Announcements:

Barr Engineering – Meet and Greet

Meet and Greet with Barr – MTU Student Presentation

Voted as one of the Best Places to Work, Barr Engineering is looking for great talent!

Monday September 28th at 5 pm
Memorial Union Building, Datolite Room
Learn more about our challenging projects, great work environment, career development and much more!
Sign up available on NACElink through the Career Services website

Free Pizza & refreshments for all who attend!

See you there!

Career Fair – September 29th
SDC: 12–6 PM
http://www.career.mtu.edu/

Career Fair Prep -- Wednesday
September 23 – TODAY!!
Memorial Union Building,
Room: Ballroom A, Time: 6:00 PM
Learn what to expect, how to dress, and how to prepare yourself to be successful at the 2009 Fall Career Fair.
Evening with Industry 2009

Hello!

On behalf of the Society of Women Engineers, I would like to invite all those searching for an upper hand in the Career Fair to join us for Evening with Industry 2009.

Evening With Industry is an annual event that has helped many engineers of all majors get a foot in the door with companies at the Career Fair. It gives students a chance to talk with company representatives before the Career Fair in a relaxed environment and dine on some good food while doing it! After talking with students at EWI, many companies have set up interview times on the spot!

In this tough economy, finding a career can be a daunting task; but EWI can help! Not only will you get to dine on a fine meal presented by the MUB dining services, but you will get the chance to sit with multiple representatives and talk about yourself and what they have to offer.

There will be ticket sales during the week of September 21–25, from 10am–2pm each day in the Fisher common area. The first 50 tickets are FREE! After that, tickets are $15 for students and $10 for National SWE members. So get your ticket early, and tell your friends!

EWI will be held on September 28th at 5:30pm in the MUB Ballrooms A&B (Isle Royal Ballroom).

For more information, please contact me via email or phone.

Sincerely,
–Aaron J. Cypher
EWI Committee Head

(269) 762–2167
ajcypher@mtu.edu

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Michigan Technological University
Mechanical Engineering

NSLS Secretary
ASME Vice President
Nordic Ski Club Secretary
Scholarships/Fellowships:

Post-Tensioning Institute – Scholarship

The Post-Tensioning Institute is pleased to announce a new scholarship program for senior and graduate engineering students. The William C. Bailey Memorial Scholarship fund will provide a scholarship in the amount of $3,500 to two deserving students for the 2010 Spring term. Details of the program along with an application form can be found on the following website:

http://www.cee.mtu.edu/advise/Advising%20Announcements.html

Dr. Ahlborn is available if you have questions (108 Dillman Hall, MTU). Applications are due November 13, 2009, with the awards to be announced on December 14, 2009. Award recipients and their faculty advisors will be honored at an award ceremony that will be held in conjunction with the Post-Tensioning Institute’s Annual Technical Conference that will be held in Ft. Worth, Texas in May 2010.

If you have any questions, please contact me.
Sincerely,
Theodore L. Neff, P.E.
Executive Director
Post-Tensioning Institute
PH: 248-848-3185
www.post-tensioning.org

ACI Foundation Fellowships & Scholarships

Please note: Applications will be accepted for ACI Foundation Fellowships and Scholarships for the 2010–2011 academic year from May 1, 2009 through October 30, 2009.

There are many ACI Foundation Fellowship and Scholarship opportunities for ACI Student Members and E-Members attending school in the U.S. or Canada. Awarded annually, ACI Foundation Fellowships and Scholarships help students with an interest in concrete achieve their educational and career goals.

Information and application information can be found on the following website:

http://www.concrete.org/STUDENTS/st_scholarships.htm

West Michigan Chapter of the Air & Waste Management Association Scholarship

The West Michigan Chapter of the Air & Waste Management Association is pleased to announce the availability of up to three (3) $1,500.00 scholarships to be awarded to students pursuing a career in environmental management. Each applicant will receive a one year student WMAWMA membership.

Application information can be found on the following website:

http://www.cee.mtu.edu/advise/Advising%20Announcements.html.

The application deadline is December 1, 2009.
Environmental Engineers of the Future – prospective EEN grad students

Dear prospective Environmental Engineering graduate student:

The Environmental Engineers of the Future funding program is sponsored by public and private organizations that believe students entering the workforce with a Master's Degree in Environmental Engineering are vital to address challenging environmental and infrastructure needs throughout the U.S. The program is offering up to $10,000 in funding for up to 10 students who will pursue a Masters Degree in Environmental Engineering during academic year 2010–2011. For academic year 2009–2010, funding was offered to approximately 20% of applicants.

