1. On-campus Seminars
2. GLRI –RFP Great Lakes Long-Term Biological Monitoring Program
4. Conferences & Webinars
5. Graduate Certificate in Sustainable Water Resources Systems
6. CWS Student Research Grants and Travel Grants
7. Open RFPs of on-going interest to CWS
8. New Funding Opportunities
9. CWS Colloquium Course – UN5100
10. Job Opportunities

1. On-campus Seminars

Thursday, August 9, 2012
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MS Defense: Ashlee Vincent, Environmental Engineering
John S Gierke, Advisor
“Effective Water Treatment for Rural Communities in Suriname: A Comparison of Point-of-Use Ceramic Filters Versus Centralized Treatment with Rapid and Slow Sand Filters”
Dow 875   9:00 am

Thursday, August 9, 2012
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MS Defense: John P. Baeten, Industrial Archaeology
Patrick Martin, Advisor
“The Klondike System: Technology, Mining Methods and Landscapes in a Placer Mining District in Fairbanks, Alaska”
Admin 404   3:00 pm

Tuesday, August 14, 2012
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MS Defense: Selene Gonzalez Morales, Environmental Engineering
Alex Mayer, Advisor
“Assessing of Soil Erosion vulnerability in Rural Communities in the vicinity of Motozintla de Mendoza Chiapas, Mexico: A physical and sociological approach”
Dow 875   10:00 am

2. GLRI –RFP Great Lakes Long-Term Biological Monitoring Program

Funding Opportunity Number: EPA-R5-GL2012-2
Opportunity title: Great Lakes Long-Term Biological Monitoring of Zooplankton, Benthos and Chlorophyll a
Biology and Monitoring Request for Applications EPA-R5-GL2012-2 (PDF) (38pp, 148K)  
July 12, 2012

September 3, 2012 (tentative) - EPA will notify finalist.  
September 24, 2012 (tentative) - EPA will make official award.


September 10-13, 2012  
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Great Lakes Week  
Taking Action, Delivering Results  
The Renaissance Hotel, Cleveland, Ohio

Great Lakes Week involves meetings and activities of:  
International Joint Commission  
Great Lakes Commission  
Great Lakes Week Joint Session  
HOW Coalition’s 8th Annual Great Lakes Restoration Conference (* earlybird registration ends July 31)  
Great Lakes Areas of Concern Annual Conference

For more information and registration: http://glweek.org/

4. Conferences & Webinars

Wednesday, August 8, 2012  
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**Impacts of Forest Biomass Harvesting on the Mobility and Bioaccumulation of Mercury in the Western Great Lakes Region** (Carl Mitchell, Ph.D.)  
**An Evaluation of Atmospheric Mercury Deposition Monitoring in the Great Lakes Region** (Marty Risch)  
Atmospheric Toxics Webinar Series  
Great Lakes Air Deposition (GLAD) Program  
http://www.glc.org/glad/meetings/webinar2012/  
REGISTER NOW 2:00-4:00 PM ET

August 20 – September 10, 2012  
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Public Meetings on Lake Erie Ecosystem Priority  
http://www.ijc.org/rel/news/2012/120730_e.htm

Friday, September 28, 2012  
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**International Science & Engineering Visualization Challenge**  
National Science Foundation  
Deadline: September 28, 2012
Virtual Academy Webinar: Water Quality Standards 101
EPA
1:00 to 3:00 p.m. EST
For more information, http://water.epa.gov/learn/training/standardsacademy/index.cfm
Register

5. Graduate Certificate in Sustainable Water Resources Systems
The degree schedule for the graduate certificate in Sustainable Water Systems Resources is available on the CWS and graduate school websites.

http://www.mtcws.mtu.edu/education_gradcert.html

http://www.mtu.edu/gradschool/administration/academics/forms-deadlines/pdfs/Certificates-ICSW.pdf

6. CWS Student Research Grants and Travel Grants

Graduate and undergraduate research awards are now due the first Friday in December and March of each year. 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).

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.

Applications for Travel and Research grants are online at:
http://www.mtcws.mtu.edu/education_studentgrants.html

7. Open RFPs of ongoing interest to CWS

Funding Opportunity Number: EPA-R5-GL2012-2
Opportunity title: Great Lakes Long-Term Biological Monitoring of Zooplankton, Benthos and Chlorophyll a
September 24, 2012 (tentative) - EPA will make official award.
**Advancing Informal STEM Learning (AISL)**
National Science Foundation (NSF)
Directorate for Education and Human Resources (EHR)
Division of Research on Learning in Formal and Informal Settings (DRL)
**Deadline:**
- Preliminary Proposal – August 14, 2012
- Full Proposal – January 15, 2013

