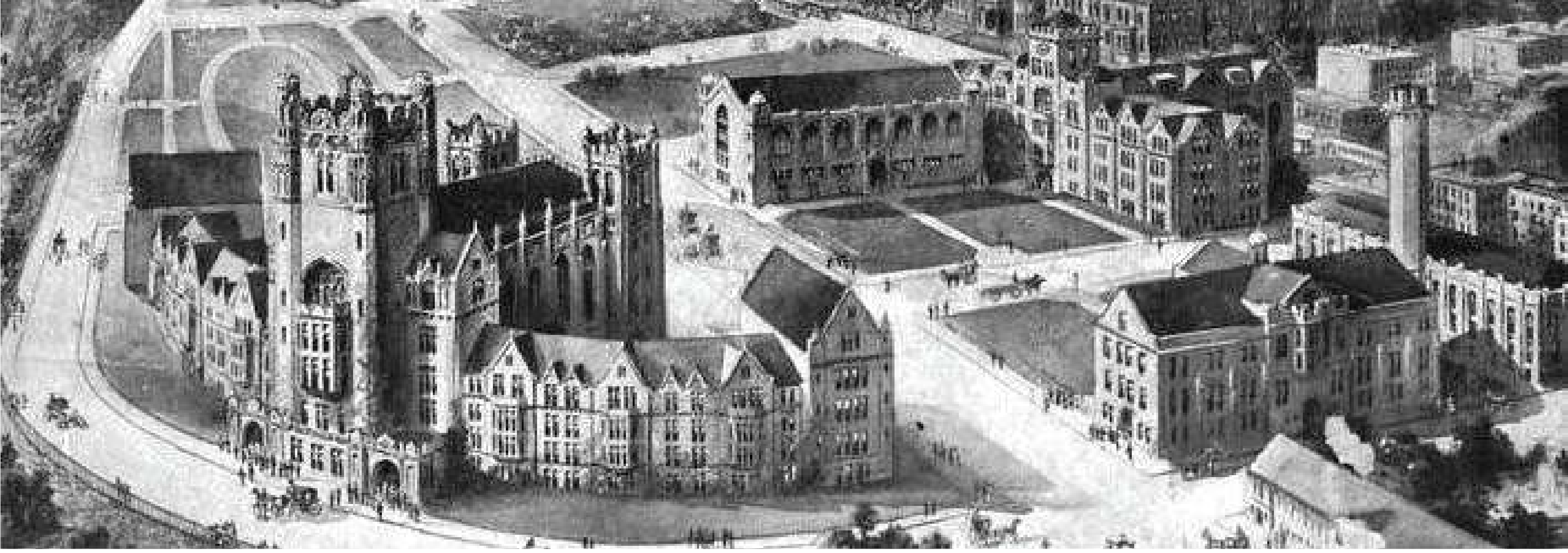


Shepard Hall and Quadrangle - City College of New York (CCNY) 1904

Chemical Engineering Newsletter

The Grove School of Engineering at The City College of New York 10/2025

Prof. Gordon Investigates Functional Battery Materials at DTU

Dr. Leo Gordon (ChE PhD ’23)

This fall, **Dr. Leo Gordon (ChE PhD ’23)** was appointed as an Assistant Professor in the Department of Chemistry at The Danish Technical University (DTU). Dr. Gordon is a specialist in using nuclear magnetic resonance (NMR) methods to study functional materials for batteries and investigate mechanisms in separations processes. He is excited to set up his laboratory and build his research group.

Dr. Gordon joined the ChE Department’s PhD program in 2018 after earning a master’s degree in chemistry from the University of Edinburgh. Under the mentorship of Prof. Robert J. Messinger, he worked on multivalent-ion batteries with a strong focus on charge storage mechanisms in aluminum-organic batteries. He joined the Clément group at the University of California, Santa Barbara’s Department of Materials Science as a postdoctoral scholar and primarily investigated ionic transport in polymeric materials using NMR methods.