The priority application period will start on October 1, 2009. For more information, please see the poster link below and feel free to post a hard copy at appropriate locations on campus to inform other students that may be interested. (poster link: http://www.lacsd.org/civica/filebank/blobdload.asp?BlobID=4163#page=1)

We also invite you to visit our website at http://www.engineeringmastersfunding.org.

Sincerely,

Environmental Engineers of the Future

EPA Greater Research Opportunities (GRO) Fellowships for Undergraduate Environmental Study

Title: 2010 Academic Year EPA Greater Research Opportunities (GRO) Fellowships for Undergraduate Environmental Study


Open Date: 09/15/2009  –  Close Date: 12/10/2009

Summary: The U.S. Environmental Protection Agency (EPA), National Center for Environmental Research (NCER), invites applications for the Greater Research Opportunities (GRO) Fellowships for undergraduate environmentally related study for bachelor’s level students. The deadline for receipt of applications is December 10, 2009. Subject to availability of funding, the Agency plans to award approximately 30 new fellowships by July 30, 2010. The fellowship provides up to $19,250 per year of academic support and $8,000 for internship support for a combined total of up to $46,500 over the life of the fellowship.

The GRO program enhances and supports quality environmental education for undergraduates, and thereby encourages them to continue their education beyond the baccalaureate level, and pursue careers in environmentally related fields. The actual amount awarded per year will vary depending on the amount of tuition and fees and the number of months the stipend is required. This fellowship is intended to help defray costs associated with environmentally oriented study leading to a bachelor’s degree.
Graduate Programs:

**Vestas’ Graduate Programme (International)**

Dear graduates and Alumni;

If your graduation is within reach, we would like to encourage you to consider Vestas’ Graduate Programme as your first job. It’s a 2-year international programme with three modules rotating in three different countries and is structured to provide you with competences that will bring you even further in your future career. You get the opportunity to work in Denmark, China, USA, India, UK, Spain, Germany, Singapore or even Australia. Read more on [http://vestas.com/graduateprogramme](http://vestas.com/graduateprogramme) and watch our film about life as a graduate in Vestas.

Positions for March 2010 will be launched 14 September 2009

Application deadline is 5 October 2009

Please don’t hesitate to contact me, if you have any questions regarding the above.

Please submit your resume and cover letter to the address listed below or to the following email address: mesat@vestas.com

Yours sincerely / Med venlig hilsen

Merete Sandager Thomsen

University Relations Coordinator
BU People & Culture
Vestas Wind Systems A/S
T: +45 9730 3044
M: +45 25 477 388
MESAT@vestas.com

Jim Turnquist
Director, Career Services
Michigan Tech
Job Postings:

Performa – HVAC Engineer

Position title: HVAC Engineer- PE
Location: De Pere, WI

Term of employment: Regular
Type of employment: Full Time
Start date of this position: Immediate
Starting salary range: not provided

Education (minimum): Bachelor’s Degree
Experience level (minimum): 4–6 Years as PE

Specific duties include HVAC & plumbing planning, engineering and construction document production, project estimates, contract negotiations/bid reviews, and holding client relationships in the areas of HVAC and plumbing engineering. Additional duties may include energy analysis, cost/benefit analysis, sustainable design (as it pertains to HVAC & plumbing systems), existing system condition assessment, and construction administration activities.

The ideal candidate will possess:
- Bachelor’s Degree in Mechanical Engineering or Architectural Engineering with an emphasis or specific training in HVAC engineering in building environments. Building types include law enforcement, detention, office, training, and developer-driven corporate and retail based facilities.
- Five to ten years experience and Professional Engineer license required and ability to procure registration in multiple states across the nation.
- Demonstrated ability to communicate project objectives, problems and scope changes.
- Strong written, verbal presentation and communication skills.
- Exceptional interpersonal skills managing multi–level communications and relationships are essential.
- Must demonstrate an ability to work well in a team/collaborative setting, make sound decisions and drive action cross functionally.
- Demonstrated exceptional planning, analytical, and problem solving skills.
- Ability to function effectively in a demanding environment and manage multiple projects simultaneously.
- Proficient in MS Office (Word, Excel, Access, Outlook).
- Proficient in specialized HVAC engineering software.

Interested candidates should send their resume and cover letter to:
Theresa Schroeder
Performa, Inc.
124 N. Broadway
DePere, WI 54115
Check us out at www.performainc.com
Or: www.performacycling.blogspot.com
Kiewit Corporation – Environmental Coordinator

Job Title: Environmental Coord.
Job ID: 904103
Location: UT – Utah

Company Information
Kiewit Corporation is one of North America's largest and most respected construction, engineering and mining organizations. With more than $10 billion in revenue, this privately held, employee-owned company operates through a network of business units called districts. Kiewit consistently ranks as a FORTUNE 500 company and in the top five among Engineering New-Record’s Top 400 Contractors. With its beginnings tracing back to 1884, Kiewit offers services in a variety of markets including transportation, buildings, water resources, power, underground, oil and gas, electrical, mining and marine. Kiewit's workforce includes 9,500 core staff and more than 17,500 skilled craft workers. Kiewit hires people who take on new challenges, explore new ideas, and excel at their work.

