



American Chemical Society

Middle Atlantic Region

2020 / 2021 Virtual Awards Ceremony



Sponsored by Delaware Section ACS

Thursday, June 10, 2021, at 7:00 PM

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.

2020 Awardee is presented to Dr. Jean M. Mihelcic of Conestoga High School



Dr. Jean M. Mihelcic received her MS. And Ph.D. in chemistry from Yale University. Prior to starting her teaching career, she worked for DuPont in Parlin, NJ and Wilmington, DE. She started teaching at Conestoga High School since fall of 2000 as a member of the chemistry department and quickly distinguished herself as an outstanding teacher and leader in the AP program. She has taught all levels of chemistry, served on District Committees, and has been involved in extracurricular activities. As a teacher of AP Chemistry, Jean focuses on teaching her students how to think like scientists and critically analyze information and data. She has placed a high emphasis and value on laboratory experiences and demonstrations. She has adapted labs and regularly searches for new ones to ensure that the students are engaging, safe, and inquiry based. Jean's students score in the top 20% nationally on the AP chemistry exam, with her average score on the 2019 exam being 4.2 (with over 40 students taking the exam).

In addition to her classes, Jean has taught and mentored student for the Chemistry Olympiad, some of whom have also placed well both locally and nationally. Jean has served as the advisor for the Chemistry Club. Mole Day and National Chemistry Week (NCW) are big holidays for Jean and her students. She stays current with research-based trends as a member of AACT, and attends national meetings with the ACS, NSTA, BCCE, and AP Annual Conference. Dr. Mihelcic is the Philadelphia Local Section's Recipient of Excellence in Pre-College Teaching Award for 2020.

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.

2021 Awardee is presented to Laura Trout, Lancaster Country Day School

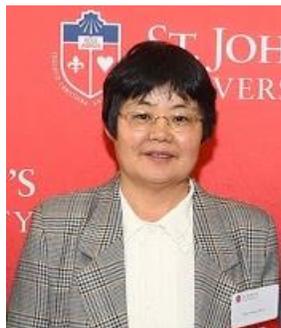


Laura Trout has a B.S. in chemistry from Central Washington University and a M.S. in chemistry from the University of Washington. She has taught high school chemistry (college prep, honors, AP and IB) for 28 years in both Washington State and Pennsylvania. She was also a lower school science specialist for 7 of those years. Laura is very involved with The POGIL Project. She has been writing and implementing guided inquiry activities for her students for about 20 years, as well as facilitating POGIL workshops for about 16 years. She served as the Editor-in-Chief for the High School POGIL Initiative (HSPI) which produced four POGIL activity books for high school - Biology, Chemistry, AP Biology, and AP Chemistry. She has also helped to produce a lab manual for AP Chemistry for PASCO Scientific which utilizes POGIL techniques. She has been a member of The POGIL Project Steering Committee and continues to develop workshop sessions and materials for that organization. Laura lives with her husband and daughter in Lititz, PA.

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

To recognize, encourage, and stimulate high quality teaching and research at small colleges. Administered by the Organizing Committee of MARM.

2020 E. Emmet Reid Awardee is presented to Enju Wang, St. John's University



Professor Enju Wang received her B.S. in chemistry, Shandong Normal University, P.R. China, M.S. in Electroanalytical chemistry, Nanjing Soil Institute, P.R. China, and Ph.D. in analytical chemistry, ETH – Zurich Switzerland. She did post-doctoral research at the University of Michigan followed by working for 2 years at Kagoshima University in Japan as a research associate. She joined St. John's University, department of chemistry as an assistant professor in 1993 and was promoted to full professor in 2005. She spent one year at Princeton University on sabbatical research leave during 2001-2002.

Professor Wang has shown a strong commitment and innovation in teaching the undergraduate in her lectures and a strong commitment to research. When the nomination was submitted, Dr. Wang has 36 peer reviewed scientific publications which involved 69 students working with her (M.S., B.S. undergraduates, and high school students). She has been productive in research with 1.3 publication per year and is the first woman full professor in the 125-year history of St. John's University. Her research focuses on chemical sensors, chemical separations. She has 1 patent, 2 book chapters, and 58 presentations.

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

To recognize, encourage, and stimulate high quality teaching and research at small colleges. Administered by the Organizing Committee of MARM.

2021 E. Emmet Reid Awardee is presented to Dr. Marsha R. Baar, Muhlenberg College



Marsha Baar is a professor of chemistry at Muhlenberg College. Dr. Baar received her B.S. in chemistry from SUNY Stony Brook and Ph.D. in organic chemistry from University of Pennsylvania. Her research involves the synthesis and characterization of a novel class of compound in which cryptands, three-dimensional cage molecules, are attached to fluorescing coumarins. Marsha became a pioneer in integrating microwave heating into undergraduate teaching and research laboratories. She has published extensively on this and other topics in the *Journal of Chemical Education*, often with student co-authors (in 2018, 2016, 2014, 2010, 2005). In addition to her publications in a top pedagogical journal, she has led workshops, written book chapters and newsletters, and administered countless presentations on microwave-assisted organic synthesis. Marsha has exhibited a strong dedication to her community, encouraging women to enter STEM fields. In 2015, she developed a week-long summer camp titled Girls Experience Muhlenberg Science (GEMS).

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.

