

Former Members
LUTGARDE RASKIN

Altarum/ERIM Russell O'Neal Professor of Engineering
Department of Civil and Environmental Engineering
University of Michigan

Ph.D. Students Graduated

<i>Name</i>	<i>Work Period</i>	<i>Dissertation Title</i>	<i>Placement</i>
Caroline Van Steendam (co-advised with S. Skerlos and I. Smets)	08/14-08/19	Advancing Anaerobic Membrane Bioreactors for Low Temperature Domestic Wastewater Treatment	Postdoctoral Fellow, University of Michigan
Nadine Kotlarz (co-advised with J. LiPuma)	05/13-05/17	Factors of Full-Scale Drinking Water Treatment that Contribute to Risk of Opportunistic Infectious Disease	Postdoctoral Fellow, North Carolina State University
Xunchang Fei (co-advised with D. Zekkos)	01/11-01/16	Experimental assessment of coupled physical-biochemical-mechanical-hydraulic processes of municipal solid waste undergoing biodegradation	Assistant Professor, Nanyang Technological University, Singapore
Tara Webster (formerly Clancy) (co-advised with K. Hayes)	09/09-01/15	Biogeochemical evaluation of disposal options for arsenic-bearing wastes generated during drinking water treatment	Postdoctoral Fellow, University of Colorado, Boulder
Adam Smith (co-advised with S. Skerlos)	06/09-08/14	Treatment of domestic wastewater with anaerobic membrane bioreactors	Assistant Professor, Astani Department of Civil and Environmental Engineering University of Southern California
Monisha Brown (co-advised with J. Diana)	01/08 – 05/13	Microbial Resource Management in Indoor Recirculating Shrimp Aquaculture Systems	Engineering Associate at Sanitation Districts of Los Angeles County
Giridhar Upadhyaya (co-advised with K. Hayes)	08/06-09/10	Biologically-mediated, Simultaneous Removal of Nitrate and Arsenic from Drinking Water Sources	Research Engineer, Carollo Engineers, Inc., Orange County, CA
Dongjuan Dai (co-advised with C. Xi)	07/05-09/10	Development of mixed-species biofilms and genetic mechanisms of species interactions in biofilms	Research Scientist, Dept. of CEE, Virginia Tech
David Berry (co-advised with C. Xi)	06/07-08/09	Molecular and Ecological Mechanisms of Bacterial Response to the Drinking Water Disinfectant Monochloramine	Associate Professor, Dept. of Microbial Ecology, University of Vienna
Xu Li (co-advised with E. Morgenroth)	08/03-09/08	Biological Treatment of Perchlorate and Nitrate Contaminated Drinking Water – Optimization of System Performance Using Microbial Community Characterization	Associate Professor, University of Nebraska-Lincoln, Lincoln, NE
Sudini Padmasiri (co-advised with E. Morgenroth)	08/03-09/07	Effect of high shear on anaerobic digestion in an anaerobic membrane bioreactor (ANMBR) treating high strength wastewater	Technologist, Shell Projects and Technology, Utilities and Heat Transfer Group, Shell Oil Company, Houston, TX
Toshio Shimada-Beltran (co-advised with J. Zilles and E. Morgenroth)	08/02-05/07	Effects of macrolide antimicrobials on anaerobic treatment systems	Research Engineer, Carollo Engineers, Dallas, TX
Zhi Zhou (co-advised with J. Zilles)	08/02-05/07	Evaluation of macrolide-lincosamide-streptogramin B (MLS _B) antimicrobial resistance at swine farms	Assistant Professor of Civil Eng. and Environmental and Ecological Eng, Purdue Univ.
Young Chul Choi (co-advised with E. Morgenroth)	08/01-12/05	Biological perchlorate removal from drinking water	Director of Water Technology Energy Technology Division RTI International, Research Triangle Park, NC
Dominic Frigon	01/99-12/04	Mechanism explaining seasonal biological foaming in activated sludge wastewater treatment systems: foam-causing bacteria specialize in consuming lipids	Associate Professor, McGill University, Montreal, Quebec
Daniel Oerther	08/98-06/02	Using molecular signature methods to measure the in situ physiology of <i>Acinetobacter</i> spp. in	Professor, John A. and Susan Mathes Chair of

