

UW-Whitewater Science Outreach
Monthly Report, Anna Courtier
April 2015

Monthly Goals:

The primary objectives for the outreach office for April 2015 focused on: 1) planning for the remaining sessions of the Delavan after-school program; 2) WITQ grant activities; and 3) hosting Earth Day and Children's Center events.

Accomplishments:

Events and Planning (Goals: Reach elementary, middle, and high school audiences)

- Delavan CLC – After school program (Elementary)
 - Curriculum planning with student assistant Rachel Terracina
 - Activity development, testing, and implementation
 - Continued programming for 3-5th graders
 - Last session was April 27, 2015
 - Invited back for next year, considering scheduling options and time commitment

- WI Stormwater Management (Elementary/Middle School)
 - Coordinating outreach for MSA Professional services on behalf of local municipalities in the Rock River basin
 - Implemented surface and ground water hands-on activities at elementary level (2nd/3rd grade, Earth Day)
 - Conference call with Becky Binz and Jason Valerius to discuss ideas for integrating quantitative components into watershed activities for middle schoolers

- WI Stormwater Management (Teachers)
 - Coordinating summer workshop for K-12 teachers with MSA Professional services
 - Funded by grant to MSA
 - Will meet July 14-15 at UWW
 - Made room reservations
 - Planning conversations with MSA and Linda Nortier
 - Workshop will be offered to teachers for 1 credit, if professional development credits are necessary (Courtier listed as instructor)

- Earth Day event (April 22, 2015 – Elementary)
 - Prepared and hosted elementary level activities for 115 elementary students
 - Walworth Elementary students joined larger group from LINCIS in Whitewater
 - Physics energy class (Ozgur Yavuzcetin and students) demonstrated a pedal generator developed by the class
 - 10 activity stations in addition to Birds of Prey demonstration (Wes Enterline), greenhouse tours, GIS tour, animal ecology demonstrations
 - Faculty demonstrations by George Clokey, Eric Compas, and Nic Tippery
 - ~25 undergraduate volunteers to help run activities

- 2015 Science Detectives Camp
 - Planning meeting with camp faculty
 - Compiling supply lists for activities
 - Finalized camp brochure and obtained permission from school districts to distribute flyers

- UWW Children’s Center Science Night (April 24)
 - Finalized activities with outreach assistant Allie Sheen
 - Purchased supplies for 5 senses themed activities
 - Wrote activity summaries and set up ten activities for kids ages 1-5 (plus older siblings)
 - Families picked up kids in Upham Hall instead of Roseman and attended activities with their kids

- Early Childhood environmental education
 - Outlined potential activities for 3-4 year olds for environmental awareness at early childhood centers
 - UWW Children’s Center expressed interest in collaborating once a week in the fall semester
 - New outreach assistant Jordann Hartzheim is working on developing and piloting activities

- Summer Library Programs – Science Activities
 - Continued planning for summer programs in Whitewater, Fort Atkinson, and Milton
 - Wrote activity summary for libraries to use in advertising their summer programming
 - Centered on reading program theme of “Every hero has a story”

- *Grant Efforts*
 - Wisconsin Improving Teacher Quality activities
 - Classroom observation at Turtle Creek Elementary School in Delavan
 - Focus on student engagement, use of science notebooks
 - ESL class sessions taught in English
 - WITQ Spring Workshop
 - Friday April 17 at Innovation Center
 - 35 4K-3/ESL teachers and 6 UWW faculty/staff attended
 - Facilitated teacher discussions on methods for integrating science into the curriculum (“science outside of science class”)
 - NSF-CSEDI
 - Computer/compiler updates with research student Brandon Behnke
 - Discussed summer internships with colleagues at Univ. Maryland
 - Offered summer internship to UWW student
 - Declined due to internship with Northwestern Mutual
 - Currently considering making a second offer

Service

- UW-W Ad hoc general education (Ellen Davis, Chair)
 - Continued email discussions on gen ed goals for lab science courses, impact on general education, and potential for a signature assignment
- Fort Atkinson Community Foundation
 - Served on science/engineering committee for high school scholarships

Teaching

- Geology 498: Independent Study
 - Supervising student Cynthia Gempeler (art major)
 - Project developed artwork and draft brochure for a self-guided tour of science across campus
- Geology 301: Environmental Geology
 - Developing lectures, case studies, and in-class activities
 - 24 students, Teaching MW 11-12:15p