

STEPHANIE FARRELL, PH.D.
THE AMERICAN SOCIETY FOR ENGINEERING EDUCATION (ASEE)



Biography

Stephanie Farrell is an Associate Professor of Chemical Engineering at Rowan University. Stephanie received her B.S. degree from the University of Pennsylvania, her M.S. degree from Stevens Institute of Technology and her Ph.D. from New Jersey Institute of Technology, all in Chemical Engineering. She was a faculty member in Chemical Engineering at Louisiana Tech University for two years before joining the new College of Engineering at Rowan University in 1998 where she has played a key role in the development of the Chemical Engineering Program. At Rowan, Stephanie is actively working to promote international student exchanges and faculty collaborations.

Throughout her career, Stephanie has demonstrated enthusiasm and commitment to engineering education, through her scholarly work and her service to the profession. She has been an active member of ASEE for 15 years at both the section and national levels and has been elected twice to the Board of Directors: as 2009-2011 Zone I Chair and as 2012-2014 Vice President Member Affairs. She has also served as Chair of the ASEE Chemical Engineering Division (2011-2012). In AIChE she served for two years at the Chair of the Chemical Engineering Division (2005-2007).

Stephanie has participated in several NSF-sponsored projects on curriculum and laboratory innovation which have enabled her to incorporate experiential learning throughout the curriculum at Rowan University. A pioneer in the development of Rowan's hands-on, multidisciplinary Engineering Clinic Program, Stephanie has led over 20 industrially-funded projects involving undergraduate students. She has shared her educational innovation and fostered academia-industry-government collaboration through workshops, conference presentations, and journal publications. Her contributions as an engineering educator have been recognized with national ASEE awards including the Robert G. Quinn Award for experiential learning, and the National Outstanding Teaching Award.

As a proponent of a learner-centered teaching, Stephanie has shared her innovations and expertise with faculty around the world. She has conducted several workshops and seminars on experiential learning and teaching pedagogy in the United States, India and Kazakhstan. She has been involved with IUCEE as a workshop leader and has worked with an international team to help expand IUCEE into Kazakhstan, which resulted in launching KIUCCEE in March, 2012.

July 30th, 2013