		enhanced biological phosphorus removal activated sludge wastewater treatment	Environmental Engineering, Missouri University of Science and Technology, Rolla, MO
Jess Brown (co-advised with V. Snoeyink)	01/99-01/02	Abiotic and biotic perchlorate removal in an activated carbon filter	Vice President, R&D Practice Director, Carollo Engineers, Inc., Orange County, CA
Francis de los Reyes	08/94-12/99	Filamentous foaming in activated sludge systems: A study combining molecular and engineering approaches	Professor, Dept. of Civil, Construction, and Environmental Engineering, North Carolina State University, Raleigh, NC
Dandan Zheng	08/95-03/99	Evaluation of granulation processes in upflow anaerobic sludge blanket reactors using oligonucleotide probe hybridizations	Director, Quality Operation, Grifols, Los Angeles, CA

M.S. Students Graduated (With Thesis)

Name	Work Period	Thesis Title	Placement
Petia Tontcheva (co-advised with E. Morgenroth)	08/05-08/07	Organic and inorganic membrane fouling mechanisms in anaerobic membrane bioreactors	Senior Chemist, Nalco Water, Naperville, Illinois
Shubhra Jain	08/04-10/06	Filamentous foaming in activated sludge systems	Independent Consultant, New Delhi, India
Jiangzhao "Amily" Zhang (co-advised with E. Morgenroth)	08/02-05/05	Effect of shear on membrane fouling in anaerobic membrane bioreactors treating swine waste	Project Engineer, Gannett Fleming, Woodbury, New York
Nicole Monteith (co-advised with E. Morgenroth)	08/02-07/04	Effect of erythromycin on nitrification	
Ning Tong (co-advised with B. Marinas)	08/01-08/03	Adaptive response in <i>Mycobacterium avium</i> when exposed to monochloramine	Environmental Restoration Department, Battelle, Columbus, OH
Sudini Padmasiri	08/01-08/03	Microbial community characterization of biological hydrogen removal systems	Technologist, Shell Projects and Technology, Utilities and Heat Transfer Group, Shell Oil Company, Houston, TX
Richard Lin (co-advised with E. Morgenroth)	07/01-08/03	Bacterial Community Analysis and Optimization of Biologically Active Carbon Filters Used to Remove Perchlorate from Groundwater	Montgomery, Watson, Herza, Walnut Creek, CA
Adam Klein	08/01-07/03	Using Molecular Techniques to Assess the Role of Novel Organisms in Biological Foaming at Wastewater Treatment Plants	Brown and Caldwell, Seattle, WA
Becky Luna (formerly Daugherty)	08/00-08/02	Anaerobic treatment of high sulfate waste streams to allow for the subsequent recovery of sulfur	Vice President, Carollo Engineers, Denver, CO
Archana Jindal	08/00-08/02	Antimicrobial Resistance in Swine Waste Treatment Processes	Carollo Engineers, Santa Ana, CA
Eva Arnaiz	02/00-09/00	Foaming potential of <i>Gordonia amarae</i> grown under different conditions. Is foaming linked to cell wall hydrophobicity?	Infilco, Madrid, Spain
Sandra Loor-Vela	08/98-08/00	Anaerobic dissipation of 14C-acetochlor in flooded soil microcosms	Executive Director CECIA (NGO), Quito, ECUADOR
Peter Stroot	08/94-07/99	Anaerobic co-digestion of municipal solid waste and biosolids under various mixing conditions	Managing Member at HemaGnosis, Spokane, WA
Daniel Oerther	08/95-08/98	Application of molecular tools for the analysis of biological foaming in activated sludge	Professor, Missouri University of Science and Technology, Rolla, MO
James Danalewich	01/96-07/98	Biological nutrient removal from domestic and milk processing wastewaters	Malcolm Pirnie Inc., White Plains, NY
Katherine McMahon (formerly Sauer)	08/95-10/97	Syntrophic and methanogenic population dynamics during the anaerobic codigestion of municipal solid waste and sewage sludge	Professor, University of Wisconsin, Madison
Ma. Fiorella de los Reyes	08/95-08/97	Detection and quantification of <i>Gordonia amarae</i> strains in foaming activated sludge systems using a phylogenetic approach	Manila Water Company, Balara, Quezon City, Philippines
Ebru Dulekgurgen	01/95-02/97	Microbial population dynamics in sequencing batch reactors for biological phosphorus removal using	Assistant Professor, Istanbul Technical University,

