EPA BOSC Nominations Open

1. **EPA BOSC Nominations Open**

The U.S. Environmental Protection Agency is seeking nominations for technical experts to serve on its Board of Scientific Counselors (BOSC), a federal advisory committee to the Office of Research and Development (ORD). The BOSC provides independent scientific and technical peer review, consultation, advice, and recommendations for each of its research programs.

- Information on the BOSC can be found at [https://www.epa.gov/bosc](https://www.epa.gov/bosc)
- Information on ORD’s research can be found at: [https://www.epa.gov/aboutepa/about-office-research-and-development-ord](https://www.epa.gov/aboutepa/about-office-research-and-development-ord)

Individuals and organizations can nominate themselves or others by using the nomination form on the BOSC website. The nomination period is open until June 30, 2017.

Please contact the BOSC Designated Federal Officer, Tom Tracy ([tracy.tom@epa.gov](mailto:tracy.tom@epa.gov)), for assistance.

2. **Highlights**

**Gordon Paterson (Bio Sci)** is the principal investigator on a project that has received a $97,104 research and development grant from the Michigan Department of Natural Resources. The
This project is titled "Developing Strategies for Bringing Back the Arctic Grayling to Michigan." This is a one-year project.

**GLRC and MTRI Faculty, Staff, Undergraduate and Graduate Students Attend IAGLR’s 60th Annual Conference on Great Lakes Research**

Thirty-one faculty, staff, undergraduate and graduate students from Houghton and Ann Arbor, traveled to Detroit, May 15-19, for the 60th International Association of Great Lakes Research (IAGLR) conference at the Cobo Center. Visit the Great Lakes Research Center blog for more information about Michigan Tech’s participation in the conference. Six grad students received GLRC Travel Awards to attend and present at IAGLR.

**GLRC Faculty and Students present at the Annual Meeting of the Society for Freshwater Science**

June 4 -8 in Raleigh North Carolina

**CUAHSI members will now receive discounted registration rates for CUAHSI events and workshops.**

Michigan Tech is a CUAHSI member, so Michigan Tech faculty, staff and students are CUAHSI members, and are eligible for the member discount. The member discounts will go into effect for the 2017 CUAHSI Conference on Hydroinformatics. Simply choose the CUAHSI member registration type when registering to receive the discounted rate. The member discounts for CUAHSI training workshops will go into effect starting in 2018.

---

3. **On-Campus Seminars**

**Fall 2017 Finishing Fellowship Nominations**

Michigan Technological University

Deadline: 4:00 pm on **July 6, 2017**

**June 20-21, 2017**

______________

**Michigan DNR Fish Production Section Spring meeting**

GLRC 202 8:30-4:00 Tuesday and 8:00 - 12:00 Wednesday

We've been asked to extend an invitation to faculty and students (please share as you see fit) who would benefit from listening in on the group discussions.

Please note that if you do attend any or all of the meeting events, there will be chairs in the back of the room. Please leave the 'U-shaped' seating for registered meeting attendees. Additionally, break and lunch food is reserved for DNR attendees only.

To facilitate the group meeting, the side parking lot will be reserved those days for DNR personnel parking.
PhD Defense: John Baeten, Indust Heritage & Archaeology
Advisor: Nancy Langston
“A Landscape of Waste and Water: Heritage Legacies and Environmental Change in the Mesabi Iron Range”
Academic Offices 201 1:00 pm

July 22-27, 2017
-------------

Summer Keweenaw Geotours by Land and Boat
Bill Rose (GMES) and Erika Vye (GLRC)
Five different one-day geotours are offered, focusing on Keweenaw Geoheritage, and using the RV Agassiz:
July 22: Glacial Geology
July 24: Lavas and the great rift
July 25: The Keweenaw Fault
July 26: Redbed sediments filling the Rift
July 27: Mining wastes and Lake Dynamics

For registration and more information, see this [link](#).

4. Outreach

Investigations Aboard the Agassiz for Students in Grades 4-12
- Aquatic Food Web & Lab Investigation
- Mine Waste Remediation & Torch Lake Restoration
- Navigation Exploration
- Lake Superior’s Ring of Fire

Register [online](#) or at [wupcenter.mtu.edu](http://wupcenter.mtu.edu).

The Ride the Waves Program is made possible with a generous grant from General Motors (GM) and Michigan Tech's Great Lakes Research Center. More than 3,000 youth have benefited from GM’s support, now in its fifth year.

For more Information, contact Joan Chadde or Lloyd Wescoat or call 7-3341.