2020 Awardee is presented to Brian Gibney, Brooklyn College



Prof. Brian Gibney of Brooklyn College and the CUNY Graduate Center is an active leader in the New York Section of the American Chemical Society having served as Chair in 2017 and currently as a Councilor. As Chair of the Long-Range Planning Committee of the New York Section, his vision and volunteer efforts were critical to the founding of the Brooklyn Frontiers in Science Public Lecture series to communicate chemistry's value, the Nichols Fellows Program to support summer undergraduate research experiences and the Diversity, Equity, Inclusion and Respect Committee to build a more equitable local section. He was the Program Chair of the 2020 Middle Atlantic Regional Meeting of the ACS and Brian served on the ACS Committee on Science which works on emerging areas of research, science policy and science education. He was selected as an ACS Fellow in 2018.

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

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2021 Awardee is presented to Dr. Patricia Redden, Saint Peter's University, Jersey City, NJ



Patricia Redden is a professor of chemistry (now listed as professor emerita) at Saint Peter's University. Pat's contributions are a challenge to summarize, broad and deep as they are. Pat has served in a great number of roles within the American Chemical Society. She is a member of the New York Local Section where she has served as Chair, Chair-elect, Past-Chair, Board of Directors, a Councilor for well over 30 years, education, nominating, long range planning, National Chemistry Week, Chemistry for Kids, Safety, Fund raising, and membership committees. For MARM, Pat has chaired the educational programs committee and served on the E. Emmett Reid Committee. At the national level, she has served on the Committees on Environmental Improvement (CEI), Economic & Professional Affairs (CEPA), Chemistry & Public Affairs (CCPA), Chemical Safety (CCS), and currently serving on the Committee on Chemist with Disabilities (CWD). She is currently participating in the revision of "Teaching Chemistry to Students with Disabilities" including 2 chapters (mobility impairments and service dogs) and a chapter (service dogs) in "Accessibility in the Laboratory", ACS Symposium Series 1272. She was selected as an ACS Fellow in 2011.

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

To recognize individuals and/or institutions that 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

2020 Awardee is presented to Bob Hoyte, SUNY-Old Westbury



Dr. Robert M. Hoyte holds the rank of Distinguished Teaching Professor of chemistry at SUNY College at Old Westbury. From the college's founding in 1968 and continuing to this date SUNY Old Westbury has been nationally recognized as one of the most diverse colleges in America based on the ethnic makeup of the student body and faculty, graduation rates of ethnically diverse students, and facilities and programs offered to promote diversity. Dr. Hoyte arrived at the college in the early 1970s and was instrumental in the creation of a chemistry degree granting department, which now offers ACS certified degrees. By 1980 he had obtained funding from the NIH to support underrepresented minority (URM) students pursuing science degrees, and he maintained funding for the next 30 years. Over the course of his career, he has secured nearly \$13 million in grant funds to support the training of over 130 URM students in the chemical and biomedical sciences. He personally mentored 22 students, half of whom now have doctoral degrees. His funding not only supported minority students, but also helped provide research support for new faculty at OW as they mentored URM students. Dr. Hoyte received his bachelor's degree in chemistry from Long Island University, then master's and Ph.D. degrees in organic chemistry from Rutgers University. He was appointed as Assistant Scientist, Brookhaven National Laboratory (1968-71) and began his teaching career in higher education at Medgar Evers College-CUNY (1971-72), moving to SUNY College at Old Westbury in 1972. He has served three terms as a department chair in addition to his roles as Director of the college's Minority Biomedical Research Support (MBRS) and Minority Access to Research Careers (MARC) programs. His research activities have centered on the synthesis of radiolabeled compounds for studies in nuclear medicine. Involvement of undergraduate students in research has been an integral part of his career. Dr. Hoyte has held several concurrent research positions including, Research Collaborator, Departments of Biochemistry and Obstetrics and Gynecology, Columbia University College of Physicians and Surgeons, and Visiting Fellow and Visiting Professor, Department of Obstetrics and Gynecology, Yale University School of Medicine. Dr. Hoyte's service to ACS includes Alternate Councilor and Education Committee member of the New York Section, Secretary and Board Member of the Nassau-Suffolk Subsection, Chair of the Committee on Project SEED, Member of the Committee on International and Activities and Member of the Committee on Minority Affairs

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

To recognize individuals and/or institutions that 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

2021 Awardee is presented to Brooklyn College, Department of Chemistry



Brooklyn College is an engine of socioeconomic mobility that serves a highly diverse community with transformative, distinctive, and affordable educational opportunities. The Department of Chemistry prides itself in advancing the American Chemical Society's core value of diversity, inclusion and respect in the classroom and research laboratory, where roughly 25% of our graduates come from underrepresented groups and progress to top-tier Ph.D. programs and medical schools, in the faculty lounge where fully half the faculty are women, and the percentage of faculty from underrepresented groups is three times the national average, and in the community where our programs engage with the highly diverse population of the 4th largest city in America.

ACKNOWLEDGMENTS

MARM 2021 has been organized by the Delaware Section of the American Chemical Society. MARM 2021 was originally planned to be held on the campus of the University of Delaware, Newark, DE. In January 2021, MARM 2021 was converted to a virtual platform, MARM 2021 organizing committee is honored to recognize the contributions of the individuals listed in this program.

The MARM 2021 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).