Theodore Papagiannis	01/95-08/96	ribosomal RNA sequence analyses and oligonucleotide probe hybridizations Biological nutrient removal from dairy processing wastewater	Environmental Engineering Department, Istanbul-Turkey Attorney, Knobbe Martens Olson & Bear LLP, Irvine, CA
Evanthia Tor (formely Malkos)	01/94-01/96	Bioremediation of naphtalene in soils of varying textures, nutrient concentrations, and hydrocarbon content	Massachusetts Department of Environmental Protection, Springfield, MA
Dandan Zheng	08/93-08/95	Characterization of microbial communities in anaerobic bioreactors using oligonucleotide probe hybridizations	Director, Quality operation at Grifols, Los Angeles, CA
Matthew Griffin	01/94-08/95	Use of molecular tools to enhance the evaluation of anaerobic co-digestion of the organic fraction of municipal solid waste and sewage sludge	Environmental Engineer, General Motors, MI

Additional M.S. Students Graduated (Non-Thesis Research)

<i>Name</i>	<i>Work Period</i>	<i>Placement</i>
Meghna Prasad	09/18-05/19	Staff Professional, Carollo Engineers, Inc., West Palm Beach, Florida (Optimizing Filter Operation in an Ozone-Biofiltration Plant to Reduce Selection for Opportunistic Pathogens in Drinking Water Production)
Freddy Ordonez	09/17-05/19	Field Engineer, Chevron, TX (Anaerobic MBR)
Brittany Colcord	09/17-12/18	Field Engineer, Chevron, TX (Medium-chain fatty acid production during anaerobic treatment of waste streams)
Grace van Velden (MPH)	01/16-05/17	Admitted to MSE-PhD Bridge program in Environmental Engineering, Univ. of Michigan (Sustainability of arsenic removal processes in Bangladesh)
Grace Rodriguez (co-advised with K. Hayes and A. Agrawal; dual degree)	01/16-05/17	Consultant, Ramboll, Ann Arbor, MI (Sustainability of arsenic removal processes in Bangladesh)
Cindy Yao (co-advised with J. Diana; dual degree)	09/15-08/18	Energy Analyst, Bright Power, Inc., New York, NY (Recirculating shrimp aquaculture)
James Yonts	01/16-12/16	Tetrattech, Lansing, MI (Monitoring of corrosion and opportunistic bacterial pathogens in potable hot water pipe loop)
Nigel Beaton (co-advised with N. Love)	09/14-09/15	Staff Professional, Carollo Engineers, Inc., Portland, OR 97205 (Anaerobic Membrane Bioreactor Pilot-Scale System - worked through Jan. 2016)
Sean Murphy	09/14-12/15	City of Rockville, Department of Public Works (Waste Activated Sludge Anaerobic Contactor (WASAC))
Ben Kunstman (dual degree)	01/15-05/16	Staff Engineer, Environmental Integrity Project, Washington, DC, (Anaerobic digestion of lignocellulosics, research 01/15-08/15)
Pedro Puente	09/13-05/15	Lecturer, Universidad de las Fuerzas Armadas ESPE. Sede Santo Domingo, Ecuador (Treatment of domestic wastewater with anaerobic membrane bioreactors) - pdpuente@espe.edu.ec
Raghav Reddy (PhD track)	09/13-05/15	PhD student UM (Stability of arsenic solids produced during arsenic removal from drinking water sources)
Anton Dapcic (co-advised with N. Love)	03/13-12/14	Environmental Engineer, Carollo Engineers, Dallas (Waste Activated Sludge Anaerobic Contactor (WASAC))
Elizabeth Grobbel	09/13-12/14	Residency in Social Enterprise Fellow, New Sector Alliance, Boston, MA (Sustainable Aquaculture)
Ana Estrella You (research, co-advised with K. Hayes)	09/12-05/14	Operations Assistant, Industrial Area, GRUNTEC Environmental Services, Ecuador (Chromium monitoring in drinking water treatment plants)
Mark Poll	05/10-05/13	Product Environmental Engineer at Ford Motor Company, Detroit area, Biologically mediated removal of arsenic, nitrate, and uranium (research spring/summer 2010),
