1. **On-Campus Seminars**

**Environmental Engineering Seminars (Fall 2015)**
Mondays at 3:00 pm in GLRC 202

**Earth, Planetary, and Space Sciences Remote Sensing Seminars (Fall 2015)**
Mondays at 4:00 in M&M U113

**Monday, September 14, 2015**

Jeffrey L. Stith, PhD, Senior Scientist  
National Center for Atmospheric Research  
“**Observations of the Microscale Features of Thunderstorms and their Relationship to Lightning-produced NOx**”  
EPSSI Remote Sensing Seminar Series  
M&M U113  
4:00 pm

**Tuesday, September 15, 2015**

Nancy Langston (SS)  
"**Sustaining Lake Superior**"  
Lake Superior Futures Seminar Series  
Carnegie Museum, Houghton  
7:00 pm

**Monday, September 21, 2015**

Deepak R. Mishra, PhD, Associate Professor  
University of Georgia  
“**Remote Sensing of Water Resources: Successes and Challenges**”  
EPSSI Remote Sensing Seminar Series  
M&M U113  
4:00 pm
2. Conferences & Webinars

Wednesday, September 2, 2015

Great Lakes Stakeholder Webinars: Lakewide Management - Outreach and Engagement

Lake Michigan: September 9, 2015; 2:00 – 4:00 pm EDT
https://attendee.gotowebinar.com/register/5706603155711987713 Webinar ID: 120-762-251

Lake Ontario: September 11, 2015; 2:00 – 4:00 pm EDT
https://gts-ee.webex.com Meeting: 553 628 066

Lake Erie: September 15, 2015; 2:00 – 4:00 pm EDT
https://attendee.gotowebinar.com/register/247410276078704129 Webinar ID: 115-034-499

Sept – November 11, 2015

National Marine Protected Areas Center – Webinars
Sept. 10, 2015 Maps and Datasets for Blue Carbon Habitats
Oct. 8, 2015 Evaluating MPA Education Programs
Nov. 11, 2015 National Park Service Ocean Parks Centennial

Tuesday, September 15, 2015

Webinar: National Water Quality Monitoring Council
“Science Communication with Emphasis on Visual Science Communication Tools”
Caroline Donovan of the Integration and Application Network
2:00 pm EST

September 15, 2015 – Competition Deadline

NSF Visualization Challenge

Wednesday, September 16, 2015

Webinar: DEQ and The Recycling Partnership: Tools, Techniques, and Resources for Improving Curbside Recycling Collection
Michigan Dept of Environmental Quality
Register 10:00 -11:00 am EDT

September 18, 2015 – Call for Abstracts Deadline

9th annual Science, Practice & Art of Restoring Native Ecosystems Conference
Conference Dates: January 15th & 16th, 2016
Kellogg Conference Center on the campus of Michigan State University in East Lansing

Abstracts for Panel Discussions, Presentations, Roundtables, and Workshops are due by: Friday, September 18th, 2015
For more information, visit: www.stewardshipnetwork.org/submit-abstract

Abstracts for Posters and Student Posters are due by: Friday, November 20th
For more information, visit: www.stewardshipnetwork.org/submit-poster

September 23, 2015 - Call for Abstracts Deadline

2016 Ocean Sciences Meeting in New Orleans (Feb 21-26)
Session ID: 9565
Session Title: Comparing Physical Processes in Shallow Seas, Large Lakes, and Semi-Enclosed Basins
Session Topic: Physical Oceanography/Ocean Circulation

Thursday, September 24, 2015

John Harman, U.S. Environmental Protection Agency;
Donalea Dinsmore Wisconsin Department of Natural Resources;
Tom Bernthal, Wisconsin Department of Natural Resources
“Managing Wisconsin’s Plant List in SRS: So many names, so little time”
Interagency Ecological Restoration Quality Committee Webinar Series
To join: WebEx Webinar Link; Phone 800-782-1258, access code 1025910
11:00 am to 12:00 pm ET

Friday, September 25, 2015

Michigan Wetlands Association – Fall Meeting
Marquette, MI 9:00 am to 5:00 pm

September 29-October 1, 2015

11th Annual Great Lakes Restoration Conference
Healing Our Waters-Great Lakes Coalition
Chicago, Illinois

Upcoming CUAHSI Summer and Fall 2015 Trainings
September 28 – October 2, 2015
Direct-Push Methods for High-Resolution Characterization of Subsurface Properties: From Theory to the Field
University of Kansas, Lawrence, KS

October 20-24, 2015
The Role of Runoff and Erosion on Soil Carbon Stocks: From Soilscapes to Landscapes
Purdue University, West Lafayette, IN