5. New Funding Opportunities

New proposals can be submitted through the Great Lakes Research Center. Director Guy Meadows’ signature will be needed on the PI signature page of the transmittal sheet.

[**NASA ROSES 2017**](#) has been announced. The table of program elements with updated due dates will be kept current in the “Open RFPs of ongoing interest” section of this newsletter.
2017 SOUTH FL INITIATIVE
EPA-R4-SFL-2017-01
Environmental Protection Agency
Deadline: July 25, 2017

**Harmful Algal Bloom Research Initiative**
Ohio Department of Higher Education, Ohio Sea Grant College Program, the Ohio State University, and the University of Toledo
Pre-proposal Deadline: July 27, 2017
Proposal Deadline: October 12, 2017

**Request for Information (RFI): Clean Water Technologies**
DE-FOA-0001676
Department of Energy, Golden Field Office
Deadline: July 28, 2017

**Interpreting the Conditions of the Nation's Freshwater, Wetland and Coastal Resources**
US EPA
Research Associateship Programs, Fellowship Office, Policy and Global Affairs
Deadlines: February 1 ; May 1 ; August 1 ; November 1

**2017 Chi-Cal Rivers Fund**
National Fish and Wildlife Foundation
Grant funding for work in the Chicago and Calumet region will be awarded in three categories:
- Green Stormwater Infrastructure
- Habitat Enhancement
- Public-Use Improvement
Deadline: July 10, 2017

**Gulf of Mexico Program Cooperative Agreements 2017**
EPA-GM-COOPERATIVE-AGREEMENTS-2017-1
Environmental Protection Agency
Deadline: August 4, 2017

**MI DEQ Nonpoint Source Implementation RFP (FY2018)**

2018 Draft Schedule for Implementation Grants
2/17/17: Watershed Plans must be submitted for Approval
6/12/17: Draft RFP information Released
7/19/17: RFP Released
7/19/17: Watershed Plans must be 319 Approved
8/16/17: Notice of Intent Letters due
8/30/17: Invitations for Full Proposals sent via e-mail
9/12/17: Webinar – Priorities, Project and application tips
10/13/17: Proposals due
Proposal Review
Projects Awarded Early Summer 2018
**MI DEQ Nonpoint Source RFP schedule (FY2018)**

*2018 Draft Schedule for Planning Grants*

- 6/12/17: Draft RFP information Released
- 7/19/17: RFP Released
- 7/25/17: NPS Webinar
- 9/11/17: Proposals due

Proposal Review
Projects Awarded Mid-January 2018 -OR- after Federal FY18 Budget Approval

---

**Climate Program Office 2018**

NOAA-OAR-CPO-2018-2005133

Department of Commerce, NOAA

Deadline: September 11, 2017

---

**ORAU Membership Benefits Highlight – ORAU Travel Grants**

The ORAU Travel Grants Program provides up to $800 to fund faculty or staff members of ORAU member institutions to travel to meet with researchers at ORNL, Y-12, ORAU work sites or another ORAU member institution. The purpose of the program is to support new collaborations (proposed partners have no strong current ties) with well-defined outcomes (joint white paper/proposal to an identified opportunity or publication as a result of data collected during the proposed visit).

To learn more about eligibility, selection criteria, restrictions and application process, please visit the ORAU University Partnerships Member Only web page at: [http://www.orau.org/university-partnerships/members-only/travel-grants/default.aspx](http://www.orau.org/university-partnerships/members-only/travel-grants/default.aspx).

**APPLY NOW!** The application cycle for all travel to be completed by September 30, 2017 is still open, and limited funds are available.

For additional information, please contact the University Partnerships Office at University.Partnerships@orau.org.

**ORAU**

University Partnerships Office

University.partnerships@orau.org

[www.orau.org](http://www.orau.org)

ORAU provides innovative scientific and technical solutions to advance research and education, protect public health and the environment, and strengthen national security. Through specialized teams of experts, unique laboratory capabilities and access to a consortium of more than 100 major Ph.D.-granting institutions, ORAU works with federal, state, local and commercial customers to advance national priorities and serve the public interest. A 501(c)(3) nonprofit corporation and federal contractor, ORAU manages the Oak Ridge Institute for Science and Education (ORISE) for the U.S. Department of Energy (DOE).
Dear Dr. Shonnard,

We are writing to share information about postdoctoral fellowship opportunities with the Fulbright US Scholar Program. We hope that you will share this message with eligible colleagues and graduate students, or recommend someone via our online referral system. We will follow up with all referred individuals, providing tailored guidance on the application process and directing them to the most appropriate awards. Highlights for the 2018-19 competition include:

**Postdoctoral Fellowship to Israel**
These unique and prestigious grants are open to researchers in all academic disciplines and support programs of work for up to 20 months (two academic years). Applicants may be hosted by any accredited institution of higher education or research center in Israel. To be eligible for a Fulbright fellowship beginning in 2018, candidates must have received their Ph.D. degrees no earlier than April 2015. Holders of tenure track positions are not eligible to apply. Individuals who have already begun postdoctoral research activities in Israel prior to the application date are also not eligible.