Ashley Hammerbeck	09/11-05/13	Process Engineer, Donohue & Associates, Inc., St. Louis Park, MN (Anaerobic membrane bioreactors for domestic wastewater treatment)
Kathryn Vanderweele Snyder (research, co-advised with K. Hayes)	09/12-05/13	Hazen and Saywer, Coral Gables, Florida (Arsenic removal from drinking water sources)
Nadine Kotlarz (PhD track)	09/11-05/13	Postdoctoral Fellow, Univ. of Michigan (Biological nitrate and perchlorate removal from drinking water using various electron donors)
Tzu-Hsin Cindy Chiao	09/09-05/12	Dual degree MSE and MS in Sustainable Systems Engineering (Disinfection strategies for mixed microbial communities in drinking water systems), Water Resources Analyst, Otak, Seattle area
Andrea Trese	09/11-05/12	Associate Engineer at EOA, Inc., San Francisco Bay area (Monitoring drinking water distribution systems)

Alyssa Mayer (formerly Jenkins)	09/10-12/11	Assistant Engineer, Hazen and Sawyer, Cincinnati, OH (Biological removal of arsenic and nitrate from drinking water)
Adam Smith (PhD track - co-advised with S. Skerlos)	06/09-05/11	Assistant Professor, Astani Department of Civil and Environmental Engineering, University of Southern California (Anaerobic membrane bioreactors)
Andrew Colby	07/09-12/10	Civil Engineer IV, Tetra Tech, Pittsburgh, PA (sustainable aquaculture and stress in nitrification systems)
Tara Webster (formerly Clancy) (PhD track – co-advised with K. Hayes)	09/09-12/10	Postdoctoral Associate, Soil and Crop Sciences, Cornell University (Role of sulfate-reducing microbes in biologically mediated removal of arsenic from drinking water)
Jeff Jackson	09/08-05/10	Senior Engineer, Brown and Caldwell, Denver, CO (Biological removal of arsenic and nitrate from drinking water)
Tanna Borrell (co-advised with S. Skerlos)	05/06 – 08/09	Writer, homemaker (use of anaerobic membrane bioreactor for municipal wastewater treatment)
Lynn Williams	09/07-05/09	Brown and Caldwell, Seattle, WA (disinfection of drinking water treated by biofiltration)
Chikako Donahue	09/06-12/08	Stay at home mother
Rohit Warriar	09/07-12/08	Staff Scientist at Geosyntec Consultants, Raleigh, NC
Wangki Yuen	09/07-06/08	PhD Candidate, Dept. of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign (Microbial community characterization of drinking water treatment Systems)
Monisha Brown (PhD track)	09/06 – 12/07	Engineering Associate at Sanitation Districts of Los Angeles County (Sustainable aquaculture)
Tara Jackson	09/05 – 12/07	Chevron, Houston, TX (Quantification of microbial populations in anaerobic membrane bioreactors using a phylogenetic microarray method)
David Berry (PhD track)	09/05 – 05/07	Associate Professor, Dept. of Microbial Ecology, University of Vienna
Gregg Thompson	08/97-12/98	CH2M-Hill, Corvallis, OR
Florencio Ballesteros	08/96-12/97	Instructor, University of the Philippines, Diliman, Quezon City, Philippines
Eric Leveque	08/95-01/97	Carollo Engineers, Las Vegas, NV
Jose Barrios-Perez	08/94-08/96	Ph.D. 2003, Asesor del C. Secretario, Secretaria del Medio Ambiente y Recursos Naturales, México, D.F., Mexico
David Schumacher	08/94-08/96	check
Pavitra Misra	08/93-01/96	NTH Consultants, Lansing, MI
C. Eliana Brown	01/94-01/96	Illinois EPA, Champaign, IL
Jeffrey Ralson	08/93-10/95	O'Brien & Gere Engineers, Inc., Novi, MI
Tetsuo Wada	08/93-08/95	Nihon Suido Consultants Co., Ltd., Tokyo, Japan
Carlos Chavez-Gomez	08/93-05/95	Black & Veach, Phoenix, AZ
Louis le Roux	08/93-12/94	President, BioAir Solutions, LLC, Voorhees, NJ

