichtenberg, University of Marburg	
	National Science Foundation (\$273,700) "MRI: Acquisition of a Single Crystal X-ray Diffractometer" (co-PI)	2020-2023
	Rutgers Research Council (\$2,500) "Bio-Inspired Molecular Catalysts for Electrochemical Energy" (Lead PI)	2019–2020

INVITED TALKS

California State University, Chico, CA	Apr 2025
University of Toronto, Toronto, ON	Mar 2025
York University, North York, ON	Mar 2025
University of Houston, Houston, TX	Dec 2024
Rutgers University, New Brunswick, NJ	Dec 2024
University of Virginia, Charlottesville, VA	Nov 2024
New York University, New York, NY	Oct 2024
NSF-DFG PI Meeting, Braunschweig, Germany	Sep 2024
ACS Fall Meeting, Denver, CO (2 talks)	Aug 2024
Gordon Conference, Organometallic Chemistry, Newport, RI	Jul 2024
ACS Mid-Atlantic Regional Meeting (MARM), Penn State University	Jun 2024
Canadian Chemistry Conference and Exhibition, Winnipeg, MB	Jun 2024
ETH Zürich, Switzerland	May 2024
University of Zürich, Switzerland	May 2024
University of Bonn, Germany	May 2024
Utrecht University, Netherlands	May 2024
University of Marburg, Germany	May 2024
University of Göttingen, Germany	May 2024
University of Hamburg, Germany	May 2024
Western Canadian Undergraduate Chemistry Conference, Saskatoon, Canada	May 2024
University of Saskatchewan, Saskatoon, Canada	Mar 2024
Princeton University, Princeton, NJ	Feb 2024
University of New Hampshire, Durham, NH	Aug 2023
University of Seville, Spain	Apr 2023
University of Winnipeg, Winnipeg, MB	Mar 2023
University of Manitoba, Winnipeg, MB	Mar 2023
Marquette University, Milwaukee, WI	Jan 2023
The College of New Jersey, Ewing, NJ	Oct 2022
Canadian Chemistry Conference and Exhibition, Calgary, AB	Jun 2022
ACS Spring Meeting, San Diego, CA	Mar 2022
Pacifichem, Honolulu, HI	Dec 2021
IUPAC/Canadian Chemistry Conference and Exhibition, Montreal, QC	Aug 2021
University of Akron, Akron, OH	Apr 2021
Peking University, Beijing, China	Sep 2019
Gordon Research Seminar, Solar Fuels, Ventura, CA	Jan 2018
Solution Resource Solution, Solution Lucis, Voltaria, CA	Jan 2010

University of British Columbia–Okanagan, Kelowna, BC	Jan 2018
University of Cincinnati, Cincinnati, OH	Dec 2017
Gordon Research Seminar, Organometallic Chemistry, Newport, RI	Jul 2017

CONFERENCE		
PRESENTATIONS	Gordon Research Conference, Organometallic Chemistry, Newport, RI	2022
	Gordon Research Conference, Solar Fuels, Lucca, Italy	2022
	Gordon Research Seminar, Organometallic Chemistry, Newport, RI	2019
	Gordon Research Conference, Solar Fuels, Ventura, CA	2018
	Gordon Research Conference, Organometallic Chemistry, Newport, RI	2017
	DOE Meeting of Energy Frontier Research Centers, Washington, DC	2017
	100 th Canadian Chemistry Conference, Toronto, ON	2017
	Gordon Research Conference, Organometallic Chemistry, Newport, RI	2016
	97 th Canadian Chemistry Conference, Vancouver, BC	2014
	Inorganic Discussion Weekend. York, ON	2013
	95 th Canadian Chemistry Conference, Calgary, AB	2012
	94 th Canadian Chemistry Conference, Montreal, QC	2011
	241 st ACS National Meeting, Anaheim, CA	2011
	Inorganic Discussion Weekend, Windsor, ON	2010
	U of S Chemistry Research Awards Day, Saskatoon SK	2007
	90 th Canadian Chemistry Conference, Winnipeg, MB	2007
	21 st Western Canadian Undergraduate Chemistry Conference, Saskatoon, SK	2007
	U of S Chemistry Research Awards Day, Saskatoon SK	2006
Honors and		
AWARDS	Outstanding Staff Award, PNNL	2017
11000	Outstanding Staff Award, PNNL	2017
	J. Warren Flanagan Ontario Graduate Scholarship, U of T	2010
	Chemistry Conference Travel Grant, U of T	2011 2012 2014
	Special Opportunity Graduate Travel Fellowship, U of T	2014
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NSERC-CGS-D Michael Smith Foreign Study Scholarship