Dr. Gordon in the NMR laboratory at DTU

At DTU, Dr. Gordon’s research couples MR techniques with electrochemical applications to build a holistic understanding of ion transport processes and charge storage mechanisms for battery applications. His main research thrust involves time-resolved, in-situ measurements of ion transport in membrane materials and battery electrolytes to understand the interplays of thermodynamic and transport phenomena under different operating conditions.

Prof. Gordon recalls that, “At CCNY, I was given freedom to explore and follow my scientific curiosities when I joined the Messinger group to pursue battery research. I was greatly supported throughout my doctoral career by Profs. Messinger, Biddinger and Kretzschmar as well as by my lab mates, friends, and PhD committee. This central theme of unwavering support cannot be underestimated and was absolutely critical in my development to becoming a confident person and capable scientist. The culture of CCNY’s ChE PhD program had such a positive effect on me that I aim to recreate its atmosphere as a faculty member today.”

CUNY The City University of New York

Department website: www.ccny.cuny.edu/chemeng

MESSAGE FROM THE CHAIR

Prof. Marco J. Castaldi, Chairman

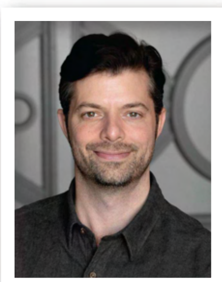
Dear Alumni and Friends of the Department,

I hope you had a wonderful summer and a good start to fall. I am in my third year as chairman and am excited about the current academic year for many reasons.

This newsletter highlights the success of some of our alumni. It introduces Dr. Leo Gordon (ChE PhD ’23), who obtained his PhD from CCNY (Prof. Messinger’s group) and has started a faculty position at Delft Technical University. It also highlights Erica Razook (ChE BE ‘24) who embarked on a new position after two years at the CCNY ChE Earth Engineering Center (EEC) as a Research Associate – she will be the next Deputy Director of Sustainability at the NYC Department of Buildings, and Fatimah Bello (ChE BE ‘01), who founded and manages SWD Futures, LLC., a very successful start-up. You can read about them and others from the EEC. Jasmine Navarrete (ChE BE ’20) who leads fuels development at GE Aerospace Edison-Works is our alumni highlight. Other examples of “successes” are the sweetheart relationships that formed during students’ and post-docs’ time here at CCNY. You can read more about those relationships and how they flourished.

ChE Undergraduate Students at the BMS event with EAB member Dr. Jean Tom

We have hired two new assistant professors, Dr. Ian McCrum and Dr. Jason Madinya. Both bring a strong foundation in simulations that are complementary to our current research themes. Prof. McCrum combines experimental and quantum mechanical modeling for reactions at interfaces and Prof. Madinya developes computational methods spanning applications ranging from biomaterials to energy storage.



Associate Prof. Robert J. Messinger

Special recognition goes to Prof. Robert J. Messinger (left) for his selection to New York City & State’s “2025 Trailblazers in Clean Energy” and Prof. M. Lane Gilchrist for his engagement with high school students and counselors during their visits to CCNY. Our undergraduate students are thriving; we have an inaugrual class of Derrick J. Lawson Scholars and a new Martin & Beatrice Sherwin Scholar. They also have formed strong connections to our External Advisory Board (EAB) members including meeting with Dr. Jean Tom at the Bristol Myers Squibb Women in Chemical Engineering Outreach Event.

You may recall that one of my plans for the department is to increase our visibility. I am happy to report that we have hired a dedicated social media manager, Ms. Sofia Martinez Uribe, with the help of Campaign 2025 donations from alumni and friends of the department. Sofia is currently a graduate student in the Branding + Integrated Communications program at CCNY. I think you will be impressed with her ability to craft creative advertising for our department. Please be sure to repost social media items you receive to multiply our visibility efforts! One of Sofia’s early tasks was to highlight our graduate students and their impactful research that has produced 24 peer-reviewed manuscripts and presentations at national and international conferences over the past year. Sofia’s photos capture not only the world-class instruments used by our PhD students but also convey our faculty’s success with research grants.

