All-Hands Meeting

October 5th 12:45 – 16.00
October 6th 09.00 – 12.15

Program:
DAY 1
THEME: Microbial Ecology for Safe Water

ENTER THE WEBINAR>

12.45 – 13.00 Welcome to the AMRI all-hands meeting by Anna Székely, Uppsala University

13.00 – 13.20 Kaarina Sivonen, Professor of Microbiology, Helsinki University

"Toxic Cyanobacteria in the Baltic Sea and beyond"

13.20 – 13.40 Catherine Paul, Associate Professor of Water Engineering and Applied Microbiology, Lund University

"Long-term dynamics in bacterial biofilm communities living in drinking water pipes: roles in nitrification and shaping the microbiome at the tap"

13.40 – 14.00 Agneta Andersson, Professor in Marine Ecology, Umeå University

"Terrestrial dissolved organic matter inflow drives bacterioplankton habitat generalist and specialist dynamics in sub-arctic estuaries"

14.00 – 14.20 Karin Rengefors, Professor in Aquatic Ecology, Lund University

"Curiosity, serendipity and citizen science – or how I moved from fundamental research to dealing with water quality questions"

14.20 – 14.40 Hélene Norder, Professor in Virology, Gothenburg University

Title: "One year variations of viruses in wastewater"

14.40 – 15.00 "Meet the speaker" Breakout rooms for Q and A with invited speakers

- Click here to Meet with Hélene Norder, Professor in Virology, Gothenburg University
- Click here to Meet with Karin Rengefors, Professor in Aquatic Ecology, Lund University
- Click here to Meet with Agneta Andersson, Professor in Marine Ecology Umeå University (LINK TBA)
- Click here to Meet with Catherine Paul, Associate Professor of Water Engineering and Applied Microbiology, Helsinki University (LINK TBA)
- Click here to Meet with Kaarina Sivonen, Professor of Microbiology, Helsinki University

15.00 – 16.00 Welcoming our Distinguished Invited Speaker: **Rita Colwell** by Rachel A Foster, Stockholm University
Distinguished professor and microbiologist. Author of recently published memoir: "One Woman's Personal Journey Through Sexism in Science"
Keynote title: "Oceans, Climate, and Human Health: What Cholera Can Tell Us About COVID-19"

16.00 – 16.30 Maria Saline, PhD, Project Manager at unit for Strategic Collaboration, Chalmers University
Lauri Robbins Ericsson, University of Maryland, USA emotional and gender intelligence researcher and leadership speaker

Introduction of the GENIE program (Gender Initiative for Excellence) by a Maria Saline, followed by a brief Q&A with Lauri Robbins Ericsson

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Day 2:
Theme: Gender Intelligence in the time of COVID

Please note this portion of the meeting is a closed event reserved for the AMRI Network, those interested in the topic and content should contact AMRI coordinator for more information and future activities. caroline.littlefield@ebc.uu.se

09.00 – 09.05 **Welcome address**: Rachel A Foster, Co-PI AMRI, Stockholm University

09.05 – 09.50 Lauri Robbins Ericsson, seminar on Gender Intelligence and Research in the time of COVID

09.50 – 10.00 Post-seminar discussion

10.00 - 10.30 Fika pause

10.30 – 12.00 All-inclusive panel on gender, leadership and research in early and later careers, moderated by Lauri Robbins Ericsson

12.00 – 12.15 Wrap up discussion & Poll

PANEL:

Moderator: Lauri Robbins Ericsson
Catherine Legrand, Professor of Marine Ecology, Linnaeus University
Catherine Paul, Associate Professor of Applied Microbiology, Lund University
Agneta Andersson, Professor in Marine Ecology, Umeå University
Karin Rengefors, Professor in Limnology, Lund University
Hélene Norder, Professor in Infectious Disease , Gothenburg University

Invited Speakers and Panelists (alphabetical order):

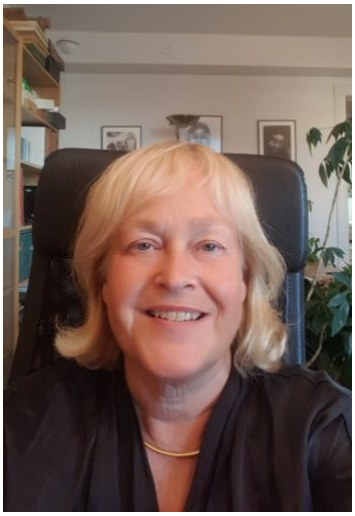

Image courtesy of Agneta Andersson

Agneta Andersson is a Professor in Pelagic Ecology at the Department of Ecology and Environmental Science, Umeå University. Dr. Andersson leads a research group working with aquatic microbial food webs, especially focusing on environmental drivers for protozoa-bacteria interactions. Dr. Andersson is scientific coordinator of a Swedish marine strategic research program – EcoChange - Ecosystem dynamics in the Baltic Sea in a climate change perspective. She is also a board member of the Royal Swedish Academy of Sciences' National Committee for Global Environmental Change.