The Phoenix District conducts its operations through Kiewit Western Co. and Kiewit Southwest Co., subsidiaries of Kiewit Corporation. We build highways, bridges, runways, transit systems, power plants, dams, tunnels, and water and wastewater treatment plants across Arizona, Nevada, California, Utah and Idaho.

To learn more about Phoenix District please go to www.kiewit.com/phoenix.

Responsibilities
* Oversees, inspects and administers a full range of environmental protection measures.
* Ensures environmental compliance by meeting objectives, regulatory requirements and contract specifications.
* Manages project objectives within agreed upon scope, schedule, and budget.
* Liaises and attends meetings with government agency representatives, local and regional stakeholders.
* Assigns work and provides instructions, advice, technical leadership and guidance to project staff.
* Responds to unforeseen environmental issues not covered by existing regulations or standards.

Qualifications
* Willingness to learning and grow with a fast paced company
* Self starter and ability to make proper decision
* Willing to transfer to other operation when needed
* Ability to direct personnel and operations

Equal Employment Opportunity
Kiewit is an Equal Opportunity Employer.

Apply at:
Crown Castle International – Engineer I


Position: Engineer I
Location: Canonsburg, PA – Headquarters

Job Description:
Entry level engineer who produces the products provided by our Structural Analysis process under the direction of more advanced and professionally licensed engineers.

**Essential Job Functions**

- Perform structural analysis of communications towers and foundations and produce reports for review and approval by an experienced engineer.
- Perform engineering projects and studies.
- Review peer work product.
- Assist in the development of engineering processes and standards.
- Lead structural analysis workflow through triage analysis processes.
- Develop analysis assistance tools with MS Excel.
- Research documents to perform due diligence on tower acquisition projects.
- Work with area personnel to ensure database accuracy.
- Ensure CAD drawings are updated to include modifications to existing sites and new construction.
- Check engineering drawings for accuracy.

**Education/Certifications**

- Bachelor’s Degree in Civil Engineering, preferably specializing in structures

**Experience/Minimum Requirements**

- Preferred to have passed the Engineering Intern examination by NCEES
- Related summer or co-op work is preferred

**Other Skills/Abilities**

- Experienced with MS Excel
- Written and verbal communication skills required

**Organizational Relationship**

Reports to: Manager Structural Design
Title(s) of direct reports (if applicable): N/A

Working Conditions: Works in a normal office setting with no exposure to adverse environmental conditions. Minimal travel as required.
Crown Castle International – Engineer II

Website: http://tbe.taleo.net/NA4/ats/careers/requisition.jsp?org=CROWNCASTLE&cws=2&rid=1214

Position: Engineer II
Location: Canonsburg, PA – Headquarters

Job Description:
Experienced engineer who is capable of independent research, supervision of the work of entry level engineers, and project management.

Essential Job Functions
- Perform structural analysis of communications towers and produce reports documenting results.
- Assist in or lead the development of Crown Castle policies, procedures, standards, and Code related activity.
- Develop analysis tools and training presentations.
- Respond to and resolve Engineering Consult issues.
- Review analyses for accuracy to ensure proper results in the field.
- Review and approve the work of other engineers.
- Facilitate training classes for other engineers; develop and teach classes on tower and foundation analysis, RISA.
- Tower modeling, and Crown engineering standards.
- Lead structural analysis workflow through the triage analysis processes.

Education/Certifications
- Bachelor’s Degree in Civil Engineering
- Expected to be capable of becoming professionally licensed within one (1) year
- Professional licensure and experience with the RISA Tower software program are major pluses

Experience/Minimum Requirements
- Five (5) years of structural engineering experience, preferably in the field of communication towers
- Experience with utility towers is applicable

Other Skills/Abilities
- Experience with some finite element analysis tool
- Experience with RISA Tower program is a plus, but not required
- Tower design or analysis experience
- Foundation design or analysis experience
- Strong computer skills including MS Excel
- Team leadership experience is a plus
- Written and oral communication skills are required

Organizational Relationship
Reports to: Manager Structural Design
Title(s) of direct reports (if applicable): N/A
Working Conditions: Works in a normal office setting with no exposure to adverse environmental conditions. Minimal travel as required.