1. **World Water Day – March 22-23, 2016**

1. **World Water Day Poster Session**: **Tuesday, March 22**
   There will be 2 categories of cash prizes: Original Research and coursework/Informational. Graduate and Undergraduate entries are encouraged.
   
   **Registration Deadline**: **Friday, March 4** (just before Spring break); email registration to mtcws@mtu.edu

   **Keynote Speaker**: John Austin is the director of the Economic Center at Prima Civitas Foundation, a senior fellow at the Brookings Institute, and a lecturer at the University of Michigan. He is well known for his ideas about the potential of the Blue Economy, a revitalization capitalizing on the abundant water resources of the Great Lakes region. Mr. Austin will speak about Jobs and Water in the regional context at the keynote talk.

   **Dow 641 at 4:00 pm on Tuesday, March 22**

   **Panel Discussion** with participants who can bring local insights into the general topic of water and economy. **Wednesday, March 23**, time and location to be determined.

2. **Green Film**: “Lost Rivers”
   Examines hidden waterways in cities around the world. More and more municipal governments are making their once-buried waterways more accessible. Explores how and why cities buried their rivers beneath them, and the process many are undertaking to "daylight" them once again.

   **Fisher 135 at 7:00 pm on Wednesday, March 23**

   **Art Exhibit**: details to be determined
2. On-Campus Seminars

Environmental Engineering Seminars (Spring 2016)
The first seminar for this semester will be on January 25 (No seminar for 1st week of class, and no seminar on Jan 18, Martin Luther King Day)
Mondays at 3:00 pm in GLRC 202

Thursday, January 14, 2016
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Betsy Hartmann, professor emerita of development studies and senior policy analyst
Population and Development Program, Hampshire College in Amherst, MA
“Rethinking the Links Between Population & Environment: Toward a More Hopeful Future”
Green Lecture Series
G002 Hesterberg Hall & Forestry Atrium  7:00-8:30 pm

Tuesday, January 19, 2016
-------------------------------------
Carol MacLennan, SS
“Mine Polluted Waters: What are our Options?”
Carnegie Museum Community Room, Downtown Houghton 6:30 pm
The Keweenaw’s experience with Torch Lake Superfund Site and AOC raises questions as to how we can better understand the mechanisms and government programs we have at our disposal to clean up our watered environment and prevent future pollution. What strategies have worked in other communities? How can we navigate complicated programs and technical issues in order to protect human health and restore the environment? We will examine our history of pollution, untangle the various efforts to clean it up, and introduce some new ideas for addressing the issues.

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.

Research Excellence Fund
Michigan Technological University
Budget Deadline: March 1, 2016
Proposal Deadline: March 10, 2016

FY16 ENVIRONMENTAL WORKFORCE DEVELOPMENT AND JOB TRAINING (EWDJT) GRANTS
EPA-OSWER-OBLR-16-01
Environmental Protection Agency
Deadline: January 14, 2016
Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement
EPA-OECA-OEJ-16-01
Environmental Protection Agency
Deadline: February 12, 2016

Sustain Our Great Lakes will solicit applications for funding to restore and enhance habitat in the Great Lakes basin. In 2016, grant funding will be awarded in two categories:
- Stream and Riparian Habitat
- Coastal Wetlands
Pre-proposal deadline: February 17, 2016
Webinar on January 13, 2016 at 11:00 am EST

Great Lakes Long-Term Biology Monitoring Program: Phytoplankton Component
EPA-R5-GL-2016-1
Environmental Protection Agency
Deadline: February 22, 2016

Water Resources Research National Competitive Grants Program
Search Funding Opp#: G16AS00016
Department of the Interior, Geological Survey
Investigator Deadline: February 25, 2016

2016 Community Pollution Prevention (P2) Grant Program
Michigan Department of Environmental Quality (DEQ)
Deadline: February 29, 2016
RFP Webinar: February 3, 2016 at 10:00 am,
Register here: https://attendee.gotowebinar.com/register/3951964019761026561