**Partnerships for Innovation: Building Innovation capacity (PFI:BIC)**
NSF 12-578
**Limited Submission** – Internal Deadline: 9/4/2012
Letter of Intent: 9/26/2012
Full Proposal: 12/12/2012

**Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)**
National Science Foundation
[http://www.mtu.edu/research/administration/sponsored-programs/enhancement/identification-funding/limited-submission/opportunities.html](http://www.mtu.edu/research/administration/sponsored-programs/enhancement/identification-funding/limited-submission/opportunities.html)
Internal deadline: **August 16, 2012 4PM**
PI limit: None
Number per organization: One (1) type 1 proposal (see solicitation for additional information)
Full proposal deadline: **September 25, 2012**

8. **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, Mary Ellen Stevens (SFRES) and Carol Asiala (GMES) can also sign for CWS.

**National Center for Innovative Treatment Technology in Small Drinking Water Systems**
US EPA
Opens May/June 2012 [ **changed to Summer/Fall 2012** ]

9. **CWS Colloquium Course – UN5100**

**Center for Water & Society Colloquium Course** – Will be offered again in Spring 2013
Spring 2012 Topic: **“Humans and Aquatic Ecosystems: A Fluid Situation”**
**Course Number:** UN5100, CRN 14698, 1 credit
**Course Organizers:** Noel Urban (nurban@mtu.edu), John Gierke (jsgierke@mtu.edu)
[http://www.mtcws.mtu.edu/education_colloquium.html](http://www.mtcws.mtu.edu/education_colloquium.html)
10. Job Opportunities

NEMWI Position Description: Director of Great Lakes Washington Program

The Northeast-Midwest Institute (NEMWI) seeks a director for its Great Lakes Washington Program (GLWP). Funded by grants from the Joyce and Mott Foundations, the GLWP serves to inform and energize the bi-partisan and bi-cameral Congressional Great Lakes Task Forces to facilitate bipartisan action to address critical Great Lakes regional issues, especially ecological restoration, older cities revitalization, and sustainable economic growth and transportation. GLWP activities include actively researching emerging federal policy issues and options; serving as a liaison among sectors and stakeholders, levels of government, and federal agencies and elected officials in Washington, DC; and providing information to Great Lakes Task Force member offices on legislative, policy, and budgetary matters relevant to the Great Lakes via reports, face-to-face meetings and balanced briefings. He/she also helps coordinate, on behalf of NEMWI, Great Lakes relevant activities in Washington, DC, across parties, sectors, and stakeholder groups.

The successful candidate will have:

- Clear, Concise Writing Skills: Candidate will write grant proposals and reports; white papers; briefing documents, website content, etc.
- Strong Analytical Skills: Candidate will conceive, design and produce reports relevant to current policy initiatives and how such initiatives could impact the Great Lakes;
- Strong Organizational Skills: Candidate must track numerous programs in complex appropriations legislation, plan and facilitate regular Hill briefings, compose monthly legislative updates; and maintain a blog, among other challenging organizational tasks;
- Leadership Skills: The Candidate will help align Great Lakes regional objectives despite fractious party politics. He/she will also nurture attention to and consensus on shared Great Lakes priorities within the bipartisan Great Lakes Task Forces and the wide range of stakeholder groups, federal agencies, and States within the Great Lakes St. Lawrence Seaway system.
- Strong Interpersonal Skills, and a High Degree of Professionalism: Candidate will interface with diverse stakeholder groups from industry to environmental sectors, elected officials, agency leadership and foreign nationals; he/she must be genuinely respectful of all points of view relevant to the Great Lakes, and have the interpersonal skills and professionalism to become a central and trusted player with contacts on and off the Hill, and within the NEMWI team, in the effort to address critical Great Lakes policy concerns.
- Willingness to Travel: Accessibility to stakeholders at Great Lakes conferences and events is a critical service of the GLWP;
- Regional Connection: Direct familiarity with the Great Lakes region is a requirement of this position;
- Academic Training and Professional Experience in Related Fields: The candidate must demonstrate direct experience with and expertise relative to the region’s policy priorities, including protection and restoration of the Great Lakes ecosystem, waterborne transportation and older cities revitalization are required; and
• Hill Experience: The candidate will have in place familiarity (i.e., at least two years direct experience) with Capitol Hill processes and staff.

NEMWI offers competitive salaries and benefits and is an equal opportunity employer. Please send a cover letter, resume and writing sample to acangelo@nemw.org. Place only the words “GLWP Application” in the subject line to assure our receipt of the application. The deadline for applications is August 17, 2012.

Note: NEMWI website is www.nemw.org/ link to job announcement is http://www.nemw.org/index.php/contact-us/internships-and-jobs/327-nemwi-position-description-director-of-great-lakes-washington-program but at the time of writing this newsletter, these links did not connect. Carol

Center for Water and Society Web Site: http://www.mtcws.mtu.edu