**Fulbright-EHESS Post-Doctoral Award (Junior Research) to France**
The Ecole des Hautes Etudes en Sciences Sociales (EHESS) is an esteemed university located in Paris, France. The first mission of the EHESS is to help young researchers acquire an international scientific background through the quality of its training, the international profiles of its professors and the quality and scope of its research. In addition to pursuing his or her own research, the grantee will participate in a seminar series conducted by the associated research center. French language proficiency sufficient to complete the research project is required, and applicants must obtain their Ph.D. by June 2018 to be eligible.
Applicants are welcome to join us on May 10 at 2PM EST for our annual Fulbright Grants for Postdoctoral and Early Career Applicants webinar. You can also explore hundreds of other grant opportunities in our Catalog of Awards. Applications are due August 1, 2017.

For additional information, please contact middleeastnorthafrica@iie.org or EuropeEurasia@iie.org.

Best regards,

Fulbright U.S. Scholar Program
Institute of International Education
1400 K Street NW, Suite 700 • Washington, DC 20005
MiddleEastNorthAfrica@iie.org • EuropeEurasia@iie.org

6. Request Contribution numbers for GLRC Publications

Please email Carol Asiala (glrcadmin-l@mtu.edu) when you are preparing publications. We are continuing to follow in the time-honored tradition of many Institutes by recognizing Contribution Numbers in papers that we publish in the peer-reviewed literature. You are welcome to participate. All you need to do is -

1. Contact Carol Asiala/Beth Hoy (glrcadmin-l@mtu.edu) to request a Contribution Number. Please provide as much citation info as possible - author(s), title, journal/book, etc.

2. Add to your acknowledgements section, "This is Contribution No. _ of the Great Lakes Research Center at Michigan Tech."

3. Get back to Carol when your paper is in print and give her the volume and page numbers.

Your participation is welcomed for this effort to enhance the visibility of the GLRC.

7. Reports and Action Plans

Federal Science Partners Periodic Update
June 16, 2017

Great Lakes Connections
International Joint Commission newsletter
June 2017
8. Conferences & Webinars

**June 20-22, 2017**
Great Lakes Panel on Aquatic Nuisance Species  
Erie, Pennsylvania

**June 21, 2017**
Great Lakes-St. Lawrence River Water Resources Regional Body  
9:00 am EDT  
Niagara-on-the-Lake, Ontario

**June 22, - August 3, 2017**
**Ohio Sea Grant Stone Lab Guest Lectures**  
Thursdays, 6:00 - 9:00 pm EDT

**June 22:**
Research Brief: Victor Serveiss, Environmental Advisor, International Joint Commission  
Guest Lecture: James White, Director of Sustainable Infrastructure, Port of Cleveland

**June 29:**
Research Brief: Stephen Jacquemin, Department of Biological Sciences, Wright State University – Lake Campus  
Guest Lecture: Yvonne Vadeboncoeur, Department of Biological Sciences, Wright State University

**July 6:**
Research Brief: Jeanine Refsnider, Department of Environmental Sciences, University of Toledo  
Guest Lecture: Matthew Child, Physical Scientist, International Joint Commission

**July 13:**
Speakers: Harmful algal bloom (HAB) experts from NOAA’s 2017 Harmful Algal Bloom Forecast will share some of the forecast information and background on algal blooms.