Earth System Modeling
Search Funding Opp#: DE-FOA-0001482
Department of Energy - Office of Science
Deadline: March 14, 2016

FY2016 to FY2017 NOAA Broad Agency Announcement (BAA)
Search Funding Opp#: NOAA-NFA-NFAPO-2016-2004791
Department of Commerce, NOAA
Deadline: September 30, 2017

4. IAHR - Call for Abstracts / IAGLR – Call for Sessions

The 23rd IAHR International Symposium on Ice will be held at the University of Ann Arbor from May 31 – June 3, 2016. This symposium takes place once every four years at different locations around the world, and this is the first time it is taking place at U of M. IAGLR will be in Guelph, ON from June 6-10. It may be of interest for some of you to attend both.

a) IAGLR
The Call for Abstracts is open – deadline is January 29, 2016
IAGLR’s 59th Annual Conference on Great Lakes Research,
Conference Dates: **June 6-10, 2016** in Guelph, Ontario.
Conference Theme: *Great Lakes Solutions: Integrating Across Disciplines & Scales*

b) **23rd IAHR International Symposium on Ice**
   International Association of HydroEnvironment Engineering and Research (IAHR)
   University of Michigan, Ann Arbor
   This international symposium is held once every 4 years

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**5. Reports and Action Plans**

Hello Great Lakes Stakeholders: **Comment Period extended to January 29, 2016**

In accordance with the Great Lakes Water Quality Agreement (Agreement), and on behalf of the Lakewide Management (Annex 2) Subcommittee, we would like to share with you, for your review and input, a draft of the **2015 Lake Superior Lakewide Action and Management Plan (LAMP)**. The 2015 Lake Superior LAMP is the first LAMP to be developed under the 2012 revision of the Great Lakes Water Quality Agreement, and, when finalized, will serve as a template as LAMPS are developed for the other four Great Lakes. Compared with the 2008 Lake Superior LAMP, this draft is a more concise articulation of the state of the lake, objectives, threats and priority actions.

One of the underlying principles embodied in the Agreement is that the Parties shall implement the Agreement “in cooperation and consultation” with many government agencies and the public. Making this draft available for public review and input is consistent with that principle and the Parties’ desire to conduct outreach and engagement on important Agreement outputs. To that end, we ask that you provide any input on this draft document to Liz LaPlante (laplante.elizabeth@epa.gov) and Laurie Wood (Laurie.Wood@canada.ca) by **December 4, 2015**. We will review and consider any public input before the draft is provided to the Great Lakes Executive Committee (GLEC) for its consideration.

Thank you,
Chris Korleski                            John Marsden
U.S. EPA                                     Environment Canada
Annex 2 Co-Leads

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**6. Course Announcements – FW5510, UN5100, SS 5635, ENVE 5590**

**FW 5510 Watershed Analysis and Management, 2 credits, Spring 2016**

**Objective:** Explore and apply concepts used in the analysis and management of wildland watersheds.

**Prerequisite:** Forest Hydrology FW 4370, Advanced Hydrology CE 5630, or instructor’s consent.

**Overview:** We will introduce/review fundamental watershed processes including: fluvial geomorphology, runoff generation, erosion, sedimentation, stream water quality, stream ecology,
watershed analysis techniques, stream restoration, and watershed policy. We will then apply these concepts to watershed management using case studies and analysis of current issues. Guest speakers and field trips will enhance the class discussions and projects. A small fee ($20) for field trips.
Schedule: to be arranged
Contact: Joe Wagenbrenner, SFRES, jwwagenb@mtu.edu

**UN 5100 Center for Water & Society Colloquium, 1 Credit, Spring 2016**

**Spring 2016 Theme:** “WHEN CAN WE EAT THE FISH? An interdisciplinary approach to address the wicked environmental problem of Hg, PCBs, & PAHs”
In this 1-credit colloquium, you will learn about collaborative interdisciplinary research by using an on-going project as a case study. This project is focused on addressing the global and local problems associated with atmosphere-surface exchangeable pollutants (ASEPs) such as mercury, PCBs, and PAHs. This course is required for the CWS Graduate Certificate in Sustainable Water Resources Systems.

