

**ETD Section Activities Report
June 2004**

**Jerome Tapper
Northeastern University
Boston, MA**

Northeastern University – School of Engineering Technology, Boston, Massachusetts

To: Carol Richardson, ETD Chair
From: Jerome Tapper
Subject: ETD Section Activities Report

June 3, 2004

Carol,

In preparation for the ETD section activities report to be given at 2004 ASEE National Conference meeting in Salt Lake City Utah, please find enclosed a copy of the activities material I have received to this point in time as of the last meeting in Gulfport Mississippi.

Best regards,

Jerry Tapper

College of Engineering
School of Engineering Technology

Electrical Engineering Technology

Jerome Tapper
Associate Academic Specialist

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Industrial Control Systems Laboratory
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CALL FOR SECTION ACTIVITIES

ETD Activities *Local - Regional - National - International*

“We want to know about it !!!”

EXAMPLES:

Conferences:

- Local conferences hosted or will be hosted by your institution or any that your ETD colleagues from your institution have attended.
- Regional conferences hosted or will host by your institution or any that your ETD colleagues from your institution have attended.
- National conferences hosted or will host by your institution or any that your ETD colleagues from your institution have attended.
- International conferences hosted or will host by your institution or any that your ETD colleagues from your institution have attended.

Events:

- Educational events hosted or will be hosted by your institution or any that your ETD colleagues from your institution have attended.
- High school/vocational school events sponsored by, hosted or will host by your institution or any that your ETD colleagues from your institution have attended that helped to promote and further the theme of Engineering Technology. Such events as Science Fairs, Industry visits, are good examples.
- K-12 events sponsored, hosted, or will host by your institution or any that your ETD colleagues from your institution have attended that promoted the theme of Engineering Technology.
- Honor society (TAP) events locally, regionally, nationally or internationally that your institution has hosted or colleagues from you institution have attended.

No event is too small or too local. The purpose of letting us know this information is two fold. First, it allows all of your fellow ETD colleagues to know what is going on nationally within other ETD programs across the country. Secondly, it helps to promote your own institution by putting you institution's name in front of thousands of colleagues across the country. There's nothing like free advertising.

As byproducts of letting us know what you are doing, the ETD Newsletter will also be used to disseminate this information to ETD colleagues across the country. Again, more free program and institutional promotion.

Please let us know what you are doing. If your submitted information is not included in a current edition of our activities report or News Letter due to timing constraints, it will be included in the next edition of both informational instruments.

Sincerely,

Jerry Tapper & ETD Activities Colleagues
ETD Board Member - Activities

The following ACTIVITIES material was received:

ASEE St. Lawrence Section

John Stratton

ITEM –1

From Leah Akins at Dutchess Community College.
DCC and 4 other colleges are involved in a collaborative project funded by NSF. Information about the project is copied below from some information we placed on the web at: <http://www.sunydutchess.edu/mpcs/veda/nyspdc.htm>

Leah M. Akins, Ph.D.
Department Head
Engineering, Architecture, and Computer Technologies
Dutchess Community College
53 Pendell Rd.
Poughkeepsie, NY 12601

New York State Professional Development Collaborative
The New York State Professional Development Collaborative (NYSPDC) is a 3-year \$1M project funded by the National Science Foundation's Advanced Technological Education Program.

The Project involves collaboration among Alfred State College, Dutchess Community College, Fulton - Montgomery Community College, Mohawk Valley Community College, Suffolk County Community College, the New York State Technology Education Association, and exemplary high school technology teacher leaders from throughout the state. The Project is administered by Hofstra University's Center for Technological Literacy.

The goals of this project are to enrich technology education in the high schools through strong professional development activities; and to establish self-sustaining technological education professional development centers at the five colleges. These centers will provide ongoing teacher enhancement activities targeted to high school and community college professionals who wish to enhance their skills and benefit from education about contemporary topics in technology. The overarching goal of the Project is to increase technological literacy of grades 9-14 students throughout the state.

The Project will focus on engineering design, critical thinking and problem-solving strategies, integration of mathematics, science and technology, building IT and research skills, and research-based assessment of student understanding.

ITEM –2

From Leah Akins at Dutchess Community College.
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The Project will focus on engineering design, critical thinking and problem-solving strategies, integration of mathematics, science and technology, building IT and research skills, and research-based assessment of student understanding.