High School Students Hosted

<i>Name</i>	<i>Work Period</i>	<i>Research Topic</i>	<i>Current Position</i>
Sahithi Pingali	06/17-07/17	Arsenic monitoring in drinking water sources in rural areas in Bangladesh	Student, Stanford Univ.
Jonathan Ni	08/15-07/16	Fate of microplastics in wastewater treatment plants	Student, Univ. of Pennsylvania
Yara El-Tawil	07/14-08/14	Bacteria in drinking water distribution systems and premise plumbing	Student, Univ. of Michigan

Visiting Scholars Hosted

<i>Name (University)</i>	<i>Work Period</i>	<i>Research Topic</i>	<i>Current Position</i>
Adelaide Nieguitsila	9/2018-02/2019	Detection of parasites and protozoa in drinking water	Assistant Professor, Masuku University of Science and Technology, Gabon, UMAPS Scholar
Tjok Meuwissen (co-advised with I. Smets, KU Leuven)	7/2018-12/2018	Anaerobic digestion of urban organic waste streams	MS student, KU Leuven, Belgium
Maxim Muermans (co-advised with I. Smets, KU Leuven)	7/2018-10/2018	Extraction of medium-chain fatty acids produced during anaerobic treatment of waste streams	MS student, KU Leuven, Belgium
Gislhain Djessi Tchouty	10/2017-07/2018	Anaerobic digestion of urban organic waste streams	Masuku University of Science and Technology, Gabon