**Course Flyer**
Schedule: Tuesday, 3:35 – 4:25
Contact: Valoree Gagnon, vsgagnon@mtu.edu

**SS 5635 International Environmental Policy**
Offered Wednesday nights in the spring. I'm using two books, some articles I select and some students select. The books are *Introduction to International Environmental Law* by Timo Koivurova and Jessica Green's award-winning book, *Rethinking Private Authority: Agents and Entrepreneurs in Global Environmental Governance*. I’m trying to build in via the readings the relations between governance scales so that those working very locally can work up in scale and vice versa. If I have six students, we can do a climate simulation used in many policy schools.
Contact: Mary Durfee

**ENVE 5590– Introduction to Hydrodynamic Modeling**
This is an introductory/intermediate course of numerical methods used in oceanography, limnology and atmospheric sciences. Topics include numerical model formulation, model simulation, data analysis, and parameter estimation. It provides fundamental concepts and various numerical methods used in ocean and lake modeling. An introduction to the basic physical processes in the oceans and large lakes and their numerical representation using governing equations will also be presented. Students will also have a chance to construct and use their own simplified numerical models to solve basic hydrodynamic questions in class projects. This class is aimed for helping student understand fundamental concepts of numerical modeling with its strengths and limitations and its application to the problems of coastal oceans and large lakes.

**Syllabus**
Schedule: MW 9:35-10:50 am, Fisher Hall 0230
Contact: Pengfei Xue

7. **Conferences & Webinars**

**Tuesday, January 12, 2016**

__________________________
EPA Tribal Science Webinar Series:
Climate Change Adaptation and Waterborne Disease Prevention on the Crow Reservation
Hosted by the National Center for Environmental Research and the Office of Science Policy
3:00 p.m. – 4:30 p.m. EST
Please register for this seminar: https://epa-tribal-science-webinar-series-jan-12-2016.eventbrite.com

Wednesday, January 13, 2016
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Webinar: Sustain Our Great Lakes RFP
Participants can register at https://attendee.gotowebinar.com/register/7075001454201702402
11:00 am EST

Tuesday, January 19, 2016
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Webinar: E. coli in Surface Waters: Michigan's Statewide Bacterial Total Maximum Daily Load (TMDL)
Michigan DEQ
The DEQ estimates that about half of Michigan’s river miles are impaired by E. coli, and about 22% of beaches had closures due to E. coli contamination in 2014. E. coli is used as an indicator for fecal contamination and the water quality standard is designed to protect human health during recreation. When the water quality standard is exceeded, the Federal Clean Water Act requires that Michigan develop a Total Maximum Daily Load (TMDL) to provide a framework for restoration of water quality. Given the extent of this problem, and the multitude of potential sources, a statewide approach will be more effective and more efficient at addressing this issue. This webinar will discuss why the DEQ has decided to take a statewide approach, what the statewide TMDL will include, and how it will be updated as well as provide background information on the TMDL process and potential E. coli sources. This webinar will interest general public, watershed groups, municipalities, tribes, and National Pollutant Discharge Elimination System (NPDES) permittees.
10:00 AM - 11:00 AM EST

January 31, 2016 – Call for Panels, Presentations/Posters
---------------------------------------------------------------------------
Under Western Skies 2016
Water: Events, Trends, Analysis
Conference Dates: September 27-30, 2016
Mount Royal University, Calgary, Alberta, CANADA

February 1, 2016 – Reduced Early Registration Deadline
---------------------------------------------------------------------------
2016 NASA / CUAHSI Remote Sensing Hydrology Workshop
A 2.5 day workshop focusing on the applications of NASA satellite observations for terrestrial hydrology geared toward graduate students, post-doctoral fellows, and professionals.
Workshop Dates: March 29-31, 2016
Biosphere 2, Oracle, Arizona
A very limited number of student travel grants are available on a first come, first served basis to help defray the cost of travel to this course. Contact etran@cuahsi.org for more information.
February 21-26, 2016
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**2016 Ocean Sciences Meeting in New Orleans**
AGU - ASLO
New Orleans, Louisiana

