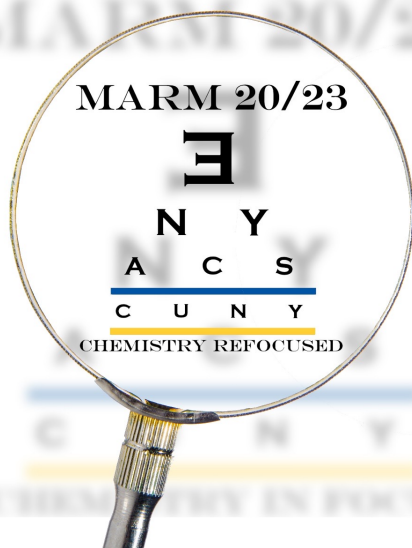




AMERICAN CHEMICAL SOCIETY

Middle Atlantic Region 2023 Awards Presentation



Sponsored and Hosted by:
The New York ACS



Friday, June 9th, 2023

7:00 pm

Skylight Lounge

CUNY Graduate Center
365 Fifth Avenue, New York

Schedule

7:00 PM

Reception and Seating

7:15 PM

Dinner and Awards Presentation

7:50 PM

Master of Ceremonies, Dr. Rob Mishur

7:55 PM

ACS President, Dr. Judy Giordan

8:05 PM

MARM Board Chair, Dr. John Freeman

8:15 PM

Stanley C. Israel Regional Award for Advancing Diversity in the
Chemical Sciences

8:20 PM

The ACS Division of Chemical Education (CHED) Middle Atlantic
Region Award for Excellence in High School Teaching

8:25 PM

The E. Emmet Reid Award in Chemistry Teaching at Small Colleges
in the ACS Middle Atlantic Region

8:30 PM

The E. Ann Nalley Middle Atlantic Region Award for Volunteer
Service to the American Chemical Society

8:35 PM

Closing Remarks and Dessert

2023 Awardees

- **Dr. Benny Chan**

The College of New Jersey, NJ

Stanley C. Israel Regional Award for
Advancing Diversity in the Chemical Sciences

- **Dr. Roxanne Spencer**

Ranney School, Tinton Falls, NJ

The ACS Division of Chemical Education
(CHED) Middle Atlantic Region Award for
Excellence in High School Teaching

- **Dr. Ipsita Banerjee**

Fordham University, Bronx, NY

The E. Emmet Reid Award in Chemistry
Teaching at Small Colleges in the ACS
Middle Atlantic Region

- **Dr. Barbara R. Hillery**

SUNY Old Westbury, NY

The E. Ann Nalley Middle Atlantic Region
Award for Volunteer Service to the American
Chemical Society

Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences

To recognize individuals and/or institutions who have advanced diversity in the chemical sciences and significantly stimulated or fostered activities that promote inclusiveness within the region.

Sponsored by the Committee on Minority Affairs of the American Chemical Society.



Stanley C. Israel

Dr. Benny Chan received a Ph.D. in Chemistry from The Pennsylvania State University, University Park, PA, USA and a B.A. in Chemistry from Franklin and Marshall College, Lancaster, PA, USA. He has published in a wide range of areas from electrocatalysis, actinide solid state chemistry, superconductivity, coordination chemistry, and scientific education with over 40 publications in these areas. He has been an advocate for diversity and inclusive since his start at The College of New Jersey (TCNJ) in 2006. He has been an advocate for justice, equity, diversity, and inclusion and has worked with multiple organizations from the American Society of Engineering Educators, American Chemical Society, American Crystallographic Association, and Out to Innovate. He has developed a rich collaborative research program with sociology Dr. Lynn Gazley to study how and why STEM students succeed and, more recently, how to shift the faculty culture towards inclusive pedagogy and enact change in a group of scientists. He is active with the American Chemical Society as a member of the Committee on Minority Affairs, Councilor for the Trenton Local Section, Chair of the 2022 Mid-Atlantic Regional Meeting of the ACS, and former Chair of the Trenton local section. He was honored 2019 NOGLSTP LGBTQ+ Educator of the Year, a 2020 ACS Fellow, 2022 LGBTQ+ Trailblazer, 2023 TCNJ Innovation in Teaching Award.



The ACS Division of Chemical Education (CHED) Middle Atlantic Region Award for Excellence in High School Teaching



To recognize, encourage, and stimulate outstanding teachers of high school chemistry in the Middle Atlantic Region.

Dr. Roxanne Spencer earned a B.S. with High Honors in Chemistry (ACS Certified) from Eckerd College (St. Petersburg, Florida), and an M.A. and Ph.D. in chemistry from Princeton University. She was inducted into Sigma Xi and is a member of the National Association of Science Teaching (NSTA) and the American Chemical Society (ACS).



