

BIOGRAPHY

DELGADO, MILAGROS (Milly). *South Florida Section.* Florida International University, Biscayne Bay Campus, North Miami, Florida.

Academic Record: University of Puerto Rico, B.S., 1980; University of Miami, Ph.D., 1987. University of Oxford, England, Post-doctoral Fellow, 1988-89.

Honors: ACS Fellow, 2018; ACS ZC Morales-Martinez Prize for Outstanding Mentoring to the ACS Scholars, 2015; Outstanding Service Award South Florida Section, ACS 2015; Outstanding Outreach Volunteer Award, South Florida Section, 2014, Florida International University (FIU) Outstanding Life Achievement Award for Service with Student Chapter, 2019; FIU Worlds Ahead Leading by Example Award with Student Chapter, 2019; FIU-College of Arts, Science, and Education: Service Award 2019, 2016; Teaching Award 2018, Community Engagement Award 2017. HHMI Stem Founding Fellow 2015; Florida International University TIP Award, 1997; Florida International University Finalist, Service Award 1997; Florida International University Excellence in Teaching Award, 1995; McKnight Fellow, 1993; Sigma Xi.

Professional Positions (for past 10 years): Florida International University, Director of Undergraduate Studies, Chemistry and Biochemistry Department 2018 to date, Teaching Professor, 2018 to date, Senior Lecturer, 2012-18, Lecturer, 1994-2011.

Service in ACS National Offices: Committee on Education, Member, 2017-23, Associate 1998-2000 Committee Associate, 2016; Committee on Nominations and Elections, Member, 2010-15, Vice-Chair, 2015, Secretary, 2013-14; Committee on Committees, 2004-09; Committee on Project SEED, 1995-2003, Chair, 2001-03, Committee Associate, 1994; Committee on Minority Affairs, 1998-2004, Committee Associate, 1997; Task Force on National Committee Restructuring, 2008.

Service in ACS Offices: *South Florida Section:* Councilor, 1996-2022; Secretary, 2008-21, 1995-2007; 1995 Illustrated Poem Contest, Chair, 2013 to date; ACS Roundtable on Diversity, Equity, Inclusion, and Respect, 2022, ACS Scholars Mentor and Selection Committee, 2001 to date; ACS New Faculty Workshop, Vice-Chair 2020 to date, Member 2016 to date; National Awards, Canvassing Committee on Encouraging Minorities into Careers in Science, Chair 2009; Selection Committee on Encouraging Women into Careers in Science, 2009-12; Membership Subcommittee Chair, 1998-2010; Project SEED Scholarship Committee, 1995-2003, Chair, 1996-2000.

Member (current): Member ACS since 1984. Society for the Advancement of Chicanos and Native Americans (SACNAS); Association of Women in Science (AWIS), American Association of Chemistry Teachers (AACT). *ACS Division(s):* Chemical Education.

Related Activities: ACS Scholar Mentor 1994 to date; Educational, Excellence Advisory Council for MAST@FIU, 2015 to date; Citizen Advisory Committee Miami Dade Public Schools, 2012 to date; Student Chapter Advisor of FIU-Biscayne Bay Campus Chapter, 2001 to date; National Chemistry Week, Dade County, 1989 to date; Hands-On Inquiry-Based Chemistry workshop for High School Teachers, Organizer, 2012-16; Leadership Subcommittee of Committee on Committees, 2004-09; Miami-Dade County Public School Region 2, ACS

Blue Ribbon Advisory Board of Committee on Diversity 2000-2004; Science Advisory Board 1998-2018; Miami-Dade County Public School Region 2 Feeder Pattern Coordinator 2003-05; Academy of the Art of Teaching, Advisory Board 1997-2015.

STATEMENT

Dr. Milagros (Milly) Delgado

With great pride and enthusiasm, I am honored to be considered for the position of Director at Large of the American Chemical Society.

My long history of active ACS involvement has been instrumental in developing both my successful academic and professional careers. I attended my first ACS conference in Seattle, Washington, as an eager and passionate undergraduate student, traveling to the U.S. from San Juan, Puerto Rico; with the support of the ACS, I exceeded my academic and personal milestone goals. During the following years as a graduate student at the University of Miami, I forged forward to earn my post-doctoral honors in Chemistry. The ACS has been the epicenter of my continuing education and motivation as I strive to serve the academic Chemistry community and provide guidance and mentorship to hundreds of students over the past 28 years at Florida International University in Miami, Florida.

I have represented South Florida as a Counselor for the past 28 years and served the ACS in my professional capacity on various committees. I was appointed to serve on four national committees, one of which I served as Chair. I was elected to the Committee on Committees and Nominations and Elections Committee. I have built priceless professional networks through my ACS committee service, and I believe this level of cohesiveness is vitally important to the growth and development of Chemistry programs and professional careers in the industry.

Representation - As a bilingual educator, my language and cultural skills function as outreach tools to strengthen and reinforce the Latin and non-tenured faculty communities in governance, thus providing support to the LatinX and non-tenured faculty. I wish to contribute analyses and ideas to the conversation on diversity, equity, inclusion, and respect. These pillars represent some of the core values of the ACS, of which I am proud to represent and further promote.

As the largest national scientific organization, and through its two signature programs, Project SEED, and the ACS Scholars Program, the ACS has achieved a participation increase in the number of underrepresented groups in chemistry. I have been actively involved with both programs as member, and as Chairperson of the Project SEED Committee working with high school students in Research. I have served the ACS Scholars Program since its inception as a committee member, a mentor, and a selection process Facilitator. To date, more than 3,500 students are now ACS Scholars. At least 450 have earned PhDs and at least 50 hold professional academic positions. With the ACS's strong support of the Scholars Program, the socio-economic and multi-cultural "face" of chemistry is changing positively. Evidence exists that diverse groups of scientists can more effectively address complex issues such as sustainability and climate change. In light of great progress, further guarantee is needed to ensure multi-cultural representation in academia and in industry.

The ACS is positioned to enhance equity and inclusion in the chemical sciences by delivering programs and services that train leaders in equitable and inclusive practices. Mechanisms and

continued evaluation are necessary to make chemistry more equitable and collaborative with sister societies such as SACNAS, NOBCCHE, AISES, and others.

Collaborations - The pandemic demonstrated that access to trusted scientific information and collaborations were essential in the development of the vaccines and boosters to save lives and rejuvenate society. The expeditious vaccine development allowed states to reopen businesses and increase face to face interaction in a safer environment.

In the wake of the pandemic, lifestyles were redefined as we learned to accept that uncertainty and isolation could make us more creative, resourceful, and resilient. We facilitated flexible work schedules and engaged in communication and collaborations across time zones utilizing essential technological advances. As a leader in information, the ACS continues to increase the participation of international members in advocacy. As a society, we must ensure that the value of membership to all our constituents remains strong. Elected Board members must collaborate and work together with existing members to advance ACS Strategic Plans and its core values while maintaining financial solvency.

If elected, I will **collaborate, communicate, and work** tirelessly on behalf of the ACS and its valued membership. I pledge to propose measures to increase participation, to emphasize the Society's relevance to prospective members, to welcome new members, and to address career advancement potential and pathways throughout the society. It is my goal to ensure that the ACS reaches its goals.