

ENVIRONMENTAL ENGINEERING NEWSLETTER

August 2006



Greetings from Kumar

Dear Alumni,



Once again my heartfelt thanks for your continuous support of our Department. Our freshman enrollment has been steadily increasing mainly due to additional scholarships, visibility of our program with TV advertisements, support from faculty, and efforts from all of you. Good news is that we had three teams compete in the design contest and all three teams won the first place award. This is the first time any school has done this well. On top of that, one of the teams was selected to give a presentation in Washington DC. Three students, Richard Labbe, Janice (Radar) Lucon, John Constantine, and I just returned from the trip. While in DC the team was able to visit with Senator Max Baucus. The WERC director introduced the team to Senator Baucus saying “the Montana Tech Teams Kick Butt” in the competition. Of course, the Senator was pleased to hear that.

Once again thanks for your continuous support without which we cannot do these activities!!! I will be on sabbatical for the coming academic year and Dr. Holly Peterson will be in charge of the Department.

Kumar

PNWIS—Student Participation

In November, several members of the Environmental Engineers of Montana Tech (EEMT) attended the Pacific Northwest International Section of the Air and Waste Management Association (PNWIS) annual meeting held in Blaine, Washington. The students participated in a competition where they were asked to determine the feasibility of purchasing a coal fired power plant in China. The EEMT students did an excellent job of investigating the pros and cons of the project within the context of the global environmental regulations that applied, including carbon dioxide level reductions. They were very professional during their presentation and were awarded second place for their efforts. At the awards ceremony, the Montana Tech Student Chapter was awarded the PNWIS 2005 WILLENBERG - HANSEN CHAPTER RECOGNITION PROGRAM EAGLE AWARD for its valuable contributions to PNWIS. We also held an alumni reception which was well attended.



PNWIS Attendees in Blaine, WA, November 2005

Spring Workshop and Advisory Board Meeting

In March we had a very successful workshop celebrating the past, present, and future of the Environmental Engineering program. Speakers included: Floyd Bossard, who was instrumental in establishing the Environmental Engineering program, and he served as the first Department head; alumni, who discussed the challenges graduates will be facing as they enter the workforce; and representatives from the EPA and Montana DEQ, who discussed their vision about future environmental challenges. The workshop was well attended, and feedback was positive.



Alumni Workshop

An Alumni Advisory Board meeting was held the day before the workshop. The usual discussions regarding the Department, recruitment, retention and scholarships were held, but the primary discussion was the role of the Advisory committee and increasing the participation of alumni. A revised Charter was developed — see Page 5.

Scholarships for Students

The Environmental Engineering Department offered 10 outstanding high school graduates scholarships for the 2006-2007 academic year. At this point, nine of them have accepted. They all have excellent high school records and ACT scores ranging from 23 to 31 or SAT scores ranging from 1220 to 1480. We were able to award scholarships to these fine students due to the generous donation from alumni. The recipients and I thank you from the bottom of our hearts.

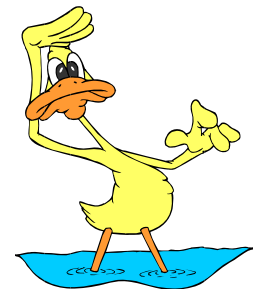
Lost Alumni

We have lost contact with the following alumni. If you know of their whereabouts, please forward their information to us or contact them and have them forward their address, phone, email and business information.

Kevin W. Albrechtsen
Abdulrahman A. Alshehri
Mark M. Badick
Daryl Balderson
Avinash T. Bhat
Heather M. Bleile
Michael Bodnar
Maximo D. Britos
Allen F. Brittner
Masten F. Brolsma
Jeanien M. Carmody
Carl G. Chapel
Youchang Chung
Theodore J. Cochrane

Clark J. Corey
Sarah M. Dakel
Eric F. Edelman
Ibrahim A. Eid
Victor K. Eleeas
Robert A. Fousek
Jose J. Garagorry
Darsen R. Gaughan
Gary D. Gilbert
Sean P. Gough
Allan B. Hansen
Carol S. Hardman
Jacob M. Harris
Anthony L. Hightree
Daniel L. Jarratt

Reed A. Kaldor
Charis A. Kenck
Gregory G. Klapwyk
Paul Kukay
Troy J. Kusler
Tammy J. Larson
Gregory S. Lester
Michael B. Manz
Jennifer A. Mehl
Margaret M. Melly
Timothy N. Moe
Kenneth E. Mullaney
Michael A. Noble
Fransiska Oetami
Yaw-Kong Pan



Pierre C. Pelletier
Richard M. Racine
Darla G. Reams
Julie Reid
Alma D. Riley
Susan A. Scott
Michael G. Summers
Michael J. Talhami
Gee T. Tan
Terrance J. Ternes
Steven J. Turner
Candelaria M. Vivas
Ruben J. Wallin
Walter W. Whetham



2006 Design Teams in Las Cruces, New Mexico

2006 Design Team Contest in Las Cruces, NM

Montana Tech students competed in three tasks in the 2006 Environmental Design competition in New Mexico in April. All three design teams won first place. Four first place trophies were awarded at the competition and Montana Tech won three of them. Montana Tech teams had the first place design in: (1) Low Energy Use Desalinization System, (2) Cleaning of a Water Distribution System, and (3) Removal of Tetramethylammonium Hydroxide from Liquid Waste Collection System.

The team that designed the Low Energy Desalinization System was later invited to present their design in Washington, D.C. in June.