Binh Nguyen with EAB member Nagore Sabio

Debayon Dutta and EAB member Dr. Stu Soled

Finally, I am delighted to announce that Nagore Sabio from BlackRock has joined our EAB (right, interacting with fifth-year PhD student Binh Nguyen). Alumni are always welcome to attend one of our endowed lectures such as the upcoming Katz Lecture that will be given by Prof. Michael Harold from the University of Houston in December. Incidentally, Prof. Harold is a graduate of Prof. Dan Luss’ (1982 Katz) group who, himself, is a graduate of Prof. Neal Amundson’s (1975 Katz) group and will be our first 3rd generation Katz Lecturer. Last but not least, those who are retiring, such as EAB member Dr. Stu Soled from ExxonMobil (left), will hopefully be inspired to give a lecture or two in our senior design course and continue to interact with our outstanding students, staff, and faculty.

- Marco J. Castaldi

Alumni News

SWD Futures, LLC., Founder Fatimah Bello (ChE BE ’01)

Fatimah Bello (ChE BE ’01), left, with CCNY friends

Fatimah Bello is the founder and managing director of SWD Futures, LLC., an advisory and investment management firm headquartered in Houston with offices in Riyadh, Saudi Arabia, and Abu Dhabi, United Arab Emirates. We invited Fatimah to CCNY and had a chance to catch up with her.

How did you get into the start-up business? Seven years ago, I decided to take the leap and founded SWD Futures after a successful career at The Dow Chemical Company and SABIC-Saudi Aramco. I started by assembling a talented team whose expertise I trusted and whose company I enjoyed. Today, my work involves hours at the airport, a deep reliance on my incredible team, and a constant search for new partners to onboard.

Fatimah Bello (ChE BE ’01) during her May 2025 visit to CCNY

What does SWD do? We support early-stage companies through investments in the industrial decarbonization space. Our work focuses on two main blocks: advisory, where we help founders and operating companies understand their challenges, and investment management, where we identify strategic gaps and help close them.

How does this happen? Our work is concentrated mainly in Houston and the Gulf Cooperation Council (GCC) region. I work with organizations across the transition value chain and connect innovative founders with partners who are interested in leading change in this evolving landscape.

What do you most cherish from your time at CCNY? It is so nice to be back and see how the campus and the ChE Department have changed. I’ll always remember studying for exams in the library with my friends and Prof. Couzis’ kindness when I found myself in a difficult spot.

Thank you for your time, Fatimah! ChE students and alumni can connect with Fatimah Bello on LinkedIn (https://www.linkedin.com/in/fatimahbello/) or e-mail her at fatimah@swdfutures.com.

The Earth & Engineering Center (EEC) at CCNY

The Earth Engineering Center (EEC) headed by Prof. Marco J. Castaldi at CCNY advances knowledge on how society can turn waste into new resources—whether through clean energy, biofuels, or valuable materials. Researchers explore topics such as how to convert plastics and wet waste into usable fuels, recover metals and reuse ash, and better understand and reduce emissions from these processes. The Center is unique in how it trains the next generation of engineers. Its team brings together postdocs and graduate students with recent graduates, undergraduates, and high school students, creating a collaborative space where young engineers gain hands-on experience in research. Students not only work on academic projects but also partner with real-world clients in the renewables and waste management sectors—from large companies like BASF to start-ups like UpCycle and Standard Carbon. Through its international EEC|WTERT Conferences, the Center connects this work to a global community of researchers, industry leaders, and policymakers. We asked a few former members how the EEC impacted their training:

