

## "A Dip in the Water": Healthy Urban Water Symposium on May 20

| Presenter   | Department/Organization  | Topic   | Emails   |
|---|--|---|--|
| Dr. Jeff Ram  | Professor of Physiology at Wayne State University School of Medicine and Director of the Belle Isle Aquarium Heart Lab Station   | Diversity and Dynamics of Beach Bacteria<br>Flood Mitigation through Green  | <a href="mailto:jeffram@gmail.com">jeffram@gmail.com</a>   |
| Jamie Steis Thorsby                                       | Program Coordinator with Healthy Urban Waters  | Stormwater Infrastructure<br>Preliminary Assessment of Watershed  | <a href="mailto:jamie.steis@wayne.edu">jamie.steis@wayne.edu</a>   |
| John Barkach  | PhD Student in Civil and Environmental Engineering Engineering at Wayne State University   | Sediment Delivery to 30 USACE Harbors Located in Michigan   | <a href="mailto:jbarkach@glec.com">jbarkach@glec.com</a>   |
| Zoha Siddiqua   | Student in Pharmacy & Health Science at Wayne State University, T-RUST Student   | Evaluating the 'Estrogenicity' of Detroit Waters Using Aquatic Animal Bioassays   | <a href="mailto:gh5335@wayne.edu">gh5335@wayne.edu</a>   |
| Ryan Graydon  | Ohio Sea Grant Fellow at the International Joint Commission's Great Lakes Regional Office  | Microplastics in the Great Lakes  | <a href="mailto:graydonr@windsor.ijc.org">graydonr@windsor.ijc.org</a>   |
| Dr. Peter Hammer  | Director of the Damon J. Keith Center for Civil and Environmental Engineering Rights, Professor of Law, A. Alfred Taubman Endowed Chair at Wayne State University                                | Water Shutoffs and Failed Infrastructure as Archaeological Evidence of Spatial-Structural Racism in Detroit                   | <a href="mailto:peter.hammer@wayne.edu">peter.hammer@wayne.edu</a>   |
| Sadaf Teimoori  | Graduate Student in Civil and Environmental Engineering Engineering at Wayne State University  | Constructing a Groundwater Model for Environmental Simulation in Detroit Region   | <a href="mailto:sadaf.teimoori@wayne.edu">sadaf.teimoori@wayne.edu</a>   |
| Dr. Yongli Zhang  | Assistant Professor of Civil and Environmental Engineering and Environmental Engineering   | Understanding and Managing Microplastic Pollution   | <a href="mailto:zhangyl@wayne.edu">zhangyl@wayne.edu</a>   |
| Dr. Tracie Baker  | Director of the Baker Water Lab in the Institute of Environmental Health Sciences at Wayne State University and Assistant Professor of Pharmacology at Wayne State University School of Medicine | Environmental Contaminants in Detroit Waterbodies: Effects on Zebrafish   | <a href="mailto:tracie.baker@wayne.edu">tracie.baker@wayne.edu</a>   |
| Dr. Marcus Zervos   | Assistant Dean of Gibal Affairs, Professor of Medicine at the Wayne State University School of Medicine, and Division Head of Infectious Diseases at the Henry Ford Health System                | One World One Fight, Antimicrobial Resistance, the Role of the Environment  | <a href="mailto:MZERVO1@hfhs.org">MZERVO1@hfhs.org</a>   |
| Balvinder Sehgal  | Manager of Special Projects at Great Lakes Water Authority   | Great Lakes Water Authority + Wayne State University collaboration  | <a href="mailto:Balvinder.Sehgal@glwater.org">Balvinder.Sehgal@glwater.org</a>   |
| Dr. Shawn McElmurry                                       | Associate Professor of Civil and Environmental Engineering Engineering at Wayne State University   | WHIRL - Water and Health Infrastructure Resilience and Learning   | <a href="mailto:s.mcelmurry@wayne.edu">s.mcelmurry@wayne.edu</a>   |
| Dr. Mala Hettiarachchi and Dr. Rodrigo Fernandez-Valdivia | Adjunct Professor of Civil and Environmental Engineering Engineering   | PFAS Destruction Technologies: Health Impact  | <a href="mailto:malagm@gmail.com">malagm@gmail.com</a> ;<br><a href="mailto:rcfernan@med.wayne.edu">rcfernan@med.wayne.edu</a> |
| Danielle Meyer  | PhD Student in Pharmacology at Wayne State University School of Medicine and Research Assistant with the Baker Water Lab   | Identifying the Ecological and Human Health Risks of Developmental and Chronic Exposure to Microplastics in a Zebrafish Model | <a href="mailto:et9988@wayne.edu">et9988@wayne.edu</a>   |
| Dr. Shirley Papuga  | Associate Professor of Geology at Wayne State University   | Ecohydrology in the City: Strategies for Understanding our Complex Urban Systems  | <a href="mailto:shirley.papuga@wayne.edu">shirley.papuga@wayne.edu</a>   |
| Brendan O'Leary   | PhD Student in Civil and Environmental Engineering Engineering at Wayne State University, T-RUST Student   | Recovery Park Groundwater   | <a href="mailto:brendanfoleary@gmail.com">brendanfoleary@gmail.com</a>   |
| Jamie Steis Thorsby                                       | Program Coordinator with Healthy Urban Waters  | Engaging Community Members through Water Education  | <a href="mailto:jamie.steis@wayne.edu">jamie.steis@wayne.edu</a>   |
| Amir Kamjou   | PhD Student in Civil and Environmental Engineering Engineering at Wayne State University   | Water/Energy/Emission Nexus   | <a href="mailto:fx3555@wayne.edu">fx3555@wayne.edu</a>   |
| Abby Wicks  | Graduate Student in Biological Sciences, Wayne State University  | Comparative Transcriptomics of Round Goby and Johnny Darter in Two Southeast Michigan Streams                                 | <a href="mailto:abby.wicks@wayne.edu">abby.wicks@wayne.edu</a>   |
| Dr. Marc Kruman   | Professor of History at Wayne State University and Director of the Center for the Study of Citizenship   | A People's History of the Flint Water Crisis  | <a href="mailto:m.kruman@wayne.edu">m.kruman@wayne.edu</a>   |
| Jamie Steis Thorsby                                       | Program Coordinator with Healthy Urban Waters  | Detroit Stormwater Hub: Detroit's Green Infrastructure Website  | <a href="mailto:jamie.steis@wayne.edu">jamie.steis@wayne.edu</a>   |
| Dr. Judy Westrick   | Director of the Lumigen Instrument Center at Wayne State University  | How Many Michigan Lakes Have Toxic Cyanobacteria Blooms?<br>Comparative Phenotypic and  | <a href="mailto:judy.westrick@wayne.edu">judy.westrick@wayne.edu</a>   |
| Camille Akemann   | PhD Student in Pharmacology at Wayne State University School of Medicine, Research Assistant with the Baker Water Lab, T-RUST Student  | Transcriptomic Responses to Multiple Endocrine Disrupting Chemicals in Zebrafish  | <a href="mailto:gj2263@wayne.edu">gj2263@wayne.edu</a>   |

