North American Membrane Society

28th Annual Meeting

Membrane Separations for Emerging Water, Energy, and Health Applications

Awards Winners & Fellows 2019

Conference Chairs:
David Latulippe, McMaster University
Meagan Mauter, Carnegie Mellon University
Andrew Zydney, Penn State University

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May 11-15, 2019
Pittsburgh, PA
NAMS 2019 Award Recipients

Awards Session #23 - Wednesday, May 15 at 9:30 am, Kings Garden 4

Student Fellowship Award

The NAMS Student Fellowship Awards are presented annually to outstanding graduate students in the area of membrane science and technology.

Ratul Chowdhury
Pennsylvania State University
USA

Shiqi Huang
École polytechnique fédérale de Lausanne, Switzerland

Yao Ma
Georgia Institute of Technology
USA

Young Membrane Scientist Award

The NAMS Young Membrane Scientist Awards are awarded annually to those individuals who are within five years of completing their Ph.D. degree and have already proven to be outstanding membrane scientists in the area of membrane science and technology.

Alexander Dudchenko
Carnegie Mellon University
USA

Liang Huang
The State University of New York at Buffalo, USA

Yang Han
Ohio State University
USA

Undergraduate Student Travel Awards

The Undergraduate Student Travel Awards were generously provided by a grant from the National Science Foundation.

William Baker (University of Alabama), Andy Basalla (University of Colorado Boulder), Sandrina DePaz (University of Arkansas – Fayetteville), Zhihao Feng (The State University of New York State at Buffalo), Aristotle Grosz (Georgia Institute of Technology), Nicholas Hagopian (University of Minnesota), Michael Lemelin (Clemson University), Samantha McVety (University of Southern California), Halle Shannon (University of Kentucky), Siddharth Sharma (Penn State University), RJ Vogler (University of Kentucky), Sam Walker (The State University of New York State at Buffalo)
NAMS 2019 Fellows

NAMS Fellows are recognized members of NAMS who have demonstrated ongoing excellence in membrane engineering and practice. Election as Fellow is in recognition of both “service to NAMS” and “highly significant professional accomplishment in the membrane field.”

Anthony (Tony) Allegrezza
MilliporeSigma (retired)

Tony Allegrezza started a 40-year career in membrane R&D in 1973 at Albany Research working on composite hollow fiber RO membranes. This was probably the first adaptation of composite membrane technology to the hollow fiber format. The manufacturing process developed from this effort served as the basis for hollow fiber gas separation membrane and a sulfonated polysulfone RO products which were sold to other firms. In 1978 he moved to Koch Membrane Systems and worked on composite RO flat sheet membranes for the dairy industry. In 1983 he started his 25 year association with Millipore. There he developed a novel UF membrane – thin layer composite UF – for virus removal in biotherapeutic drug manufacturing. For this work he received the Jack Bush Award from Millipore, their highest R&D award.

Tony was a member of the Board of Directors of NAMS and Treasurer for nine years. He was Co-Chair of the 2005 and 2010 Annual Meetings. He served as a member of the Industrial Advisory Board of the Membrane Applied Science and Technology Center at the University of Colorado (Boulder) for seven years, serving as Chair for two years.

He has a B.S. in chemical engineering from Worcester Polytech and Ph.D. from University of Massachusetts at Amherst.

Dibakar (DB) Bhattacharyya
University of Kentucky

Prof. Dibakar Bhattacharyya (DB) is the University of Kentucky Alumni Chair Professor of Chemical Engineering, Director of Center of Membrane Sciences, and a Fellow of the American Institute of Chemical Engineers. DB has forged a successful career over 45 years as a chemical engineering professor and researcher fueled by his serious interest in creating clean water through advanced membranes and other technologies. His 220+ refereed publications (over 180 journal articles, 36 book chapters, and two books), and nine U.S. patents in the area of functionalized membranes and water detoxification have made him a renowned authority in the area of membrane and hybrid technology based, water, water reuse, and pollutant separation activities. He has received many highly prestigious awards (such as, AICHE Gerhold and Cecil awards, Sturgill award, etc.). DB is an outstanding teacher, and he received the highest education award “University of Kentucky Great Teacher Award” in three different decades (1984, 1996, and 2008). DB’s service to the membrane community is enormous. Starting from his involvement in the original founding days of NAMS (has never missed a NAMS Annual meeting), he has coordinated and co-chaired three highly successful NAMS Annual Meetings (1992, 2001, 2018) in Lexington. The 2018 NAMS meeting in Lexington brought a lot of industrial and international people. He is highly active in professional societies (such as the 2010-2011 Chair of the AIChE Separations Division and the June 2015-June 2016 President of the North American Membrane Society).