Members of the EEC Summer 2025

Erica Razook (ChE BE ’24) states; “Working with the EEC was a pivotal step in my career trajectory. Coming from a background in law and policy, I had years of professional experience but limited hands-on engineering practice. The EEC gave me the chance to work directly on research projects in waste-to-energy, biofuels, and emissions. This experience not only strengthened my technical foundation but also allowed me to connect engineering knowledge with my policy expertise, positioning me as an experienced, yet newly technical, entrant into the sustainability and climate change field.” **Dr. Snehesh Shivananda (ChE Postdoc 2018-23)** relays; "My time at EEC provided hands-on process engineering experience with pilot plants for gasification, pyrolysis, and hydrothermal reactions, and collaborations with catalyst companies on refinery decarbonization efforts. Combined with catalyst R&D, these skills are precisely what established industries and start-ups seek in order to deploy sustainable technologies in the US." **Terena Tsao (ChE BE ’24)** reports; “In April 2024, I accepted a reactor engineer position at the Naval Nuclear Laboratory. Due to the lengthy security clearance process, I took a temporary position at the EEC from November 2024 to August 2025 during which I was tasked with repairing and improving the water-gas shift system that Dr. Shivananda built with the goal of automation. The project gave me extensive hands-on experience in coding, troubleshooting instruments, and wiring electronics. The most significant skill I gained was coding—developing programs for a user-friendly interface and improving system controls and layout.”

CCNY ChE Sweethearts

From "Coffee Crew" to Marriage

Dr. Tasnuva Moutushi (ChE PhD '22) and **Dr. Apoorva Rudra (ChE PhD '20)** joined the Chemical Engineering PhD program of The Grove School of Engineering in different years. They first properly interacted at a TGIF restaurant where they shared great conversation and found that they could relate to each other on many levels even though they came from different backgrounds. Their friendship grew stronger when they joined a social group called 'Coffee Crew' where they interacted with friends over coffee between lectures and research. They eventually went their separate ways where Apoorva landed on the west coast for a job while Tasnuva worked toward finishing her PhD at City College. Apoorva regularly traveled to New York to meet friends, family and, of course, Tasnuva. As fate would have it, one thing led to another and the two fell in love. They got married in New York two years ago at the place that brought them together, CCNY's Shepard Hall, which you can see in the pre-wedding photo above.

Tasnuva and Apoorva in front of Shepard Hall during the pre-wedding photoshoot.

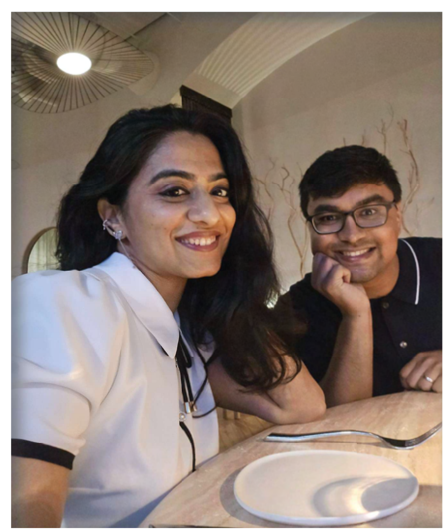
Madhu and Simona on a stroll in Boston Common.

A Long-Distance Relationship and Professional Success

Dr. Simona Ciuta (ChE Postdoc 2013-15) and **Dr. Madhu Majjii (ChE PhD '17)** first met in the spring of 2013. At the time, Madhu was a first-year PhD student in the Department of Chemical Engineering under the supervision of Profs. Morris and Banerjee, while Simona had just joined the department as a postdoctoral researcher in Prof. Castaldi's group. After several years of dating—and successfully navigating the challenges of a long-distance relationship while Madhu completed a postdoctoral fellowship on the West Coast—they married in 2019. In 2022, they welcomed their daughter, who is now three years old, and keeps them joyfully busy. Alongside their professional paths—Madhu is an Assistant Professor of Chemical and Biomolecular Engineering at Ohio University and Simona is a Project Manager at RRT Design & Construction—they find their greatest joy lies in their family life.