Fall 2015 CUAHSI Cyberseminar Series
Host: Todd Caldwell, Bureau of Economic Geology, University of Texas
Title: “The Western US Drought on the Ground and from Space: Combining in situ and remotely sensed data to understand and mitigate drought”
Fridays at 3:00 pm ET
Speakers:
Oct 2: Steven Quiring, Texas A&M University
Oct 9: Bridget Scanlon, Bureau of Economic Geology, University of Texas-Austin
Oct 16: Justin Huntington, Desert Research Institute
Oct 23: Mark Svoboda, National Drought Mitigation Center, University of Nebraska-Lincoln
Oct 30: Narendra Das, NASA’s Jet Propulsion Lab

October 28-30, 2015

9th Biennial State of Lake Michigan and 15th Annual Great Lakes Beach Association Joint Conference
Grand Traverse Resort and Spa near Traverse City, Michigan


21st Annual Wetland Science Conference
Wisconsin Wetlands Association
Green Bay, WI
Call for Symposia deadline: September 30, 2015
Call for Presentations and Posters deadline: November 15, 2015

3. New Funding Opportunities

To submit research proposals through the Center for Water and Society, select ‘CWS’ for the Institute/Center for project drop box on the transmittal sheet. The transmittal sheet must then be signed by the CWS Director, Noel Urban, on page 4.

If Noel Urban is unavailable to sign transmittal sheets, Carol Asiala (GMES) can also sign for CWS.

Cooperative Ecosystem Studies Unit, Great Lakes Northern Forests CESU
Search Funding Opp#: G15AS00131
Department of the Interior, Geological Survey
Deadline: September 16, 2015

4. Open RFPs of ongoing interest to CWS

List of Funding Opportunities announced on an annual basis (CWS web page)

Broad Agency Announcement: Ocean Dynamics and Prediction Oceanography (73-13-01)
United States Department of Defense (DOD)
Department of the Navy
Naval Research Laboratory (NRL)

Great Lakes Restoration Initiative 2015
EPA
Invasive Species Prevention (EPA-R5-GL2015-ISP)
Invasive Species Control (EPA-R5-GL2015-ISC)
Urban Watershed Management Implementation (EPA-R5-GL2015-UWM)
Agricultural Watershed Management Implementation (EPA-R5-GL2015-AWM)
Maumee River Watershed Nutrient Prevention Pilot Project (EPA-R5-GL2015-MNP)
Deadline: September 28, 2015

Cooperative Landscape Conservation and Science Support
Search Funding Opp#: F15AS00000
Department of the Interior, Fish and Wildlife Service
Deadline: September 30, 2015

The Coastal Program
F15AS00005
Department of the Interior, Fish and Wildlife Service
Deadline: September 30, 2015

Coastal Program - Great Lakes Restoration Initiative (F15AS00096)
Department of the Interior
Fish and Wildlife Service
Deadline: September 30, 2015

The Partners for Fish and Wildlife Program
Search Funding Opp#: F15AS00004
Department of the Interior
Fish and Wildlife Service
Deadline: September 30, 2015

Fish and Wildlife Management Assistance
Search Funding Opp#: F15AS00013
Department of the Interior
Fish and Wildlife Service
Deadline: September 24, 2015 (This is an open announcement; proposals will be reviewed and evaluated on a rolling basis)

Marine Fisheries Initiative (MARFIN)
Search Funding Opp#: NOAA-NMFS-SE-2016-2004533
Department of Commerce, NOAA
Deadline: October 2, 2015

Support for the International Network for Environmental Compliance and Enforcement (INECE)
EPA-OECA-OFA-1501
Environmental Protection Agency
Deadline: October 5, 2015

FY2016 Community-based Marine Debris Removal
### Early Career Research Program
Search Funding Opp#: DE-FOA-0001386
Department of Energy - Office of Science
Deadline: November 19, 2015
Program areas: Advanced Scientific Computing Research (ASCR); Biological and Environmental Research (BER); Basic Energy Sciences (BES), Fusion Energy Sciences (FES); High Energy Physics (HEP), and Nuclear Physics (NP)

### Climate Program Office FY 2016
Search Funding Opp#: NOAA-OAR-CPO-2016-2004413
Department of Commerce, NOAA
Deadline: December 15, 2015