Nuria Zamorano Lopez	08/2017-02/2018	Microbial community characterization in anaerobic digesters	PhD student, Universitat de Valencia, Spain
Maja Nielsen	09/16-03/17	Anaerobic digestion	PhD student Aarhus University, Denmark
Julie Fichet (co-advised with I. Smets, KU Leuven)	07/16-10/16	Anaerobic MBR	MS student, KU Leuven, Belgium
Xavier Fonoll Almansa (University of Barcelona)	05/14-04/15	Anaerobic digestion of lignocellulosics	Postdoc University of Michigan
Shilva Shresthra (University of Hawaii)	05/14-12/14	Anaerobic digestion of lignocellulosics	PhD student University of Michigan
Christian Koch (University of Aachen)	04/14-07/14	Treatment of domestic wastewater with anaerobic membrane bioreactors	MS student ETH Zurich
Jinju Geng (Nanjing University)	04/13-04/14	Chromium removal from drinking water	Associate Professor, School of the Environment, Nanjing University, China
S. Udin (AAN, Bangladesh)	02/14	Stability of arsenic solids	Asia Arsenic Network, Bangladesh
A. Shamim Khan (AAN, Bangladesh)	02/14	Stability of arsenic solids	Asia Arsenic Network, Bangladesh
David Miklos (Technical Univ. of Berlin)	05/13-08/13	Stability of arsenic solids	MS student, Technical University of Berlin
Roya Giti Afrooz (Univ. of Toronto)	01/07-12/10	Anaerobic benzene degradation	Dept. of Chemical Engineering, Univ. of Akron
Dr. Pranab Ghosh (IIT Guwahati, India)	06/09-06/10	Biologically mediated removal of uranium from drinking water	Assistant Professor, Indian Institute of Technology Guwahati, India
Dermot Hughes (National University of Ireland, Galway, Ireland)	06/08-09/08	Anaerobic membrane bioreactors	Ph.D. Student, NUI
Ebru Dulekgurgen (Istanbul Technical University, Turkey) (co-advised with E. Morgenroth)	02/04-07/04	Granulation in sequencing batch reactors for enhanced biological phosphorus removal	Assistant Professor, Istanbul Technical University, Environmental Engineering Department, Istanbul-Turkey
Ku Yong Kim (KAIST, Korea)	03/04-02/05	Biological hydrogen production	Ph.D. Student, KAIST, Korea
Dr. Mark Fitch (University of Missouri at Rola)	08/03-05/04	Anaerobic membrane bioreactors	Associate Professor, Univ. of Missouri at Rola
N. Amin (Isfahan, Iran) (co-advised with E. Morgenroth)	08/03-01/04	Effect of erythromycin on anaerobic treatment of pharmaceutical wastewater	Ph.D. student, Isfahan, Iran
Dr. Usha George (Tocklai Experimental Station, India)	01/99-06/99	Molecular microbial ecology of anaerobic bioreactors	Tocklai Experimental Station, India
Kaare Hansen (Technical University of Denmark)	08/96-12/96	Oligonucleotide probes for <i>Syntrophomonadaceae</i> to characterize anaerobic bioreactors	Novo Nordisk, Denmark
Dagmar Rothauszky (Technical University of Braunschweig, Germany)	01/96-05/96	Oligonucleotide probes for <i>Microthrix parvicella</i> to characterize foaming in activated sludge	Evotec Corp., Hamburg, Germany
Wolfgang Ritter (Technical University of Munich, Germany)	01/95-08/95	Oligonucleotide probes for mycolic acid containing actinomycetes to characterize foaming in activated sludge	Medical School, Germany

Post-Doctoral Researchers Supervised

Name	Work Period	Research Topic	Placement
Xavier Fonoll Almansa	01/16-10/19	Anaerobic digestion of lignocellulosics and other biomass streams	Great Lakes Water Authority
Yun Shen	09/16-01/19	Opportunistic bacterial pathogens in drinking water aerosols	Research Assistant Professor, George Washington University