ASEE New England Section

Jerome Tapper

ITEM - 1

The New England Section held its annual conference at Northeastern University in Boston on April 2-3 on its Dedham Campus. The conference was a great success with over 23 student papers presented, over 11 papers presented in the Research Project sessions, and over 45 technical papers presented in 12 separate sessions. In addition, there were two workshops given, one by Electronics Workbench and another by Solid Works. Bruce Hamilton of the Massachusetts Manufacturing Partnership was the conference Keynote speaker. Kudos to Walt Buchanan for a great job organizing this conference.

ITEM -2

Hello Jerry,

The New England Board of Higher Education is in the process of recruiting high school teachers and college faculty, primarily community colleges but also four-year colleges that teach engineering technology, to participate in PHOTON2, a professional development project that is offering a course, "Introduction to Photonics" via distance learning. The project is being funded by the National Science Foundation. Would you be able to distribute that information through your network? I can send you a web link that has more information .

Fenna Hanes

ITEM -3

X-Originating-IP: [137.49.1.231]
From: "Peter Schuyler" <schuyler@hartford.edu>
To: "Jerome Tapper" <jtapper1@comcast.net>
Subject: RE: Call for N.E. Section Activities
Date: Tue, 20 Apr 2004 12:42:42 -0400
X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2911.0)
Importance: Normal
X-AntiSpam: Checked for restricted content by Gordano's AntiSpam Software

Happenings from the University of Hartford.

The university has embarked on a 37 Million dollar project involving the renovation and construction of a complex for the Integration of Science Engineering and Technology (INSET) The formal groundbreaking for the project is scheduled for the end of May. Completion is expected in 22 months and the new and renovated structure will house the engineering, engineering technology and computer science, and science related programs as well as serving the healthcare programs at the University. This project will unite the Engineering and Engineering Technology programs under a single roof and academic structure. The vision is for a more synergistic relationship between the Engineering and Engineering Technology disciplines. These disciplines have enjoyed significant growth and look forward to new and renovated facilities that will be shared amongst the departments.

An interdisciplinary team of students is working to complete a robot meeting the specifications of the ASEE Mine Madness.

Pete

ASEE Middle Atlantic Section

Lawrence Fryda

Venancio fuentes

ITEM -1

From Dave Meredith at Penn State - Fayette

I can speak for myself as a faculty member at PennState-Fayette (TAC of ABET 2 yr program in HVAC)
Dave Meredith <dxm15@psu.edu>

National

Attended ASHRAE Summer meeting (Kansas City) and Winter Meeting (Anaheim)

Attended three NCEES workshops to write the PE exam for Mechanical Engineers (Clemson twice and Atlanta)

Attended TEI workshop in St. Louis

Attended TAC of ABET Commission meeting in Crystal City, MD as ExCom member

K-12 local

Hosted E-Days for local gifted middle school students to do hands on science. This year's theme was Green Design

Hosted MathCOUNTS regional competition for Middle School students

Hosted JETS/TEAMS regional competition for High School students

Hosted Girrl Power!! for Middle School girls to learn about the technology of waves.

Hosted BSA Engineering Explorer Post for High School students to visit local technical businesses (theme is home utilities)

Hosted Pi Day (March 14 = 3.14) math competition for 9th and 10th grade students

Hosted Space Shuttle Simulator Experience (week) for girls in grades 4-5-6 last summer

Hosted Mission to Mars Experience (week) for girls in grades 4-5-6 last summer

To be honest with you, all school presentations are a blend of ET and E. At that age, it is hard to discriminate between the two roles.

ITEM -2

From David Hata at Portland Community College

**RF Plasma Technology Workshop
Portland Community College**

Description:

Portland Community College is offering two workshops on RF plasma technology. The two-day workshop will include both classroom and laboratory sessions and will cover basic plasma physics, transmission lines, power delivery and impedance matching, and magnetron sputtering of copper. Workshop material will be presented at the technician-level. Laboratory activities will include plasma physics demonstrations, transmission line studies, impedance matching experiments, and copper sputtering on glass disks.

Who Should Attend:

High school, community college, and university faculty who have an interest in plasma technology.

Workshop Dates and Location: (Select one)

May 24-25, 2004	CAPITAL Center, Portland Community College, OR
August 2-3, 2004	CAPITAL Center, Portland Community College, OR

Prerequisites:

General chemistry, general physics, and basic AC electronics recommended.

Participant Support:

Portland Community College, through a grant from the National Science Foundation, will provide workshop materials, three nights of lodging, meals, and local transportation in Portland. Participants are asked to provide transportation to and from Portland, OR, and airport costs at their departing location, e.g. local transportation and airport parking. (Some travel grants may be available.)