### NSF Announcements:

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<th>Program Number</th>
<th>Title</th>
<th>Proposal Deadline</th>
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<td>15-577</td>
<td>Collections in Support of Biological Research (CSBR)</td>
<td>September 10, 2015</td>
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<td>14-502</td>
<td>Coastal SEES</td>
<td>October 2, 2015</td>
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<td>14-584</td>
<td>Arctic Research Opportunities</td>
<td>October 19, 2015</td>
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<tr>
<td>PD 15-7643</td>
<td>Environmental Sustainability</td>
<td>October 20, 2015</td>
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<td>PD 15-1417</td>
<td>Chemical and Biological Separations</td>
<td>October 20, 2015</td>
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<td>PD-15-1440</td>
<td>Environmental Engineering</td>
<td>October 20, 2015</td>
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<tr>
<td>PD 09-6882</td>
<td>Environmental Chemical Sciences (ECS)</td>
<td>November 2, 2015</td>
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<td>14-601</td>
<td>Dynamics of Coupled Natural and Human Systems (CNH)</td>
<td>November 17, 2015</td>
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<td>12-505</td>
<td>Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)</td>
<td>December 11, 2015</td>
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<tr>
<td>15-568</td>
<td>Earth Sciences Postdoctoral Fellowships (EAR-PF)</td>
<td>January 12, 2016</td>
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<tr>
<td>PD 98-1650</td>
<td>Biological Oceanography</td>
<td>February 16, 2016</td>
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<tr>
<td>PD 98-1670</td>
<td>Chemical Oceanography</td>
<td>February 15, 2016</td>
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<tr>
<td>PD 98-1620</td>
<td>Marine Geology &amp; Geophysics</td>
<td>February 16, 2016</td>
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<tr>
<td>15-596</td>
<td>Long-Term Ecological Research</td>
<td>March 4, 2016</td>
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<tr>
<td>15-555</td>
<td>Faculty Early Career Development Program (CAREER)</td>
<td>July 20-22, 2016, depending on Program</td>
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<tr>
<td>14-559</td>
<td>Opportunities for Promoting Understanding through Synthesis (OPUS)</td>
<td>August 1, 2016</td>
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<tr>
<td>15-558</td>
<td>Hydrologic Sciences (HS)</td>
<td>Accepted Anytime</td>
</tr>
<tr>
<td>PD-06-5740</td>
<td>Climate and Large-Scale Dynamics</td>
<td>Accepted Anytime</td>
</tr>
<tr>
<td>15-560</td>
<td>Geomorphology and Land-use Dynamics (GLD)</td>
<td>Accepted Anytime</td>
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</tbody>
</table>

**NASA ROSES 2015**
<table>
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<tr>
<th>APPENDIX</th>
<th>PROGRAM</th>
<th>NOI/Step 1 DUE DATE [2]</th>
<th>PROPOSAL DUE DATE</th>
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<tbody>
<tr>
<td>A.3</td>
<td>Ocean Biology and Biogeochemistry</td>
<td>TBD</td>
<td>TBD</td>
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<tr>
<td>A.6</td>
<td>Biodiversity</td>
<td>TBD</td>
<td>TBD</td>
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<tr>
<td>A.25</td>
<td>Earth Surface and Interior</td>
<td>7/16/2015</td>
<td>9/16/2015</td>
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<tr>
<td>A.26</td>
<td>Rapid Response and Novel Research in Earth Science</td>
<td>N/A</td>
<td>Rolling Submissions through 3/31/2016</td>
</tr>
<tr>
<td>E.3</td>
<td>Topical Workshops, Symposia, and Conferences</td>
<td>N/A</td>
<td>Rolling Submissions through 3/31/2016</td>
</tr>
</tbody>
</table>

5. Graduate Certificate in Sustainable Water Resources Systems

Students must fill out an online application to the Grad School in order to work towards a certificate. Students should apply and be accepted into a certificate program before starting the coursework to be used for the certificate. Only 1/3 of previously completed credits can be applied to the certificate degree schedule.

Link to online application: [http://www.mtu.edu/gradschool/programs/certificates/](http://www.mtu.edu/gradschool/programs/certificates/)

Links to certificate degree schedule:
CWS Web page: [http://www.mtcws.mtu.edu/education_gradcert.html](http://www.mtcws.mtu.edu/education_gradcert.html)
Grad School: [http://www.mtu.edu/gradschool/administration/academics/forms-deadlines/pdfs/Certificates-ICSW.pdf](http://www.mtu.edu/gradschool/administration/academics/forms-deadlines/pdfs/Certificates-ICSW.pdf)

6. CWS Student Research Grants and Travel Grants

**Research Awards:** Graduate and undergraduate research awards are now due the first Friday in December and March of each year, and the 2nd Friday in August.