**July 20:**
REU Student Presentations

**July 27:**
Research Brief: Jiyoung Lee, College of Public Health, The Ohio State University  
Guest Lecture: Craig Butler, Director, Ohio Environmental Protection Agency (OEPA)

**August 3:**
Research Brief: Elizabeth Marschall, Department of Evolution, Ecology and Organismal Biology, The Ohio State University  
Guest Lecture: Janice Kerns, Fairport Harbor Fisheries Research Unit, Ohio Department of Natural Resources (ODNR)

**June 30, 2017 - Early Bird Workshop Deadline**
Training Workshop: Using In-Situ Water Quality Sensors - Lagrangian and Eulerian Applications  
CUAHSI and the University of Florida  
Workshop Dates: November 7 – 9, 2017  
Gainesville, FL
9. Open RFPs of ongoing interest

2017 National Fish Habitat Action Plan
F17AS00016
Department of the Interior, Fish and Wildlife Service
Deadline: Applications are accepted on a rolling basis

Fulbright U.S. Scholar Program
Postdoctoral Fellowship to Israel
These unique and prestigious grants are open to researchers in all academic disciplines and support programs of work for up to 20 months (two academic years). Applicants may be hosted by any accredited institution of higher education or research center in Israel. To be eligible for a Fulbright fellowship beginning in 2018, candidates must have received their Ph.D. degrees no earlier than April 2015. Holders of tenure track positions are not eligible to apply. Individuals who have already begun postdoctoral research activities in Israel prior to the application date are also not eligible.

Fulbright-EHESS Post-Doctoral Award (Junior Research) to France
The Ecole des Hautes Etudes en Sciences Sociales (EHESS) is an esteemed university located in Paris, France. The first mission of the EHESS is to help young researchers acquire an international scientific background through the quality of its training, the international profiles of its professors and the quality and scope of its research. In addition to pursuing his or her own research, the grantee will participate in a seminar series conducted by the associated research center. French language proficiency sufficient to complete the research project is required, and applicants must obtain their Ph.D. by June 2018 to be eligible.
Applicants are welcome to join us on May 10 at 2PM EST for our annual Fulbright Grants for Postdoctoral and Early Career Applicants webinar. You can also explore hundreds of other grant opportunities in our Catalog of Awards. Applications are due August 1, 2017.

National Fish Passage Program
F17AS00030
Department of the Interior, Fish and Wildlife Service
Deadline: September 30, 2017

Coastal Program F17AS00014
Department of the Interior, Fish and Wildlife Service
Deadline: September 30, 2017

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

Partners for Fish and Wildlife
F17AS00015
Department of the Interior, Fish and Wildlife Service
Deadline: September 30, 2017

MI DEQ Nonpoint Source Implementation RFP (FY2018)
2018 Draft Schedule for Implementation Grants
2/17/17: Watershed Plans must be submitted for Approval
6/12/17: Draft RFP information Released
7/19/17: RFP Released
7/19/17: Watershed Plans must be 319 Approved
7/25/17: Webinar – RFPs, Eligibility, Priorities, and NOI form
8/16/17: Notice of Intent Letters due
8/30/17: Invitations for Full Proposals sent via e-mail
9/12/17: Webinar – Priorities, Project and application tips
10/13/17: Proposals due
Proposal Review
Projects Awarded Early Summer 2018