Application Process:

To request a workshop application, send a e-mail message to David Hata at Portland Community College. E-Mail address: dhata@pcc.edu

Application Deadlines. Completed applications must be received by:

May 1, 2004, for the May 24-25 Workshop
July 1, 2004, for the August 2-3 Workshop

For Information, contact David Hata:

Phone: (503) 533-2929 E-Mail: dhata@pcc.edu

ITEM -3

From Beverly Withiam University of Pittsburgh at Johnstown.

Presentations:

- ♦ Murad M. M., and Samples J. "Challenges and Opportunities in Visiting and Tenure Track Positions." *Proceedings of the American Society for Engineering Education Annual Conference & Exposition*, Nashville, Tennessee, June 2003.
- ♦ Murad M. M., and Martinazzi R, "Mixing Exam Formats to Enhance Examination Learning and Test Taking Skills." *Proceedings of the American Society for Engineering Education Annual Conference & Exposition*, Nashville, Tennessee, June 2003.
- ♦ Murad M. M., "Developing a Course in Pavement Design and Management that Incorporates Recent Technologies and Meets Industry Demands." *Proceedings of the American Society for Engineering Education Annual Conference & Exposition*, Nashville, Tennessee, June 2003.
- ♦ Murad M. M., "A Model for Integrating Design Software into a Highway Design Course." *Proceedings of the American Society for Engineering Education Annual Conference & Exposition*, Nashville, Tennessee, June 2003.
- ♦ Rose, A.T. "Developing Student Awareness in the Social and Economic Aspects of Civil Engineering Projects." *Proceedings of the American Society for Engineering Education Annual Conference & Exposition*, Nashville, Tennessee, June 2003.

- ♦ Rose, A.T., “Advice on Covering Classes during a Prolonged Instructor Absence: Keep the Students Learning.” Proceedings of the American Society for Engineering Education Annual Conference & Exposition, Nashville, Tennessee, June 2003.
- ♦ Samples, J. W., “Simple Advice: Get a Mentor and Learn to Teach.” Proceedings of the American Society for Engineering Education Annual Conference & Exposition, Nashville, Tennessee, June 2003.
- ♦ Dick, G. M., Kieta, S. J., Decock, C. A., and Samples, J. W., “Students Teaching Students: A Pedagogical Experiment.” Proceedings of the American Society for Engineering Education Annual Conference & Exposition, Nashville, Tennessee, June 2003.
- ♦ Miller, A. L., “Expectations 101, The Course New Faculty Must Not Fail!” Proceedings of the American Society for Engineering Education Annual Conference & Exposition, Nashville, Tennessee, June 2003.

Moderator – Andrew T. Rose

Andrew T. Rose, “Motivating Students to Achieve,” American Society of Engineering Educators Annual Conference, Nashville, TN, June 2003.

List of papers reviewed for presentation at the 2003 ASEE Annual Conference (Nashville, TN)

Reviewer: Maher M. Murad

1. “An Integrated Graduate Program”, by Daniel Davis, University Of Hartford.
2. “A Structure for an Interactive Project Management Course”, by Donna C.S. Summers and Charlie P. Edmonson, University of Dayton.
3. “Maximizing Learning Opportunities in Kinematic Analysis”, by J. Uziak, B. ` Mokgothu, J.D.G. Foster, Dept. of Mechanical Engineering, University of Botswana, uziak@mopipi.ub.bw.
4. “Diversity In Transportation Workforces: A Summary Of The September 2002 Midwest Regional Workshop” by Jason Bittner Midwest Regional University Transportation Center, University of Wisconsin.

Reviewer: Andrew T. Rose

1. “Balancing Professional and Personal Life to Achieve Significance in an Academic Career” by William Jordan and Bill Elmore.
2. “The ESTEeM Project: Collaborative Learning and Teaching of Engineering Mathematics at the Faculty of Engineering, University of Santo Tomas, Manila” by Cristino A. Carbonell, Clarita R. Guevara, and Fe P. Tabamo.

Dr. Andrew T. Rose received the ASCE Zone I ExCEEed New Faculty Excellence in Teaching Award in November 2003 at the ASCE National Conference.

An Engineers’ Week Forum is held annually at UPJ with six invited speakers.

The Engineering Technology Division hosts the Johnstown regional MATHCOUNTS competition. Beverly Withiam is the coordinator.

Amy Miller is starting an outreach program to junior high school girls in the local area.

The ASCE Club was recognized as the 2003 Outstanding Club.

