

List of Autumn 2022 Senior Capstone Poster Presentations

Instructor: Dr. Matt Hamilton

Client: Sara Gallagher, service event coordinator, Friends of the Lower Olentangy Watershed

1. Improving water quality by addressing misuse of storm drains (I)
Presenters: Shanvanth Arnipalli, Aurora Ellis, Cassie Kneeland, Julia O'Donnell, and Prachi Patel
2. Improving water quality by addressing misuse of storm drains (II)
Presenters: Caitie Funk, Kira Jones, Alex Miu, Jeff Nogaj, Chelbeigh Route, and Justin Smith

Client: Leslie Strader, communications director, Genoa Township

3. Creating and building support for a vision for the Genoa Township Stream Restoration Project
Presenters: Jack Blattner, Ethan Hendershot, Corbin Hison, Cleo Hoang, and Kyle Houston

Client: Jen Dennison, wildlife education coordinator, Ohio Department of Natural Resources Division of Wildlife

4. Taking stock of Call Before you Cut
Presenters: Katey Broy, Ireland Connor, Sam Lorio, Robert Neuhauser, and Austin Ogarek

Client: Cotton Randall, private lands administration program manager, Ohio Department of Natural Resources

5. Broadening participation in WILD School Sites
Presenters: Clare Driscoll, Abby Esch, MJ Levin, Jamie Reed, Claire Robson, and Addie White

Featured Undergraduate Research

6. Mitigation of chronic disease with food and nutrition-based technologies
Presenter: Shanvanth Arnipalli

Instructor: Dr. Zachary Steffensmeier

Client: Scott Demyan, assistant professor in soil and environmental mineralogy, Ohio State University; and Dewey Mann, director, Waterman Agricultural and Natural Resources Laboratory

7. Invasive Honeysuckle Removal
Presenters: Aaron Freedman, Stephen Gerlach, Meera Nadathur, Hans Rudolph, and Alexandria Stewart

Client: Laura Fay, science committee chairwoman, Friends of the Lower Olentangy River; David White, Friends of the Lower Olentangy River; Jean Pitman, co-founder, Tree Love; Laura Bidwa, co-founder, Tree Love

8. Weinland Park: Urban Tree Canopy
Presenters: Etain Brunner, Loong Choi, Alexandra Haritos, Ainsley Lightcap, Alonzo Madaris, and William Novotny



Client: Laura Fay, science committee chairwoman, Friends of the Lower Olentangy River; Mike Shelton, associate director, Ohio State's Sustainability Institute; Andrew Neil, assistant director for sustainability, Ohio State's Facilities Operations and Development

9. Temporal differences within macroinvertebrate and darter populations in the Olentangy river
Presenters: Maddy Gackenbach, Jason Merkel, Molly Rambeau, Allison Schultz, Trevor Stotlar, and Rose Whalen

Client: Mike Shelton, associate director, Ohio State's Sustainability Institute; Andrew Neil, assistant director for sustainability, Ohio State's Facilities Operations and Development

10. Assessing Terrestrial Biodiversity on The Ohio State University Campus
Presenters: Natalie Cook, Preston Fisher, Keagan Gormley, Kelsey Sharp, and Mackenzie Shelton

Instructor: Dr. Greg Hitzhusen and Dr. Tim Jaquet

Client: Elizabeth Ellman, sustainability programs coordinator, City of Bexley

11. City of Bexley - Assessing Community Sustainability Objectives via Community Engagement
Presenters: Rhianna Bergman, Stevie Damon, Will Sullivan, and Braeden Whaley

Client: Ray Leard, chief composter, The Compost Exchange

12. Composting Recommendations for Central Ohio
Presenters: Nikki Dzurko, Grace Kleinhenz, Madeline Herman, and Michael Price

Client: Jeremy Brooks, associate professor, School of Environment and Natural Resources

13. Assessing Sustainable School Transportation Methods at Stevenson Elementary in Grandview Heights
Presenters: Austin Bryson, Emerson Gifford, and Natalie Ruth

Client: Cassidy Jenney, energy conservation and sustainability admin, Ohio Department of Rehabilitation and Correction

14. Introducing Sustainable Products into ORW's Commissary
Presenters: Lily Bucciarelli, Aabel Clinchot-Diaz, and Kenedy Witherow

Client: Sarah Moore, ESG director and sustainability strategy manager, Victoria's Secret

15. Reducing Victoria's Secret & Co. Scope 1 and 2 Emissions: A Peer Case Study
Presenters: Valerie Baker, Elizabeth Hopkins, Isabelle Rosenberg, Hannah Ruscin, and Jason Schorr