For the past 10 years, Roxanne has taught all levels of high school chemistry, from college prep to Advanced Placement, and is currently an Upper School Science Teacher and the Science Department Chair at Ranney School (Tinton Falls, NJ), as well as the AP Chemistry teacher for One Schoolhouse. She teaches chemistry from a problem-solving perspective based on a strong foundation in basic concepts and trends and recently customized the cK-12 open-source chemistry textbook to support the Ranney chemistry curriculum.

A registered US Patent Agent, she managed intellectual property strategy for a variety of small companies in pharmaceuticals and alternative energy for 15 years prior to returning to the classroom. She draws on this experience to provide real-world context to lessons and in teaching an Entrepreneurship Maymester at Ranney.

In addition, Roxanne mentors high school students in science research and presented a poster on “Authentic Chemistry Research in High School” at the 2017 Middle Atlantic Regional Meeting. As a charter member of the American Association of Chemistry Teachers (AACT), she has been selected for three content writing teams (2016 Chemistry of Cars, 2022 Chemistry & Sustainability, and 2023 Skilled Technical Workforce).

The E. Emmet Reid Award in Chemistry Teaching at Small Colleges in the ACS Middle Atlantic Region

The E. Emmet Reid Award is administered by the Organizing Committee of MARM for outstanding achievements in teaching chemical sciences at small colleges within the Middle Atlantic Region.

Dr. Ipsita A. Banerjee is a faculty member in the Chemistry Department at Fordham University, Bronx, NY and has been chair of the department since 2018. She received her Ph.D. from the University of Connecticut where she studied photopolymerization of biological systems. During her post-doctoral work at the University of Notre Dame and at the City University of New York, Dr. Banerjee worked on developing nanoscale systems for biosensing and for other biological applications. At Fordham, Dr. Banerjee and her students are investigating tumor cell targeting and tissue engineering approaches using newly designed hybrid-peptide based supramolecular biomaterials. She has mentored over 85 undergraduate research students, has published over 100 peer-reviewed journal articles and has either co-edited or written five book chapters, and has participated in over 230 conference presentations (National/ Regional/ International). Dr. Banerjee teaches both the Introductory and Advanced Biochemistry courses as well as the Bionanotechnology and Introduction of Nanomedicine course which she developed. Her research lab has mainly focused on the development of a broad range of molecularly designed supramolecular soft materials that can function as bioactive scaffolds. She is a recipient of Outstanding Research Mentorship award from the National Council of Undergraduate Research, Outstanding four-year Undergraduate College and University Chemistry teaching award from the New York ACS as well as featured in an interview by the journal Nanotechnology in a “one-year on story”. Dr. Banerjee is also a recipient of the Distinguished Research Award from Fordham University and Distinguished Scientist Award from the Westchester Chemical Society. Dr. Banerjee is also PI on two NSF-MRI funded grants. Her students have also received several awards at various conferences for their research presentations. She also received a Fordham University Faculty Undergraduate Research Mentor award in the Sciences.



The E. Ann Nalley Middle Atlantic Region Award for Volunteer Service to the American Chemical Society

To recognize the volunteer efforts of individuals who have served the American Chemical Society, contributing significantly to the goals and objectives of the Society through their Regional Activities.



E. Ann Nalley

Dr. Barbara Hillery is currently Professor of Chemistry and Associate Provost at SUNY Old Westbury. She has been involved with the New York Section of the American Chemical Society since starting as an Assistant Professor, working initially with the Long Island Subsection then progressively increasing her geographic reach to local, regional, and national service. Along the way her activities included Chair of the Long



Island Subsection, Chair of the New York Section, and Councilor for the New York Section. Nationally she has served with the Local Section Activities Committee, the Constitution and Bylaws Committee, and several *ad hoc* committees. Her chemistry outreach includes several years as Chair of the Frances Sterrett Environmental Symposium and many years on the Governing Board of the Eastern Analytical Symposium, with 5 years on the Executive Committee, including service as President of the organization in 2022. She was selected as an ACS Fellow in 2018.



ACKNOWLEDGMENTS

MARM 2023 has been organized by the New York Section of the American Chemical Society. MARM 2023 organizing committee is honored to recognize the contributions of the individuals listed in this program.

The MARM 2023 Awards Committee is indebted to the efforts of the nominators from the local sections. We also acknowledge support from the ACS Middle Atlantic Region Board, the ACS Office of Regional Meetings and Expositions, ACS Committee on Minority Affairs, and the Division of Chemical Education (CHED).

This awards presentation is generously supported by the New York Section of the American Chemical Society.



MARM 2023 Awards Committee:

MARM 2023 Awards Committee Chair:

Dr. C. Eric Cotton, Community College of Baltimore County

MARM 2023 Awards Committee Past-Chair:

Dr. Mirela Krichen, TCNJ, Retired

MARM 2023 Awards Committee Member
and Master of Ceremonies:

Dr. Rob “DJ Fire Beats” Mishur, Widener University

MARM 2023 Awards Committee Member:

Dr. Mukund Chorghade, THINQ Pharma