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**Semiannual Meeting of the Great Lakes Commission and Great Lakes Day**
Washington, to be held at the Westin Washington, D.C. City Center

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

March 2-3, 2016
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**2016 Areas of Concern Annual Meeting**
US Environmental Protection Agency
University of Michigan at Dearborn, MI

March 10-11, 2016
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**American Water Resources Association - Wisconsin Section**
Theme: "40 Years of Wisconsin Waters: Quantity, Quality, Technology"
Wisconsin Dells

May 31 – June 3, 2016
----------------------------------
**23rd IAHR International Symposium on Ice**
International Association of HydroEnvironment Engineering and Research (IAHR)
University of Michigan, Ann Arbor
This symposium is held once every 4 years

June 6-10, 2016
----------------------------------
**IAGLR**
IAGLR's 59th Annual Conference on Great Lakes Research,
Conference Theme: *Great Lakes Solutions: Integrating Across Disciplines & Scales*
Guelph, Ontario
The Call for Abstracts will be open December – January.

June 5-10, 2016
----------------------------------
**ASLO 2016 Summer Meeting**
8. Open RFPs of ongoing interest to CWS

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

**Atmospheric System Research Program – New Data Products**
DE-FOA-0001431
Department of Energy - Office of Science
Office of Science
Pre-application deadline: November 3, 2015
Deadline: January 13, 2016

**Fishery Research Program**
Great Lakes Fishery Commission
Deadline: January 15, 2016

**Ecological and Biological Fisheries Research to Inform Management RFP**
Social, Economic, and Technology Research to Inform Policy and Practice RFP
The Great Lakes Fishery Trust (GLFT)
Deadline for Preliminary Proposals: January 19, 2016

**National Competitive Hypoxia Programs: the Northern Gulf of Mexico Ecosystems and Hypoxia Assessment Program (NGOMEX) and Coastal Hypoxia Research Program (CHRP)**
Search Funding Opp#: NOAA-NOS-NCCOS-2016-2004640
Department of Commerce, NOAA
Deadline: January 22, 2016
From: Mary Ogdahl <ogdahlm@umich.edu>
Date: Tuesday, November 17, 2015
Subject: NCCOS Hypoxia Funding Opportunities - NGOMEX and CHRP Programs
To: CILER - Council of Fellows <CILER-COF@umich.edu>

Dear Colleagues,
If there is interest in submitting a collaborative proposal to the Coastal Hypoxia Research Program (CHRP) with GLERL and/or CILER scientists, CILER can help coordinate the effort. This program is very relevant to the Great Lakes - see the attached FFO for more information. Please respond to me with any interest.

Best regards,

Mary

Mary E. Ogdahl
Program Manager
Cooperative Institute for Limnology & Ecosystems Research
University of Michigan | 440 Church Street | G110 Dana Building
Ann Arbor, MI 48109-1041
734-763-3010 | ogdahlm@umich.edu

**FY 2016 Air Quality Research and Forecasting**
Coastal and Estuarine Land Conservation Program - Fiscal Year 2016 Great Lakes Competition
Search Funding Opp#: NOAA-NOS-OCM-2016-2004625
Department of Commerce, NOAA
Deadline: January 29, 2016

FY16 Great Lakes Bay Watershed Education and Training Program
Search Funding Opp#: NOAA-NOS-ONMS-2016-2004696
Department of Commerce, NOAA
Deadline: January 29, 2016

Five Star and Urban Waters Restoration Grant Program
Deadline: February 3, 2016
Major funding for this project is provided by NFWF's partnerships with EPA, the US Forest Service, the US Fish and Wildlife Service, Southern Company, FedEx, Alcoa Foundation, and Pacific Gas and Electric Company.

Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement
EPA-OECA-OEJ-16-01
Environmental Protection Agency
Deadline: February 12, 2016
Note: Colleges and universities are INELIGIBLE to receive an award, but partnerships are encouraged

Biomonitoring Legacy and Emerging Great Lakes Contaminants in Susceptible Great Lakes Populations
Search Funding Opp#: CDC-RFA-TS16-1601
Department of Health and Human Services
Centers for Disease Control and Prevention
Deadline: February 1, 2016
Note: Universities cannot be the primary applicant, but can be a partner to an eligible applicant

NOAA Great Lakes Habitat Restoration Regional Partnership Grants
NOAA-NMFS-HCPO-2016-2004742
Department of Commerce, NOAA
Deadline: February 2, 2016

Outreach and Education, Technical Assistance, and Financial Education for FSA Programs, Functions, and Activities
USDA-FSA-CA-2016-001
Department of Agriculture, Farm Service Agency
Deadline: May 27, 2016

Coastal Program
Search Funding Opp#: F16AS00006
Department of the Interior, Fish and Wildlife Service
Deadline: September 30, 2016

Partners for Fish and Wildlife Program
Search Funding Opp#: F16AS00007
Department of the Interior, Fish and Wildlife Service
Deadline: October 7, 2016

NSF Announcements:

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<th>Program Nbr</th>
<th>Title</th>
<th>Proposal Deadline</th>
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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>January 11, 2016</td>
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<td>15-568</td>
<td>Earth Sciences Postdoctoral Fellowships (EAR-PF)</td>
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<td>14-502</td>
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<td>PD 98-1650</td>
<td>Biological Oceanography</td>
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<td>PD 98-1670</td>
<td>Chemical Oceanography</td>
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<td>PD 98-1680</td>
<td>Ocean Technology and Interdisciplinary Coordination</td>
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<td>PD 98-1620</td>
<td>Marine Geology &amp; Geophysics</td>
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<td>15-596</td>
<td>Long-Term Ecological Research (LTER) Renewal</td>
<td>March 4, 2016</td>
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<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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<td>14-559</td>
<td>Opportunities for Promoting Understanding through Synthesis (OPUS)</td>
<td>August 1, 2016</td>
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<td>Collections in Support of Biological Research (CSBR)</td>
<td>August 8, 2016</td>
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<td>14-584</td>
<td>Arctic Research Opportunities</td>
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<td>PD 15-7643</td>
<td>Environmental Sustainability</td>
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<td>PD 15-1417</td>
<td>Chemical and Biological Separations</td>
<td>October 20, 2016</td>
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<td>PD-15-1440</td>
<td>Environmental Engineering</td>
<td>October 20, 2016</td>
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<td>PD 09-6882</td>
<td>Environmental Chemical Sciences (ECS)</td>
<td>October 31, 2016</td>
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<td>14-601</td>
<td>Dynamics of Coupled Natural and Human Systems (CNH)</td>
<td>November 15, 2016</td>
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<td>15-558</td>
<td>Hydrologic Sciences (HS)</td>
<td>Accepted Anytime</td>
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<td>PD-06-5740</td>
<td>Climate and Large-Scale Dynamics</td>
<td>Accepted Anytime</td>
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<td>15-560</td>
<td>Geomorphology and Land-use Dynamics (GLD)</td>
<td>Accepted Anytime</td>
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<tr>
<td>15-516</td>
<td>Earth Sciences: Instrumentation and Facilities (EAR/IF)</td>
<td>Accepted Anytime</td>
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NASA ROSES 2015

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<tr>
<th>APPENDIX</th>
<th>PROGRAM</th>
<th>NOI/Step 1 DUE DATE</th>
<th>PROPOSAL DUE DATE</th>
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<tr>
<td>A.2</td>
<td>Land Cover / Land Use Change</td>
<td>12/01/2015 (Step 1)</td>
<td>6/01/2016 (Step 2)</td>
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</table>
9. Graduate Certificate in Sustainable Water Resources Systems

Currently enrolled students can download the Certificate Degree Schedule to plan their coursework. When they have completed the required courses, or are enrolled in the last ones, the certificate degree schedule should be submitted to Nancy Byers Sprague (nspr@mtu.edu) in the Graduate School.