Sarah-Jane Haig	10/14-08/18	Linkages between drinking water and human microbiomes	Assistant Professor, University of Pittsburgh
Gamze Gulez	05/13-07/13	Linkages between drinking water and human microbiomes	Postdoctoral Researcher École polytechnique fédérale de Lausanne (EPFL), Switzerland
Ling Cao	01/12 – 07/13	Life cycle assessment (LCA) of aquaculture systems	Assistant Professor, Shanghai Jiaotong University
Ameet Pinto	08/09 -06/12	Microbial community analyses of drinking water treatment plants	Assistant Professor, Northeastern University
Giridhar Upahyaya	09/10 -08/12	Microbiologically mediated removal of multiple contaminants from drinking water	Research Engineer, Carollo Engineers, Sarasota, FL
Wendell Khunjar (co-advised with N. Love)	12/09 -09/10	Structural Diversity and Functional Resilience to Stress in Ammonia Oxidizers	Research Engineer, Hazen and Sawyer P.C., Fairfax, VA
Diane Holder	12/05 -01/09	Biofilms in drinking water distribution systems	Researcher USDA
Aurelio Briones	06/02-12/08	Anaerobic biological treatment of high sulfate waste streams – microbial ecology of rice paddies – Sustainable aquaculture	Assistant Professor, University of Idaho
Chuanwu Xi	01/11/01-08/04	Use of molecular beacons in microfluidic devices – biological perchlorate removal from drinking water	Associate Professor, University of Michigan
Jennifer Crawford Simmons	01/97-01/04	Herbicide fate in anaerobic soils – Biological hydrogen production	High school science teacher, Champaign, IL
Largus Angenent	08/98-12/00	Biological treatment of animal waste	Humboldt Professor, University of Tübingen, Germany
Krassimira Hristova	1/98-12/99	Development of solution based hybridization techniques	Assistant Professor, Marquette University, Milwaukee, WI
Margit Mau	11/97-06/99	Development of solution based hybridization techniques	Assistant Professor, Bergakademie Freiberg, Germany
Elizabeth Wheeler-Alm	08/94-06/96	Molecular microbial ecology in soil environments	Professor, Central Michigan University

M.S. Students Supervised at Present

<i>Name</i>	<i>Work Period</i>	<i>Research Topic</i>
Jeremy Nyitrai	09/19-present	Anaerobic co-digestion of organic waste streams
Kirk Olson	09/19-present	Opportunistic pathogens in drinking water systems
Sonja Gagen (co-advised with S. Skerlos)	08/18 -present	Modeling of anaerobic membrane bioreactors
Siqi Xue	09/18-present	Medium-chain fatty acid production during anaerobic treatment of waste streams
Tim Fairley (co-advised with S. Skerlos)	09/16-12/17	Anaerobic MBR (continued as research assistant)

Ph.D. Students Supervised at Present

<i>Name</i>	<i>Work Period</i>	<i>Research Topic</i>
Dianna Kitt	08/19 -present	Medium-chain fatty acid production during anaerobic treatment of waste streams
Katherine Dowdell (co-advised with J. LiPuma)	08/17 -present	Opportunistic pathogens in drinking water systems
Matthew Vedrin (co-advised with R. Hardin)	01/17 -present	WASH in Gabon
Shilva Shrestha	09/16 -present	Medium-chain fatty acid production during anaerobic treatment of waste streams
Raghav Reddy (co-advised with A. Agrawal)	01/16 -present	Sustainability of arsenic removal processes in Bangladesh
Nicole Rockey (co-advised with K. Wigginton)	07/15 -present	Monitoring of corrosion and opportunistic bacterial pathogens in potable hot water pipe loop/Norovirus monitoring

Emily Crossette (co-advised with K. Wigginton) 07/15 -present Antibiotic resistance in anaerobic treatment processes

Post-Doctoral Researchers Supervised at Present

<i>Name</i>	<i>Work Period</i>	<i>Research Topic</i>
Caroline Van Steendam	10/19-present	Characterization and contamination testing of source separated organic feedstocks and slurries for co-digestion at resource recovery facilities
Sarah Potgieter	07/19-present	Near-real-time monitoring of opportunistic pathogens in drinking water systems
Melina Bautista (co-advised with T. Olson)	09/17-present	Optimizing filter operation in an ozone-biofiltration plant to reduce selection for opportunistic pathogens in drinking water production

Visiting Scholars Hosted at Present

<i>Name (University)</i>	<i>Work Period</i>	<i>Research Topic</i>
Caro Truyers (co-advised with I. Smets, KU Leuven)	7/19-present	Extraction of medium-chain fatty acids produced during anaerobic treatment of waste streams