From Undergraduate Teammates to Graduate School

Samhita Kattekola (ChE BE '15) and **Zubair Bhuiyan (ChE BE '15)** met in 2011 as freshman ChEs assigned to the same peer mentor in the Macaulay Honors College. Zubair was always late to classes and had an outdated prescription for his glasses. Luckily Samhita overlooked these foibles and was happy to share all the notes he missed while squinting from the back row. This exchange of notes in the library led to dozens of friendly debates over problem sets. After partnering on a string of three wins in Professor Tu's Intro to ChE labs, a ton of other successful team projects and a memorable visit to San Francisco for AIChE, they began dating. They've since been together for 12 years and got married in May 2024. They have continued tackling life as a team while venturing into industry and are now back in graduate school, where Samhita engineers metamaterial Janus particles and Zubair works on protein design. If you hear a couple debating about the best bubble tea, best new restaurant or best nanofabrication technique on the train in Harlem, it's probably Samhita and Zubair.



Samhita and Zubair at their first anniversay dinner.

Thanks to the three ChE sweetheart couples who volunteered to be the first to be highlighted here. Did you meet your sweetheart while you were at CCNY? Let us know by e-mailing che@ccny.cuny.edu

Derrick J. Lawson Memorial Scholarship

Clockwise (top left): Roberto Bardales, Anthony J. Lopez, Miguel Samuel, and Daniel Steininger (all Class of 2025).

The ChE department selected four scholars for the inaugural Derrick J. Lawson Memorial Scholarship. **Derrick J. Lawson (ChE BE '21)** was a promising young engineer who sadly passed away in 2022 shortly after graduating. His friends, family, and other supporters established this scholarship for ChE-BE students in need. These are the first four scholars, all from the fall 2025 graduating class:

Roberto Bardales was born in Queens, NYC and attended Bayside High School where he excelled in math and science courses. He attended Queensborough Community College before transferring to CCNY where he elected to major in Chemical Engineering. In summer of 2022, he joined CCNY Physics Prof. Carlos Meriles' group where he created MATLAB code to help dissect and analyze their work with nanodiamonds. Working with the Meriles team showed him how fun it can be to conduct research and be a part of a team at CCNY. He soon joined AlChE and became involved with the chemical engineering community.

Anthony J. Lopez was born in Durango, Colorado and moved to NYC when he was two. He graduated from Mattituck-Cutchogue Jr-Sr High School and then enrolled at Suffolk County Community College, where he earned his Associate Degree in Applied Science. He transferred to CCNY to study Chemical Engineering, a major he found attractive because of its vast, practical applications ranging from energy storage in batteries to pharmaceuticals. He wants to use what he learns from chemical engineering to help out his parents' home country of Guatemala and improve renewable energy and make medicine more affordable for its citizens. In summer of 2024, he attended the Royal Institute of Technology in Sweden where he completed 10 weeks' worth of research.

Miguel Samuel is a Saint Lucian who attended elementary and high school in his native country. After coming to the U.S. he attended LaGuardia Community College (LAGCC) full-time while also working full-time to pay for his tuition. At LAGCC, he studied Mechanical Engineering before transferring to City College to study Chemical Engineering. After transferring to CCNY, he was able to work less, thanks to the financial support provided by departmental scholarships. In summer of 2024, he participated in a ten-week research experience at the Royal Institute of Technology in Sweden. Next, he plans to pursue a job in the fragrance industry, but his long-term goal is to pursue a doctorate in chemical engineering.

Daniel Steininger spent the first few years of his life in Queens, NYC before eventually settling in Oceanside, NY where he attended elementary, middle, and high school. He attended New York Institute of Technology (NYIT) to study Chemistry. During his final semester at NYIT, he learned about City College's Grove School of Engineering and about the Chemical Engineering major, which he found attractive because it deals more with processes than chemistry itself. After joining CCNY, he became actively engaged in clubs like OXE and AIChE and worked on a research project in Prof. Ilona Kretzschmar's lab.