**Request from CWS:** If you plan to complete the certificate please email mtcws@mtu.edu

- **If you are not already on the CWS email list,** you will be added and will receive announcements of water-related activities and the opportunity to apply for travel and research grants.
- **We would like to keep a list of students working towards the certificate,** and then we also have an idea of which students need to enroll in the UN5100, the Center for Water and Society colloquium course.

**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)

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10. CWS Student Research Grants (**March 4**) and Travel Grants (**Dec 31**)

**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**.

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<th>March 4, 2016</th>
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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

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;

11. CWS Colloquium Course – UN5100 –Spring 2016

Center for Water & Society Colloquium Course
Spring 2015 Topic: “WHEN CAN WE EAT THE FISH? An interdisciplinary approach to address the wicked environmental problem of Hg, PCBs, & PAHs”
Course Number: UN5100, CRN 13300, 1 credit
Time/Location: Tuesdays 3:35-4:25 in EERC 227
Course Organizer: Valoree Gagnon, vsgagnon@mtu.edu
http://www.mtcws.mtu.edu/education_colloquium.html
In this 1-credit colloquium, you will learn about collaborative interdisciplinary research by using an on-going project as a case study. This project is focused on addressing the global and local problems associated with atmosphere-surface exchangeable pollutants (ASEPs) such as mercury, PCBs, and PAHs.
This course is required for the CWS Graduate Certificate in Sustainable Water Resources Systems.  Course Flyer

12. Seminar Speaker Support Program
Center for Water and Society members can apply for assistance in bringing seminar speakers to Michigan Tech. Lecture topics should be of interest to CWS and the visit should correspond with CWS goals. The Seminar Speaker Request form should be emailed to Carol Asiala at mtcws@mtu.edu.
13. CUAHSI (Consortium of Universities for the Advancement of Hydrologic Science, Inc.)

Michigan Technological University is a member university of CUAHSI 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

14. Job Opportunities

**Postdoc – Software Development Framework Connecting Models, Remote Sensing Data, and Field Measurements**
NASA Jet Propulsion Lab
Application deadline: March 31, 2016

**Fish Culture Specialist I**
Grand Isle, Vermont
Application deadline: 1/13/2016

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

**The Stewardship Network – Job Postings**

**State of Minnesota**
Hydrologist & Natural Resources positions
https://statejobs.docr.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)

15. Student Opportunities

**Ernest F. Hollings Scholarship Program**
NOAA
Application deadline: January 29, 2016

**IAGLR Scholarships**
Download the poster and email, or print it off and hang it in your university office or department. Help spread the word about IAGLR's scholarships for students. Over $13,000 in funds are available - applications are due January 15, 2016
• **David M. Dolan Scholarship** ($3,000)
• **Norman S. Baldwin Fishery Science Scholarship** ($6,000)
• **IAGLR Scholarship** ($2,000)
• **Paul W. Rodgers Scholarship** ($2,000)
• **IAGLR-OMNR Student Travel Award** (first-come, first-served)

**MS/PhD Graduate Research Assistantships and a Post Doc**
Microbial Ecology Laboratory, University of Minnesota Duluth

**DOE Computational Science Graduate Fellowship**
Applicant need not be a US citizen but must be a doctoral candidate in fields of study that utilize high performance computing to solve complex problems in science and engineering.
Deadline: January 19, 2016

**Sea Grant Fellowships**
Deadlines: January, February and May, 2016
3. **NOAA Coastal Management Fellowship** – January 22, 2016
4. **International Joint Commission** - Deadline: February 27, 2016

Center for Water and Society Web Site: [http://www.mtcws.mtu.edu](http://www.mtcws.mtu.edu)