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| Natalie Lyon          | Graduate Student in Urban Planning at Wayne State University, T-RUST Student  | Detroit Biodiversity Network and Community-Engaged Green Infrastructure at Wayne State University | <a href="mailto:natalie.lyon@wayne.edu">natalie.lyon@wayne.edu</a>  |
| Jeremy Shields        | Graduate Student in the Wayne State University School of Medicine and Research Assistant in Baker Water Lab<br>Director of the Baker Waer Lab in the Institute of Environmental Health Sciences at Wayne State University | Evaluation of the Biological Effects of Volatile Organic Chemical Exposure in Zebrafish           | <a href="mailto:JShields@wayne.edu">JShields@wayne.edu</a> ; <a href="mailto:tracie.baker@wayne.edu">tracie.baker@wayne.edu</a> |
| Tracie Baker          | Assistant Professor of Pharmacology at Wayne State University School of Medicine<br>Post-Doctoral Training Fellow with ReBuild Detroit and Director of the Lake St. Clair Metropark HEART Lab                             | What's in your Sewer?   | <a href="mailto:tracie.baker@wayne.edu">tracie.baker@wayne.edu</a>  |
| Dr. Adrian Vasquez    | Assistant Professor of Communications at Wayne State University   | Barcoding Begets Biodiversity: Tales from Belize to the Laurentian Great Lakes                    | <a href="mailto:avasque@med.wayne.edu">avasque@med.wayne.edu</a>  |
| Dr. Rahul Mitra       | Department of Communications at Wayne State University  | Stories of Water Access and Security in Detroit   | <a href="mailto:rahul.mitra@wayne.edu">rahul.mitra@wayne.edu</a>  |
| Sydney O'Shay-Wallace | University  | Boil Water Advisories and CDC Guidelines  | <a href="mailto:sydney.wallace@wayne.edu">sydney.wallace@wayne.edu</a>  |