Martin and Beatrice Sherwin Scholarship

Allen Shen (Class of 2027)

This fall, **Allen Shen (Class of 2027)** was named the Martin and Beatrice Sherwin Scholar, ensuring him a tuition-free education through graduation. Named for **Dr. Martin Sherwin (ChE BE '60, PhD '67)** — the ChE Department's first PhD recipient — and his late wife, Beatrice, the Sherwin scholarship was generously endowed to support ChE students at CCNY in perpetuity.

Allen's selection follows **Sara Avraham's (ChE BE '25)**, the inaugural Sherwin Scholar, graduation. Sara, who is now a student in the ChE PhD program at the University of California, Santa Barbara (UCSB), credits Dr. Sherwin's generosity as a cornerstone of her journey. Reflecting on the impact of this award, she shared, "Knowing that someone believed in my potential from the start gave me the confidence to aim high and keep going. I'm deeply grateful to the Sherwins."

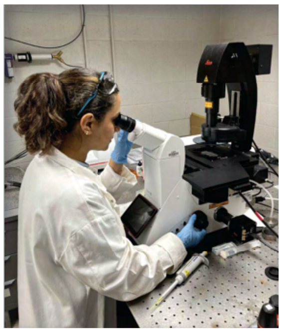
A native New Yorker and graduate of Stuyvesant High School, Allen is a junior at the top of his Chemical Engineering cohort at CCNY with straight As in some of our most rigorous engineeering and math courses since transferring from NYC College of Technology in September 2024. In addition to his academic engagement and achievements at CCNY, he was elected Vice President of the CCNY chapter of Omega Chi Epsilon (OXE), the National Chemical Engineering Honor Society, a position usually held by a Senior. Allen is eager to continue developing his knowledge and skills in chemical engineering and exploring the many ways this "powerful" field connects science to real-world problem solving. He also looks forward to meeting Dr. Sherwin in person to thank him for the honor of being a Sherwin Scholar.

Cutting-Edge Tools Further PhD Research

Doctoral students employ sophisticated instrumentation and get results. The instrumentation is provided through the ChE Department Cleanroom and Materials Characterization Suite, faculty research labs, as well as the Advanced Science Research Center (ASRC) located on CCNY's South Campus.

New Drug Delivery Insights

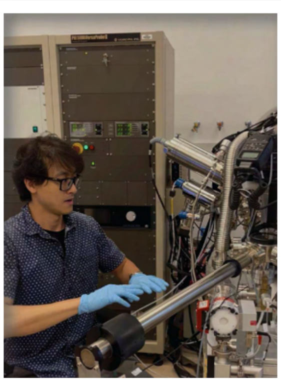
Noushin Sadat Ayati, **fourth-year PhD student** advised by Profs. Maldarelli, Chen and Tu, right, is using an interfacial rheometer to measure the mechanical properties of surfaces. In this setup, a bicone geometry sits at the air-water interface of a solution, and the stresses from the bulk are subtracted from the total stress so that only mechanical properties at the interface are measured. She uses the interfacial rheometer to compare the mechanical properties of silk fibroin in the bulk and at the interface of a suspension to see how their moduli differ. She also uses it for drug formulation work, measuring surface elasticity, exploring the hypothesis that the formation of an elastic interface leads to particle formation. She explains, "These measurements have given me important insights into how my systems behave at the interface and how their stability can be controlled." Noushin also uses confocal microscopy (left), an imaging technique often used in biology for three dimensional visualizations of supramolecular structures. In her project, she uses it to check whether amphiphilic molecules are forming droplets or vesicles. The microscope also allows her to measure the size of the droplets, providing confirmation for insights she obtained from other techniques. She remarks that "having that visual confirmation made my findings much clearer and more convincing."