- December 4, 2015
- March 4, 2016
- August 12, 2015

Each award can be up to $750. Awards can also be used to support undergraduate research in formal class settings (e.g. Enterprise, Senior Design, Pavlis, senior thesis, capstone classes etc.). The research should support the Center's mission ([http://www.mtcws.mtu.edu/about.html#mission](http://www.mtcws.mtu.edu/about.html#mission)).

**Travel Awards:** Graduate student travel grants ($500) are also available through the Center for Water and Society to present a water related paper at a conference. Applications are reviewed on the last Friday of each month, and must be submitted at least 1 week in advance of planned travel.
Applications for **Travel and Research** grants are online at: 
[http://www.mtcws.mtu.edu/education_studentgrants.html](http://www.mtcws.mtu.edu/education_studentgrants.html)

To maximize funding for new students we will limit awards to one travel and one research award for Master's students and undergrads, and a maximum of two travel and two research awards for Ph.D. students.

Student advisors must be a faculty member of CWS ([CWS Faculty](#)) or the students must be supported on a CWS-affiliated research grant.

Students will also be required to indicate how they would like to provide a return on the CWS investment. Options include:

a. presenting a poster at World Water Day in March;
b. assisting with preparations for World Water Day;
c. assisting with CWS-sponsored outreach activities;

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**7. CWS Colloquium Course – UN5100 – next offered Spring 2016**

**Center for Water & Society Colloquium Course**  
**Spring 2015 Topic: Science & Policy**  
**Course Number:** UN5100, CRN 13480, 1 credit  
**Time/Location:** Tuesdays 3:35-4:24 in Dow 873  
**Course Organizer:** Noel Urban  
[http://www.mtcws.mtu.edu/education_colloquium.html](http://www.mtcws.mtu.edu/education_colloquium.html)

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**8. CUAHSI (Consortium of Universities for the Advancement of Hydrologic Science, Inc.)**

Michigan Technological University is a member university of CUAHSI ([http://www.cuahsi.org](http://www.cuahsi.org)) through the support of the Center for Water & Society and the CEE and GMES departments. Explore their website for resources available to faculty and research.

**CUAHSI Cyberseminar Schedule:** [https://www.cuahsi.org/Cyberseminars](https://www.cuahsi.org/Cyberseminars)

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**9. Job Opportunities**

**Lake Erie Campaign Manager**  
The Alliance for the Great Lakes  
Application Accepted through September 7, 2015

**Project Manager** (ecosystems-focused project manager; community-focused project manager)  
Delta Institute  
Chicago or Lansing

**IAGLR Job Board**  
Job Opportunities in the Great Lakes

**The Stewardship Network – Job Postings**
State of Minnesota
Hydrologist & Natural Resources positions
https://statejobs.doer.state.mn.us/JobPosting
Search on Job Grouping=Environmental Sciences
Or Department = Pollution Control Agency  (includes summer jobs for students)

The Ohio Environmental Council – Careers & Internships

Positions posted on CUAHSI web site
(Careers/fellowships/post-docs/research assistantships/faculty positions)

10. Student Opportunities

Pathfinder Fellowship Competition
Travel Grants to Support Multisite or Multidisciplinary Water Science Research - Go beyond "One site, One view"
CUAHSI
Application Deadline: October 16, 2015

DOE office of Science Graduate Student Research Program
US Department of Energy
Deadline: December 15, 2014

Sea Grant Fellowships

---------- Forwarded message ----------
From: Clarence Fullard <cfullard@umich.edu>
Date: Thu, Aug 27, 2015 at 2:35 PM
Subject: Sea Grant Fellowships
To: naauer@mtu.edu

Hi Nancy--sorry if you're not the right contact, but since you're a fisheries biologist I thought you may be able to help me out...

I work at MI Sea Grant and am trying to spread the word about our 4 graduate fellowships below. In the past, the majority of our fellows have come from either MSU or UofM, and I'm trying to make sure that all MI schools are aware of these amazing opportunities:

1. NOAA Knauss Fellowship
2. Great Lakes Commission Fellowship
3. NOAA Coastal Management Fellowship
4. International Joint Commission Fellowship

In addition to these, we're able to assist students with applications to the NOAA Fisheries graduate fellowship program.

I'm making my way around the state to various university job fairs, and am wondering if there's an appropriate venue in which I could present these opportunities to MTU environmental studies
students? Past applicants range from social scientists, to fisheries biologists, to engineers and law students.

Thanks Nancy!

Clarence Fullard  
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Michigan Sea Grant  
University of Michigan  
School of Natural Resources & Environment  
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Ann Arbor, MI 48104-2210

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