MI DEQ Nonpoint Source RFP schedule (FY2018)
2018 Draft Schedule for Planning Grants
6/12/17: Draft RFP information Released
7/19/17: RFP Released
7/25/17: NPS Webinar
9/11/17: Proposals due
Proposal Review
Projects Awarded Mid-January 2018 -OR- after Federal FY18 Budget Approval
<table>
<thead>
<tr>
<th>Program Nbr</th>
<th>Title</th>
<th>Proposal Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-503</td>
<td>National Science Foundation Research Traineeship Program (NRT)</td>
<td>No date set for next year yet LOI: December 9, 2016 Prop: February 7, 2017</td>
</tr>
<tr>
<td>15-609</td>
<td>Division of Environmental Biology (core programs) (DEB)</td>
<td>Pre-Proposal: Jan. 23, 2017 Full Proposal: Aug 2, 2017</td>
</tr>
<tr>
<td>17-543</td>
<td>Antarctic Research</td>
<td>May 23, 2017</td>
</tr>
<tr>
<td>14-559</td>
<td>Opportunities for Promoting Understanding through Synthesis (OPUS)</td>
<td>August 1, 2017</td>
</tr>
<tr>
<td>15-577</td>
<td>Collections in Support of Biological Research (CSBR)</td>
<td>August 14, 2017</td>
</tr>
<tr>
<td>PD 98-1650</td>
<td>Biological Oceanography</td>
<td>August 15, 2017</td>
</tr>
<tr>
<td>PD 98-1610</td>
<td>Physical Oceanography</td>
<td>August 15, 2017</td>
</tr>
<tr>
<td>PD 98-1670</td>
<td>Chemical Oceanography</td>
<td>August 15, 2017</td>
</tr>
<tr>
<td>PD 98-1620</td>
<td>Marine Geology &amp; Geophysics</td>
<td>August 15, 2017</td>
</tr>
<tr>
<td>17-566</td>
<td>Geography and Spatial Sciences Program</td>
<td>September 7, 2017</td>
</tr>
<tr>
<td>PD 17-7643</td>
<td>Environmental Sustainability</td>
<td>October 20, 2017</td>
</tr>
<tr>
<td>PD 17-1417</td>
<td>Chemical and Biological Separations</td>
<td>October 20, 2017</td>
</tr>
<tr>
<td>PD-17-1440</td>
<td>Environmental Engineering</td>
<td>October 20, 2017</td>
</tr>
<tr>
<td>PD 09-6882</td>
<td>Environmental Chemical Sciences (ECS)</td>
<td>October 31, 2017</td>
</tr>
<tr>
<td>15-536</td>
<td>Research Experiences for Teachers (RET) in Engineering and Computer Science Limited Submission – Internal Deadline:</td>
<td>November 1, 2017 not posted yet for 2017</td>
</tr>
<tr>
<td>15-600</td>
<td>Integrated Earth Systems (IES)</td>
<td>November 14, 2017</td>
</tr>
<tr>
<td>14-601</td>
<td>Dynamics of Coupled Natural and Human Systems (CNH)</td>
<td>November 21, 2017</td>
</tr>
<tr>
<td>16-506</td>
<td>Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)</td>
<td>December 8, 2017</td>
</tr>
<tr>
<td>15-568</td>
<td>Earth Sciences Postdoctoral Fellowships (EAR-PF)</td>
<td>January 9, 2018</td>
</tr>
<tr>
<td>15-504</td>
<td>Major Research Instrumentation Program (MRI) Limited Submission – Internal Deadline:</td>
<td>January 10, 2018 October 25, 2017</td>
</tr>
<tr>
<td>16-517</td>
<td>National Robotics Initiative (NRI)</td>
<td>January 11, 2018</td>
</tr>
<tr>
<td>PD 98-1680</td>
<td>Ocean Technology and Interdisciplinary Coordination</td>
<td>February 15, 2018</td>
</tr>
<tr>
<td>APPENDIX</td>
<td>PROGRAM</td>
<td>NOI/Step 1 DUE DATE [2]</td>
</tr>
<tr>
<td>----------</td>
<td>-------------------------------------------------------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>A.1</td>
<td>Earth Science Research Program Overview</td>
<td>N/A</td>
</tr>
<tr>
<td>A.2</td>
<td>Land-Cover/Land-Use Change</td>
<td>4/3/2017 (NOI)</td>
</tr>
<tr>
<td>A.8</td>
<td>Supporting UN Sustainable Development Goals 14 and 15 in the Context of Climate Variability and Change</td>
<td>TBD</td>
</tr>
<tr>
<td>A.9</td>
<td>ECOSTRESS Science Team</td>
<td>TBD</td>
</tr>
<tr>
<td>A.10</td>
<td>Physical Oceanography</td>
<td>5/30/2017</td>
</tr>
<tr>
<td>A.11</td>
<td>Ocean Salinity Science Team</td>
<td>7/31/2017</td>
</tr>
<tr>
<td>A.14</td>
<td>Ocean Vector Winds Science Team</td>
<td>9/29/2017</td>
</tr>
<tr>
<td>A.16</td>
<td>Cryospheric Science</td>
<td>5/16/2017</td>
</tr>
<tr>
<td>A.17</td>
<td>IceBridge Research</td>
<td>10/3/2017</td>
</tr>
<tr>
<td>A.19</td>
<td>Solar Irradiance Science Team</td>
<td>8/4/2017</td>
</tr>
<tr>
<td>A.20</td>
<td>Atmospheric Composition: Laboratory Research</td>
<td>N/A</td>
</tr>
<tr>
<td>A.23</td>
<td>Fire Impacts on Regional to Global Scales: Emissions, Chemistry, Transport, and Models</td>
<td>N/A</td>
</tr>
<tr>
<td>A.24</td>
<td>DSCOVR Science Team</td>
<td>TBD</td>
</tr>
<tr>
<td>A.25</td>
<td>Terrestrial Hydrology</td>
<td><strong>06/28/2017</strong></td>
</tr>
<tr>
<td>A.29</td>
<td>Rapid Response and Novel Research in Earth Science</td>
<td>N/A</td>
</tr>
<tr>
<td>A.33</td>
<td>Science Team for the OCO Missions</td>
<td>N/A</td>
</tr>
<tr>
<td>A.34</td>
<td>Earth System Science Pathfinder (ESSP) Venture-class Science Investigations: Earth Venture Suborbital-3</td>
<td>TBD</td>
</tr>
<tr>
<td>A.36</td>
<td>New (Early Career) Investigator Program in Earth Science</td>
<td>7/31/2017</td>
</tr>
<tr>
<td>A.37</td>
<td>The Science of Terra, Aqua, Suomi NPP, and JPSS</td>
<td><strong>06/19/2017</strong></td>
</tr>
<tr>
<td>A.39</td>
<td>Earth Science Applications: Health and Air Quality</td>
<td>TBD</td>
</tr>
<tr>
<td>A.40</td>
<td>Earth Science Applications: Disaster Risk Reduction and Resilience</td>
<td>TBD</td>
</tr>
<tr>
<td>A.42</td>
<td>Advancing Collaborative Connections for Earth System Science</td>
<td>TBD</td>
</tr>
<tr>
<td>E.2</td>
<td>Topical Workshops, Symposia, and Conferences</td>
<td>N/A</td>
</tr>
</tbody>
</table>
10. 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 Carol Asiala (mtcws@mtu.edu)
- If you are not already on the glrc-student-community-l 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 Water and Society colloquium course.