Advanced Recycling Mechanism Discovery

Colleen Jackson, **a third-year PhD student**, left, is working on a new Li-ion battery recycling method, aluminometallurgy, that was co-developed in Prof. Messinger's lab at CCNY. It involves a novel chemical leaching reaction, using an aluminum salt dissolved in alcohol, followed by a series of aqueous separation steps. To solve the reaction mechanisms, she uses nuclear magnetic resonance (NMR) spectroscopy to characterize both the liquid and solid reaction products. The experiments involve placing the samples in a superconducting magnet and radiating them with a symphony of radiofrequency pulses. By carefully "listening" to how the nuclear spins respond, she can measure information related to their molecular-level environments, structures, and dynamics. NMR enables her to tune in and hone in on specific atomic elements, and even their isotopes. For example, the solid-state NMR results show that the aluminum nuclei in her sample are in close molecular proximity (less than 1 nanometer) to phosphorus nuclei, showing that they are within the same phase. Colleen says, "NMR is extremely useful because it helps me identify the reaction products of aluminometallurgy up from the molecular level, including both crystalline and amorphous compounds."

In-depth Materials Characterization



Brian Chen, **a sixth-year PhD student** working with Profs. Messinger and Couzis, left, uses the X-ray photoelectron spectroscopy (XPS), housed within the Surface Science facility at the ASRC to characterize and track the (electro)chemical transformations that occur on the surface of ion-intercalation electrodes (e.g., Chevrel-phase Mo_6Se_8) for aqueous zinc (Zn) metal batteries cycling at different temperatures, different (dis)charging rates, and at different cell voltages. The XPS is a well-suited spectroscopic tool that can measure not only elemental composition, but also subtle changes in the chemical state of a material's surface. Brian is interested in understanding the mechanisms by which battery electrodes transform during cycling at different temperatures and (dis)charging rates and notes, "XPS has allowed me to identify and chemically distinguish among the many Zn species that form during cycling in these aqueous Zn metal batteries."

Sofia Martinez Uribe

Photo Credit: Sofía Martínez Uribe is the new Social Media Content Creator for the ChE Department and a graduate student in the Branding + Integrated Communications program at CCNY.

Assistant Professors Jason Madinya and Ian McCrum Join the ChE Department!

Assistant Professor Jason J. Madinya

Prof. Madinya received his BS in Chemical Engineering from Florida State University and his PhD in Chemical Engineering at the University of Illinois, Urbana-Champaign followed by post-doctoral training at the University of Delaware.

Area of research/expertise: Computational and theoretical modeling of charged polymer solutions – designing charged-sequenced polymers and polyelectrolyte nanocomposites and discerning the role of intrinsically disordered proteins in the formation of biomolecular condensates and membraneless organelles.

Which of your papers are you most proud of? *“Hybrid Field Theory and Particle Simulation Model of Polyelectrolyte–Surfactant Coacervation,” Macromolecules 2022, 55 (6), 2358. In this publication, my PhD advisor, Prof. Charles Sing, and I developed a theoretical model for describing interactions between two disparately sized, charged macromolecules. We took a very creative approach to this very challenging problem using a hybrid model of simulations and self-consistent field theory for polymers.*

Why CCNY? *Because of the role the institution plays within the community as a place for students of all backgrounds to receive an affordable and high-quality education that can lead them to successful careers. I am originally from New York City, though my family moved when I was young to Florida. As someone from a working-class family, the cost of education was a prohibitive factor for me pursuing a university degree and I ended up joining the workforce as an HVAC technician instead. After a few years in the workforce, I had a change of heart and decided to enroll at my local community college as I continued to work full-time. I earned my Associate Degree and transferred to Florida State University to finally fulfill my lifelong dream of earning an engineering degree. I truly believe in higher education as a means for working-class students to become upwardly mobile as I have lived the experience myself. I believe CCNY and the CUNY system are one of the best institutions in the country when it comes to providing these opportunities to working-class families and I am so excited to be joining CCNY and CUNY.*

Prof. Madinya is looking forward to starting up his research group at CCNY and to recruiting his first graduate students. He is happy to be at CCNY and to be living once again in New York City, which is a dream come true for him. In his first year, he strives to contribute to CCNY’s record of excellence in both teaching and research.