School of Graduate Studies Conference Travel Grant, U of T

Student Travel Award, ACS Division of Inorganic Chemistry

Best Poster Award, U of S Chemistry Research Awards Day

Best Poster Award, Inorganic Discussion Weekend, Windsor, ON

Edwin Walter and Margery Warren Scholarship in Science, U of T

NSERC CGS-D Alexander Graham Bell Canada Graduate Scholarship

NSERC CGS-M Alexander Graham Bell Canada Graduate Scholarship

Chemistry Conference Travel Grant, U of T

Alan C. Nixon Summer Research Award, U of S

Greystone Scholar Entrance Scholarship, U of S

SERVICE TO CHEMISTRY

Peer reviewer: Journal of the American Chemical Society, Angewandte Chemie International Edition, ACS Catalysis, Chem Catalysis, Chemical Communications, Organometallics, Inorganic Chemistry, Dalton Transactions, Canadian Journal of Chemistry, European Journal of Inorganic Chemistry, Chem-ElectroChem, New Journal of Chemistry, Polyhedron

2014

2012

2011

2011

2010

2007

2006

2004

2011-2014

2010-2011

2009-2010

PhD thesis external examiner: Rutgers – New Brunswick (Bo Li, 2019; Goldman), Rutgers – New Brunswick (Benjamin Gordon, 2022; Goldman) University of New Hampshire (Peiyuan Zhao, 2023; Caputo), Rutgers – New Brunswick (Minzhu Zou, 2024; Waldie)

	Ad Hoc Reviewer, ACS Petroleum Research Fund202Ad Hoc Reviewer, US Department of Energy (DOE-BES Program)Ad Hoc Reviewer, Rutgers Global Grants ProgramPanel Reviewer, National Science FoundationReview Editor, Frontiers in Chemistry (Inorganic Chemistry)Ad Hoc Reviewer, Oak Ridge Associated Universities (FDCRGP Program)Symposium Co-organizer, Canadian Chemistry Conference and Exhibition, Calgary, AB"Dihydrogen, Metal Hydrides, and Beyond"Symposium Co-organizer, ACS Spring Meeting, San Diego, CA"ACS Award in Organometallic Chemistry: Symposium in Honor of Morris Bullock"Session Chair, Virtual Q&A, Canadian Chemistry Conference and Exhibition, Montreal, OChair, Gordon Research Seminar, Organometallic Chemistry, Newport, RIOrganizer, 21 st Western Canadian Undergraduate Chemistry Conference	2, 2023, 2024 2023 2023 2021, 2022 2022- 2022, 2023 2022 2022 2022 2022 2022 2022 2022
Service to University	Thesis Defense Committee , Rutgers–Newark Chemistry Ian Weiss (PhD 2021, Galoppini) Ana de Olveira Silva (PhD 2023, Brenner-Moyer) Junjie Ouyang (MS 2024, He)	2021–
	Candidacy Exam Committee , Rutgers–Newark Chemistry James McQuade (2020), Oguz Kucukosmann (2022), Conor Long (2022), Kelvin Urbina Turtz (2023), Tiffany Olivera (2023), Zhiyuan Zhang (2023), Andres Cifuentes-Lopez (Kapkayeva (2024), Lakshita Anand (2024), Wenchao Chu (2024), Yawei Zhu (2024).	· · · · ·
	Business Administrator Search Committee, Rutgers-Newark Chemistry	2023
	Faculty Search Committee, Rutgers–Newark Chemistry	2021-2022
	Advisory Committee, Rutgers-Newark McNair TRiO Scholarship Program	2021-
	Graduate Admissions Committee, Rutgers-Newark Chemistry	2019–2022
Teaching	Chem 448: Inorganic and Materials Chemistry LaboratorySpring 202Capstone course for chemistry majors at Rutgers-Newark. The course presents a series oflaboratory experiments on the synthesis and characterization of organic, inorganic,organometallic and polymeric compounds and materials. Introduced two new teaching mo1. Synthesis of Vaska's Complex for Stoichiometric and Catalytic Reactions2. Scientific Glassblowing FundamentalsSpring 2019, 202Chem 579: Coordination Chemistry Applied to CatalysisSpring 2019, 202Conceived, developed, and taught new graduate course covering classicaland modern aspects of ligand design for homogeneous catalysisChem 413: Inorganic Chemistry 2Fall 2019, 202Senior level undergraduate course covering, structure, bonding and reactivityof molecules containing transition metals and main group elements.	20; Fall 2023
Mentorship and Outreach	Current PhD Students: Ageliki Karagiannis, David Tresp, Lirong Lin, Sanju Kumari, Vi Nino Demetrashvili	ani Maxwell,

