In this month’s issue, online at: http://ag.udel.edu/dwrc/:

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**I. DWRC NEWS**

**Mentors / Projects Needed: 2008-09 *DWRC* Undergraduate Internship Program**

- **Current project proposals:**

- **Brochure and information about the 75 current & past internship projects funded since 2000:**

- **Current faculty advisors, application materials, report and poster requirements:**
  [http://ag.udel.edu/dwrc/job.html](http://ag.udel.edu/dwrc/job.html)

Students having a 3.0 GPA or better enrolled at any Delaware institute of higher learning (except those graduating in Spring ‘08) may **apply through Mar. 28** for *DWRC*’s undergraduate internships and earn up to $3500 at the rate of $10 per hour worked. *DWRC*’s research and education opportunities are especially attractive to undergraduates seeking mentored experiences leading to publication and possibly a degree with distinction or senior thesis. All interns must have the active support of a mentor who matches intern earnings 2:1, usually through a commitment of time to the project. Advisors may mentor up to two students concurrently.

If you would like to mentor a deserving *DWRC* intern and/or propose a project of up to 350 hours to be completed by Feb. 28, 2009, contact Maria Pautler at 302-831-0847 or mpautler@udel.edu.
**Friday, May 2, 2008:** Free DWRC 2007-08 Undergraduate Internships research project Poster Session, part of larger session sponsored by UD Undergraduate Research Scholars Program. 2:00 p.m. - 4:30 p.m., UD Trabant University Center Multipurpose Rooms A, B & C, Newark, DE.

**II. JOBS IN WATER RESOURCES**

**2008-09 Delaware Water Resources Center undergraduate internships.** See I above.

**Summer 2008 Undergraduate Research Fellowships**  
**NSF-REU Site in Watershed Sciences and Engineering at Virginia Tech**

Now accepting applications for the second year of a 10-week summer undergraduate research experience in interdisciplinary watershed sciences and engineering at Virginia, funded through the National Science Foundation – Undergraduate Research Experience (NSF-REU) program. Successful applicants will join one of the ongoing research projects in water environment sciences and engineering at Virginia Tech and conduct individual research under the supervision of one or more faculty member/s. Program details and application requirements: [http://www.vwrrc.vt.edu/nsf_reu.html](http://www.vwrrc.vt.edu/nsf_reu.html) and Dr. Tamim Younos, e-mail [tyounos@vt.edu](mailto:tyounos@vt.edu). Application deadline is **Mar. 1, 2008**.

**Delaware State University** offers water-related undergraduate and graduate assistantships, and undergraduate scholarships. Contact Dr. Dennis McIntosh, phone 302-857-6456, fax 302-857-6402, e-mail [dmcintosh@desu.edu](mailto:dmcintosh@desu.edu), or visit [http://cars.desu.edu/aqua-sci/opportunities.htm](http://cars.desu.edu/aqua-sci/opportunities.htm).

For news about fellowships through the **University of Delaware College of Marine & Earth Studies**, visit [http://www.ocean.udel.edu/prospective/scholarships/index.shtml](http://www.ocean.udel.edu/prospective/scholarships/index.shtml).

**III. UPCOMING WATER CONFERENCES / EVENTS**

The University of Delaware is pleased to announce "**The William S. Carlson International Polar Year Events,**" a series of public lectures, research seminars, art exhibits, and film showings at UD, to increase public awareness of the importance of the world’s polar regions. Visit [http://www.udel.edu/research/polar/events.html](http://www.udel.edu/research/polar/events.html)

Save the Date – Mar. 25, 2008 – More details coming soon

• “Creating a Livable Delaware: Pathways for Enhancing Prosperity and the Quality of Life,” a conference co-sponsored by the University of Delaware and the State of Delaware
• Location: Clayton Hall with a southern Delaware teleconference site at the UD Carvel Research and Education Center (http://ag.udel.edu/rec/)

The Delaware Section of the American Water Resources Association meeting information is found at http://www.deawra.org/Meetings/meetings.php.

IV. WATER RESOURCES INFORMATION / TRAINING

Delaware Geological Survey scientists monitoring water supply conditions in southern New Castle County

DWRC advisory panel member A. Scott Andres and his current DWRC interns, Janine Howard and Marie Rivers, are testing wells east of U.S. Route 13 and south of Middletown and are looking for volunteers to assist. For further information, visit http://www.delawareonline.com/apps/pbcs.dll/article?AID=/20080114/NEWS/801140365, call 302-831-0599, or email asandres@udel.edu.

Sierra Club Student Coalition offers Summer Programs (SPROG) for Environmental Leadership Training. Visit http://www.ssc.org/.

CoastLines Call for Teachers

CoastLines is a Comprehensive Project for Students and Teachers funded by the Information Technologies for Students and Teachers program at the National Science Foundation. CoastLines will recruit 30 teachers each year to learn to use geographic information systems (GIS) and global positioning systems (GPS) to investigate ocean research conducted by scientists at four sites in NSF’s Long-term Ecological Research (LTER) network. Since 1980 NSF has been monitoring 26 marine LTER sites, scattered across coastal United States, Antarctica, and French Polynesia. Confirmed CoastLines LTER partners are Florida Coastal Everglades (FCE), Moorea Coral Reef (MCR), and Santa Barbara Coastal (SBC). Summer institutes will be held at the home institutions of the collaborating sites, currently Florida International University (FCE) and the University of California, Santa Barbara (MCR and SBC). Teachers will use data from the Moorea site as a baseline to compare ecological information from the U.S. locations.

During their time with the CoastLines project, teachers will:
- attend an online course in which they will learn how to use the My World GIS software, GPS technology, data from the participating LTER sites, and field-data collection protocols to create standards-based activities for classroom instruction;
-attend a two-week summer institute at one of the three mainland LTER sites during which they will interact with project staff and LTER scientists and design and test activities based on LTER science; and
-receive support from the project as they implement a CoastLines activity in their classroom.

Each project participant will receive:
-24 hours of online training, 40 hours of face-to-face professional development, and 16 hours of implementation support;
-compensation for all travel and lodging expenses related to the summer institute;
-a stipend for all time spent on the project;
-continuing education units (CEUs) or graduate credit;
-the use of all materials provided by the project; and
-a 10-seat license for the My World GIS software.

Grade 7-12 educators who teach science, mathematics, social studies, language arts, and integrated technology are encouraged to apply to the project. Information packets and applications are available as of Jan. 2008. To be placed on the project's contact list, visit [http://www.coastlines.ws](http://www.coastlines.ws) and click on the "CoastLines Contact Form" link near the bottom on the opening page.

Welcome new subscribers! Contributions, comments and questions are always appreciated. Water E-News serves citizens interested in topics on Delaware water resources and is published by the Delaware Water Resources Center, University of Delaware. Our address: 113 Townsend Hall, Newark, DE 19716-2103. Phone: 302-831-0847; fax: 302-831-0605; Web: [http://ag.udel.edu/dwrc/](http://ag.udel.edu/dwrc/). Dr. Tom Sims, Director, email [itsims@udel.edu](mailto:itsims@udel.edu); Maria Pautler, Program Coordinator, email [mpautler@udel.edu](mailto:mpautler@udel.edu). To unsubscribe, email [mpautler@udel.edu](mailto:mpautler@udel.edu) with "Unsubscribe Water E-News" in the subject line.