Assistant Professor Ian T. McCrum

Prof. McCrum received his BS in Chemical Engineering at Clarkson University and his PhD in Chemical Engineering at Penn State followed by a post-doctoral fellowship at Leiden University in the Netherlands.

Area of research/expertise: Electrocatalysis, surface and interfacial chemistry, and atomistic-scale computational modeling – all directed towards developing better materials to enable low-cost sustainable chemical manufacturing and water/wastewater treatment.

Which of your papers are you most proud of? *"The role of adsorbed hydroxide in hydrogen evolution reaction kinetics on modified platinum," Nature Energy 2020, 5 (11), 891. We resolved a long-standing problem in understanding electrochemical hydrogen production in alkaline electrolytes, determined the mechanism for this reaction, and provided guidelines for electrocatalyst design – my proudest example of how experiment and modeling can be used synergistically to drive new understanding.*

Why CCNY? *Because of the great research being performed here and the caring and dedicated faculty as well as the mission to educate and offer impactful opportunities to all.*

After starting his career as an Assistant Professor at Clarkson University, Prof. McCrum is excited to join CCNY. He is looking forward to starting new collaborations and getting to know the undergraduate and graduate students.

Prof. M. Lane Gilchrist Engages in Student Recruitment at Spring 2025 EXPO

Prof. Gilchrist dazzled high school students, guidance counselors, and teachers with his live demonstration of “Molecules and Color” at The Grove School of Engineering’s Spring 2025 EXPO a biannual event that aims to raise the visibility of the Grove School and recruit prospective students.

Connect, Engage, & Contribute

Connect

There are many ways to connect with your alma mater. Please check the boxes that interest you.

☐ I would like to visit the campus.

☐ I would like to speak about my experience to students.

☐ I would like to attend departmental seminars on technical & research topics (Mondays 2-3 PM).

☐ I would like to connect via LinkedIn group "CCNY ChemEng Alumni."

☐ I would like to mentor students.

You can always email us with updates or questions at:
chealumni@ccny.cuny.edu

Engage

Jasmine Navarrete (ChE BE '20)

Jasmine Navarrete is an Analysis Engineer at GE Aerospace in the Bohemia, Long Island Hypersonics Center of Excellence. A first generation Mexican-American and lifelong New Yorker, Jasmine is the first in her family to earn a college degree. She earned her BE in ChE in 2020 and returned in spring 2025 to pursue her MS in ChE. She began her career as a co-op intern at Innoveering, which was later acquired by GE Aero. There she began her specialty in solid fuel ramjet technology that since expanded to holding roles in project management, test engineering, sensor development, and aiding business development. Jasmine continues her relationship with CCNY by presenting industry lectures to the ChE seniors each fall since graduating. Her topics are chemical engineering in the field of aerospace, managing the transition from education to industry, and earning skills in school for career advancement. Overall, she aims to tie chemical engineering closely to aerospace engineering R&D and demonstrate the opportunities to students who, like her, have had limited exposure to engineering prior to college.

If you are interested in contacting Jasmine, she can be reached on LinkedIn https://www.linkedin.com/in/jnavarr730/ or emailed at jasmine.navarrete@geaerospace.com

Contribute

Please fill out this form to provide an information update and/or to make a donation to the Department of Chemical Engineering at CCNY.

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To leave a gift in your will, simply share this sentence with your attorney or financial planner:

"I bequeath $______or______% of my estate to the Department of Chemical Engineering, CCNY, Steinman Hall, T322, 140th Street & Convent Avenue, New York, NY 10031."

☐ I have included the Department of Chemical Engineering (CCNY) in my will.

Checks may be made out to: The Foundation for City College - Department of Chemical Engineering (CCNY)

Gifts to the Department of Chemical Engineering (CCNY) are tax-deductible as permitted by law.

Please donate online or return information/pledge card and checks to: Department of Chemical Engineering Office, The City College of New York, Steinman Hall Room 322, 140th Street & Convent Avenue, New York, NY 10031

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