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

11. Student Research Grants (August 11) and Travel Grants (June 30)

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 9, 2016   March 3, 2017   August 11, 2017

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).

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 2 weeks in advance of planned travel.

Applications for Travel and Research grants are online at: http://www.mtu.edu/greatlakes/about/documents/glrc-travel-grant-app.pdf
Student advisors must be a faculty member of the GLRC (CWS Faculty) or the students must be supported on a GLRC-affiliated research grant.

Students will also be required to indicate how they would like to provide a return on the GLRC investment. Options include:
   a. presenting a poster at World Water Day in March;
   b. assisting with preparations for World Water Day;
   c. assisting with GLRC-sponsored outreach activities;

12. Colloquium Course – UN5100 – next offered: Spring 2018

Water & Society Colloquium Course
Spring 2017 Topic: “Holistic Health Assessment for a Waterborne Contaminant from Multiple Perspectives”
Course Number: UN5100, CRN 13023, 1 credit
Time/Location: Tuesdays 3:35-4:25 in Dow 875 (Confirmed)
Course Organizer: Noel Urban (nurban@mtu.edu)
http://www.mtcws.mtu.edu/education_colloquium.html
Each week, participants will read a journal paper or scientific report in preparation of discussion sessions on Tuesdays. Select films from the Green Film series (held Thursday evenings) will be used in lieu of the paper/Tuesday discussions. Students not registered for the course and faculty are encouraged to participate.

Discussion sessions will be led by a group of students and faculty. This group will prepare a few questions or comments the week preceding the discussion and send these to the class as a way to begin focusing the discussion. The group will begin the discussion session with a 10-minute summary of the major issues covered by the preceding week’s reading and repeat the discussion questions.

This course (or SS 5325) is required for the CWS Graduate Certificate in Sustainable Water Resources Systems.

13. Seminar Speaker Support Program
Great Lakes Research Center members can apply for assistance in bringing seminar speakers to Michigan Tech. Lecture topics should be of interest to the GLRC, and the visit should correspond with GLRC goals. The Seminar Speaker Request form should be emailed to Carol Asiala at mtcws@mtu.edu.

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

Michigan Technological University is a member university of CUAHSI (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 members will now receive discounted registration rates for CUAHSI events and workshops. Michigan Tech faculty, staff and students are CUAHSI members, and are eligible for the member discount. The member discounts will go into effect for the 2017 CUAHSI Conference on Hydroinformatics. Simply choose the CUAHSI member registration type when registering to receive the discounted rate. The member discounts for CUAHSI training workshops will go into effect starting in 2018.

15. Job Opportunities

**Stormwater Program Coordinator, Environmental Programs**
Grand Valley Metro Council  
Posted on June 12, 2017

**Director, Maine Sea Grant (id:41595)**
Sea Grant  
Review begins on July 17, 2017

**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](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)

16. Student Opportunities

**Fall 2017 Finishing Fellowship Nominations**
Michigan Technological University  
Deadline: 4:00 pm on July 6, 2017
Graduate Research & Training Scholarship Program (GRTSP)
NOAA
Applications accepted twice per year

Research Associateship Programs
The National Academies
4 application deadlines throughout the year
Participating agencies include: NOAA and EPA