PhD students graduated:

Bhumika Goel (2024). "Controlling the Movement of Protons and Electrons with Amine-Functionalized Cp^{N3} Ligands Coordinated to Iron"

MS Students graduated:

Ageliki Karagiannis (2020). "Synthesis of Amine-Functionalized Bis(imidazolium)borate Salts: Novel Bis(carbene)borate Ligand Precursors"

Former Postdocs:

Dr. Andrew VanderWeide (2021-2023) Dr. Práxedes Sánchez (2019-2021)

Former Undergraduates:

Allison Houn, 2024 (Meiklejohn Fellow, Amherst College) Amado Rosendo, 2024 (Meiklejohn Fellow, Amherst College) Shenelle Baines, 2024 (GS-LSAMP Scholar, Chemistry) Christopher Elliott, 2023 (Chemistry major and SURF Fellow) Deuris Pena, 2023 (Summer Researcher, Bloomfield College) Asmaa Washington, 2022 (GS-LSAMP Scholar, Chemistry) Naser Abuali, 2022 (Chem 452 Project) Meroline Bazile, 2019-2020 (McNair and GS-LSAMP Scholar, Chemistry) Christeen Shenoda, 2019-2020 (Summer Student, Chem 452 Project)

Summer Undergraduate Research Program Mentor, Rutgers University-Newark	, 2022, 2024 2023
McNair Scholarship Program Mentor, Rutgers University-Newark	2019-2020
Juror, ACS North Jersey Section Awards Division	2021
Judge, William Paterson University Undergraduate Research Symposium, Wayne, NJ	2019
Member, US Department of Energy Early Career Network	2016-2017
Co-Founder, Chemistry Career Day, University of Toronto	2014
Chair, Chemical Institute of Canada (CIC) Toronto Section	2013-2014
Treasurer/Webmaster, Chemical Institute of Canada (CIC) Toronto Section	2012-2013
Student Activities Chair, Chemical Institute of Canada (CIC) Toronto Section	2011-2012
Organizer, International Year of Chemistry, Toronto, ON	2011
Volunteer, Science Rendezvous, University of Toronto	2011
Volunteer, "Ask a Nobel Laureate" Lecture Series, University of Toronto	2010, 2011
Member At Large, Chemical Institute of Canada (CIC) Toronto Section	2010-2011
VP Internal, Chemistry Student Society, University of Saskatchewan	2007-2008
VP Admin, Chemistry Student Society, University of Saskatchewan	2006-2007

Student Achievements	David Tresp: SASN Teaching Assistant Award One of two graduate students selected from the School of Arts & Sciences for their outstanding butions to undergraduate education.	2024 contri-
	Lirong Lin: Dissertation Fellowship 202 The graduate school's most prestigious and comprehensive financial award for students in the la of their doctoral programs.	4–2025 ast year
	Lirong Lin: Teaching Assistant Award For outstanding contributions to the Organic Chemistry laboratory.	2023
	Bhumika Goel: ACS DIC Student Travel Award Presented results at the Fall ACS Meeting in San Francisco.	2023

Ageliki Karagiannis: Cambridge Isotope Laboratories Student Travel Award Presented results at the Fall ACS Meeting in San Francisco.	2023
Christopher Elliott: Summer Undergraduate Research Fellowship Highly competitive campus-wide competition for undergraduate students performing su at Rutgers-Newark.	2023 mmer research
Bhumika Goel: Dissertation Fellowship The graduate school's most prestigious and comprehensive financial award for students of their doctoral programs.	2023–2024 in the last year
Viani Maxwell: NIH G-RISE Fellowship Awarded to top incoming PhD students from diverse backgrounds to successfully transiti in biomedical research.	2022–2024 on into careers
Lirong Lin: Taylor-Torre Research Award In recognition of her outstanding accomplishments as a 3^{rd} year PhD student at Rutgers-	2022 -Newark.
David Tresp: Rutgers University Presidential Fellowship Awarded to top incoming PhD students across all disciplines that display strong potentia research.	2019–2024 l for success in
Bhumika Goel: Teaching Assistant Award For outstanding contributions to the General Chemistry laboratory.	2020-2021
David Tresp: Teaching Assistant Award For outstanding contributions to senior Organic and Inorganic chemistry laboratories.	2020–2021