Montana Tech was represented in an outstanding manner!!



Get Into It

Search for Advisory Committee Nominees

As a result of the revised Charter, Glenn Eurick, who is serving as the Nominations Coordinator, is looking for nominees to serve on the Advisory Board. If you would like to serve or know someone who would like to serve on the Advisory Board, please send your nomination to Glenn according to the following announcement:

Dear Montana Tech Environmental Engineering Alumni:

All Environmental Engineering alumni are being contacted to ask for your help by volunteering to serve on the Montana Tech Environmental Engineering Alumni Advisory Committee (MTEEAAC) board of trustees.

Montana Tech has built a top-quality Environmental Engineering program that prepares its graduates for successful professional careers. The program is now facing some significant challenges brought on by declining enrollments, limited budgets, and the changing profession of environmental engineering.

Your Environmental Engineering Department has had an Alumni Advisory Committee since 1996. To further improve on the effectiveness of the MTEEAAC, we have recently revised our Charter (next page) to bring it more in line with the College's other advisory boards. Together with the Department and College, we seek to:

- Identify quality students and assist recruiting them to the Environmental Engineering program at Montana Tech;
- Provide those quality students with scholarships by contributing to the Environmental Engineering Alumni Scholarship Fund;
- Participate in the recently initiated Environmental Engineering Reunion in October;
- Continue participation in the annual Environmental Engineering Alumni Workshop for students in March;
- Facilitate a higher level of alumni interaction with each other;
- Provide an Environmental Engineering alumni database accessible to all alumni for communication and to link alumni with career employment opportunities; and
- Develop Environmental Engineering alumni groups to support Department fundraising and recruiting.

Please consider serving on the Board of the MTEEAAC! If you determine you want to be a part of the continued success of the Environmental Engineering Department, please email an expression of interest along with a short biography to Glenn Eurick, MTEEAAC Board Nominations Coordinator, at EnvlssGrp@att.net no later than August 1, 2006. Submittals will be evaluated pursuant to the Charter and notifications made accordingly.

Thank you for your continued support of the Montana Tech Environmental Engineering Department.

Sincerely,

Glenn Eurick

Glenn Eurick
Nominations Coordinator

MTEEAAC Charter

Montana Tech Environmental Engineering Alumni Advisory Committee (MTEEAAC)
Original Charter - 1996
Revised Charter - 2006

Article I OBJECTIVE

Environmental Engineering alumni involved with the MTEEAAC will assist the Environmental Engineering Department of Montana Tech of The University of Montana (Montana Tech) in the development and placement of the highest quality Environmental Engineering graduates through active engagement in:

1. Student recruiting;
2. Retaining students within the Environmental Engineering program through graduation;
3. Student mentoring;
4. Fundraising for general and targeted purposes;
5. Securing student scholarships for all program levels;
6. Securing laboratory and other equipment for hands-on study;
7. Reviewing the curriculum;
8. Identifying and securing student seasonal employment;
9. Relaying environmental engineering employment trends;
10. Relaying environmental engineering career opportunities;
11. Assisting with environmental engineering professional career development; and
12. Assisting with the Environmental Engineering Department activities and programs.

Article II ORGANIZATIONAL CHARTER

The MTEEAAC will:

1. Consist of Montana Tech Environmental Engineering alumni representing environmental engineering professionals from industry, consulting, government, academia, or other areas of environmental engineering practice;
2. Meet, at a minimum, twice yearly in October and March with the location and date of each meeting determined by the MTEEAAC and approved by the Environmental Engineering Department head;
3. Solicit Board membership interest through notice to the universe of Montana Tech Environmental Engineering graduates;
4. Nominate new members by a majority vote of the Board members and approved by the Department head;
5. Select and subsequently consist of a minimum of 10 members and a maximum of 15 members with the term of membership established at three years, with one-third of the membership rotating off the Board yearly in October, and an option for each member to serve two consecutive terms if approved by the Department head;
6. Provide for maintaining a minimum of 10 Board members through nomination of additional Board members by current Board members, if necessary, and requiring a majority vote of current Board members to seat any new member;
7. Select a chair and vice-chair by a majority vote of the attending members with the chair serving a two-year term ending in March and replaced by the vice-chair; a new vice-chair will be elected by a majority vote of the attending members and approved by the Department head at the October meeting;
8. Establish committees, standing or interim, composed of Environmental Engineering alumni and university personnel, where appropriate, to concentrate on the categories detailed in *Article I*;
9. Provide for this Charter to be amended, as appropriate, by (1) a simple majority vote of a quorum at a regularly-scheduled meeting (a quorum will consist of a simple majority of current Board membership); and (2) a simple majority ballot by mail of all current members at times other than bi-annual meetings; and
10. Provide for termination of Board membership by a simple majority vote of the current Board membership for failure to reasonably participate in and/or fulfill generally expected Board activities and responsibilities.

MontanaTech

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Get Into It

DATES TO REMEMBER

- 10/13/06** Fall Advisory Board Meeting
- 11/8-10/06** PNWIS Conference & Alumni Event (Victoria, B.C.)
- 3/1/07** Spring Advisory Board Meeting
- 3/2/07** Spring Alumni Workshop

UPDATE YOUR ALUMNI RECORD AS IT CHANGES



Send New Information and Email Addresses To:

Shelley Reed
Environmental Engineering Department
Montana Tech of The University of Montana Tech
1300 West Park Street
Butte, MT 59701
Phone: (406) 496-4115
Email: sreed@mtech.edu