Image: wikipedia

Rita Colwell is a Distinguished Professor, University of Maryland at College Park, Johns Hopkins University Bloomberg School of Public Health. Rita Colwell is an environmental microbiologist and leader in field of cholera and the study of global infectious diseases through water. She holds degrees in the fields of bacteriology, genetics and oceanography. Colwell was the first female director of the National Science Foundation (NSF) and was largely responsible for the advancement of women in science and engineering fields by her work on the NSF initiative ADVANCE.

Image: lauri.co

Lauri Robbins Ericsson is an advisor and specialist in emotional intelligence and gender equality who believes that woman empowerment is human empowerment. Her ability to help organizations find purpose and drive change has led to successful collaborations on five continents with organizations and people as diverse as Innovations for Poverty Action, MTR and Yale and Harvard economists. She currently advises The Women and Girls Africa Summit and Urban Challenges, an international collaboration among Brazil, Colombia, Mexico and Sweden. Lauri's hallmark insight, enthusiasm, and good humor can be seen in her TEDx talk "Shifting Gender Paradigms: Speak Up, Stand Up, Rise Up", featured on TED.com. A native United States citizen, she is now a resident of Sweden.

Image: Linnaeus University

Catherine Legrand is a professor of Marine Ecology and former pro Vice-Chancellor (2016-2020) at Linnaeus University and conducts research on microbes that affect energy flow and diversity in aquatic ecosystems in relation to eutrophication and climate change. Another focus is on research-driven innovation, such as the use of microalgae to achieve "Sustainable Blue Growth" (e.g. purification of air and water, renewable energy, high-quality products, circular economy). The Algoland project, established by Legrand with her research group as an academia-industry collaboration to find sustainable solutions to societal challenges, has won the Sweden Impact Award in Medical and Life Sciences (2017), the Solros Award for innovation in climate and

sustainability (2016), the Clean Air Award Kalmar Country (2013), among others.

Image: akademiliv.se/Elin Lindström Claessen

Hélene Norder is a Professor in Virology, Gothenburg University. Dr. Norder is a molecular epidemiologist and a world expert on hepatitis, especially hepatitis E. She is an adjunct professor at Department of Clinical Microbiology of University of Gothenburg and Department of Biomedicine of Sahlgrenska University Hospital and is a member of the Viral Hepatitis Prevention Board. Dr. Norder is a recent recipient of MS Balayan medal, an award that recognizes significant contributions to the study of hepatitis E. Professor Norder has pioneered the work in Sweden on monitoring pathogenic viruses in drinking and sewage water using molecular approaches.

Image: Lund University

Catherine Paul is an Associate Professor of Water Resources Engineering and Applied Microbiology, at Lund University, Sweden. Her research interest is in bacterial metabolism and function in environmental settings. Research in Dr. Paul's team focuses on understanding the ecophysiology of industrially grown bacterial populations, e.g. biofilms, and how these bacterial populations can be used for decontamination of water and other natural environments, and reduction of greenhouse gas emissions.

Image: Lund University

Karin Rengefors is a professor in Limnology, Lund University, Sweden. Dr. Rengefors leads a research group focused on evolutionary ecological questions within phytoplankton. Currently she has several projects focused on freshwater invasive nuisance species. Research foci include understanding the role of dispersal in species distribution and genetic differentiation, temperature and nutrient effects on species composition, and population genomics on toxic cyanobacteria. Dr. Rengefors distinctions include the Marine Biological Laboratory Whitman Summer Investigator Grant Award (2015), the Lund University pedagogy prize (2012), and elected to the Royal Physiographic Society of Lund (2011).

Image: University of Helsinki

Kaarina Sivonen is a Professor of Microbiology at the University of Helsinki, is a world-leading authority on the biology of cyanobacteria. She has made pioneering work on toxic blue-green algal blooms in lakes and the Baltic Sea aas well as cyanobacterial-derived bioactive compounds. Awards and recognitions include the City of Helsinki Science Prize (2001) and membership of the Finnish Academy of Sciences since 2002. She has also led several centers of excellence in the field of environmental microbiology and biotechnology.