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Dutch (B1)

Current Address:

Radboud University

Department of Microbiology

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Heyendaalseweg 135

6525 AJ, Nijmegen, The Netherlands

EDUCATION

2015 – Present

Ph.D. Microbiology
Radboud University
Nijmegen, Netherlands

2015

M.S. Bioinformatics and Medical Informatics
(*National Science Foundation – Statistics Track*)
San Diego State University,
San Diego, CA, United States of America

2011

B.S. Microbiology
California Polytechnic State University San Luis Obispo
San Luis Obispo, CA, United States of America

TEACHING EXPERIENCES

Genomics Health and the Environment, Radboud University (2015-present)

Ecological Metagenomics, San Diego State University (2013-2014)

Microbial Diversity summer course in Indonesia, San Diego State University (2013)

AWARDS / SCHOLARSHIPS

Soehngen Institute for Anaerobic Microbiology – Talent Grant (2019)

Federation of European Microbiological Society – Travel Grant (2018)

Soehngen Institute for Anaerobic Microbiology – Talent Grant (2018)

Koninklijke Nederlandse Vereniging voor Microbiologie – Kiem prijs (2016)

National Science Foundation – Statistics Scholarship (2013-2015)

PUBLICATIONS

Marcelo P. Ávila, Ernandes S. Oliveira-Junior, Mariana P. Reis, **Eric R. Hester**, Cristiane Diamantino, Annelies J. Veraart, Leon P.M. Lamers, Sarian Kosten, Andréa M.A. Nascimento. (2019). *The water hyacinth microbiome: link between carbon turnover and nutrient cycling*. *Microbial Ecology*.

Mohammad Ghashghavi, **Eric R. Hester**, Viktoria Oliver, Claudia Luke, Mike S.M. Jetten, Sebastian Lucker. (in prep). Comparison of the bacterial and methanotrophic diversities between an Italian paddy field and its neighboring meadow. *BioRxiv*: <https://doi.org/10.1101/535229>

Eric R. Hester. (2018). *How a System of Checks on Symbiosis Could Become Disastrous*. *BioEssays*. doi: 10.1002/bies.201800106

Eric R. Hester, Sarah Faye Harpenslager, Josepha MH van Diggelen, Leon L Lamers, Mike SM Jetten, Claudia Luke, Sebastian Lucker, Cornelia U Welte (2018) *Linking nitrogen load to the structure and function of wetland soil and rhizosphere microbial communities*. *mSystems*. 10.1128/mSystems.00214-17

Knowles B, Silveira CB, Bailey BA, Barott K, Cantu A, Cobian-Guemes AG, Coutinho FH, Dinsdale E, Felts B, Furby KA, George EE, Green KT, Gregoracci G, Haas AF, Haggerty JM, **Hester ER**, Hisakawa NG, Kelly LW, Lim YW, Little M, Luque A, McDole-Somera T, McNair K, Quistad SD, Robinett NL, Sala E, Salamon P, Sanchez SE, Sandin S, Silva GGZ, Smith J, Sullivan C, Thompson C, Verij MJA, Youle M, Young C, Zgliczynski B, Brainard R, Edwards RA, Nulton J, Thompson F, Rohwer F. (2016). *Lytic to Temperate Switching of Viral Communities*. Nature. doi:10.1038/nature17193

Eric R. Hester, Katie L. Barott, Jim Nulton, Mark JA Vermeij, and Forest L. Rohwer. (2015). *Stable and sporadic symbiotic communities of coral and algal holobionts*. The ISME journal. 10.1038/ismej.2015.190

Hisakawa N, Quistad SD, **Hester ER**, Martynova D, Maughan H, Sala E, Gavrilo MV, Rohwer F. (2015) *Metagenomic and satellite analyses of red snow in the Russian Arctic*. PeerJ 3:e1491 <https://doi.org/10.7717/peerj.1491>

PRESENTATIONS/MEETINGS

Koninklijke Nederlandse Vereniging voor Microbiologie. Arnhem, NL. 2019. Talk.
International Society for Microbial Ecology. Leipzig, GER. 2018. Poster.
Koninklijke Nederlandse Vereniging voor Microbiologie. Arnhem, NL. 2018. Talk.
Koninklijke Nederlandse Vereniging voor Microbiologie. Arnhem, NL. 2017. Talk.
Institute for Water and Wetland Research symposium. Nijmegen, NL. 2016. Poster.
Koninklijke Nederlandse Vereniging voor Microbiologie. Arnhem, NL. 2016. Poster.
Institute for Water and Wetland Research symposium. Nijmegen, NL. 2015. Poster.
Student Research Symposium. San Diego, CA. 2015. Talk.
Student Research Symposium. San Diego, CA. 2014. Poster.
Coastal and Estuarine Research Federation. San Diego, CA. 2013. Poster.
Benthic Ecology Meeting 2013. Savannah, GA. 2013. Talk.
Student Research Symposium. San Diego, CA. 2013. Poster.
Student Research Symposium. San Luis Obispo, CA. 2011. Poster.

MENTORING

Master Students

Mirna Sekulic (2019), Owen Johnson (2018), Ruud Rijkers (2016)

Bachelor Students

Michiel van den Heuvel (2017)

FIELD EXPERIENCE

2015 – The Netherlands

2013 – Hawaii

2013 – Indonesia

ACADEMIC SERVICE

Journal Review: Frontiers, Molecular Ecology, BioEssays

OUTREACH AND VOLUNTEER EXPERIENCE

Pint of Science city coordinator for Nijmegen (2018 – present)

Netherlands Metagenomics Platform. Organizational Committee (2017-present)

IWWR Symposia Organizational. Committee (2015-2019)
KNVM Microbiology Ecology. Organizational Committee (2016)
San Diego Coral Club. Member
San Diego Microbiology Group. Member
Greater San Diego Science and Engineering Fair. Judge (2012-2015)

References upon request.
PDFs of manuscript available upon request.

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