ASEE Illinois/Indiana Section

Michelle Summers

Youakim Kalaani

Fairmont State College - ASCE Student Club

Recently attended the Regional VA's Student Conference Hosted by WVU April 1-3, this is an - Annual Event for us

11 colleges and universities from WV, VA and D.C. Attended

We were the ONLY school to receive awards in all 9 events.

1st place awards: Concrete Canoe (we will be going to the National Concretet Canoe Competition in Washington, D.C. in June), Problem Solving, Surveying, Engineering Jeopardy, Daniel Mead

2nd Place: Popsicle Stick Bridge, Egg Drop

3rd Place: Concrete Frisbee Steel Bridge (Came in 4th overall) - 1st place in Stiffness and Aestics

Bluefield State College also is a Technology School in our region and they attended this same conference and received 1st place in the Steel Bridge overall and will represent our region at the National Steel Bridge Competition. I know they got more awards, but not sure which ones. Talk to their faculty.
 We will be hosting our 2nd annual summer technical conference June 3rd. Theme - "Advancements in Technology, From Design to Construction". Will offer 6-8 professional development hours in presentations and will have displays - over 80 linear feet of corporate displays.

ASEE North MidWest Section

*Ann Goebel
 Gary Godfrey*

NO REPORT

ASEE Gulf SouthWest Section

Mitty Plummer

NO REPORT

ASEE Southeastern Section

*John Blake
 Richard Monroe*

ITEM -1

THE SPRING MEETING OF THE FORUM ON ENGINEERING TECHNOLOGY

with the Florida Engineering Technology Leadership Council
 hosted by PALM BEACH COMMUNITY COLLEGE
 The Theme of this ET Forum will be Multimedia Techniques in Teaching
 April 22-23, 2004

MAKE YOUR PLANS NOW

A STATEWIDE FORUM RELATED TO THE ISSUES THAT CONCERN TECHNOLOGY EDUCATION

PLEASE CONTACT US TO VERIFY YOUR ATTENDANCE

Brad Jenkins, SPC, 727-341-4378

jenkinsb@spcollege.edu

or Mike Lively, PBCC, 561-868-3469

livelym@pbcc.edu

The Agenda and Hotel Information is posted on the website: www.pbcc.edu/dacum

ENGINEERING TECHNOLOGY FORUM

April 22 - 23, 2004

Palm Beach Community College

4200 Congress Avenue

Lake Worth, Florida 33461-4796

(561) 868-3469

Tentative DRAFT Agenda

THURSDAY, April 22, 2004

8:30 AM	Continental Breakfast	CE119 (Foyer)
9:00 AM	Welcome Introductions and Forum Overview	CE119 Mike Lively, PBCC Brad Jenkins, SPC
9:15 AM	Palm Beach Community College New Initiatives for Distance Learning (free book)	Mike Lively
9:45 AM	Technology Center Tour	Mike Calloway
11:45 AM	Remote Labs	Dr. Al-Halabi, FAU
12:30 Noon	Lunch	CE119 (Foyer)

1:30 PM Workshop Session TE106	Alan Bohan
3:30 PM Refreshment Break	CE119 (Foyer)
4:00 PM Issues Forum – Concerns and Topics	CE119

New Program Development
 Bachelor Degrees, A.S. Degrees, & Certificates
 Innovative Curriculum Development
 Grant Applications - NSF
 Web-Based Programs and Courses
 Emerging Technologies
 Innovative Industry Partnerships

5:00 PM Adjournment

6:30 PM Dinner at TBA

FRIDAY, April 23, 2004

8:00 AM	Continental Breakfast	CE119 (Foyer)
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8:30 AM	Issues Forum Continued	CE119
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Recruitment and Enrollment
 Vendor Training Program
 Faculty Credentialing
 Additional Topics

9:30 AM	Simulation Technology	Bettye Parham, DBCC
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10:15 AM	Brain Based Learning	Dr. Celeste Beck, PBCC
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11:00 AM	Learning Objects	Dr. Kathy Cobb, Brevard CC
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11:45 AM - Noon	Engineering Technology Forum Wrap-Up Adjournment and Final Announcements DBCC –Host for April 2005 Forum
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HOTEL ACCOMMODATIONS INFORMATION

When making your reservations, please mention that you will be attending the Engineering Technology Forum at Palm Beach Community College and request the special rate of \$72 per room (pool side).

HOTEL INFORMATION

Holiday Inn

West Palm Beach-Turnpike

7858 Lake Worth Road

Lake Worth, FL 33467

(561) 968-5000

Fax (561) 968-2451

www.holiday-inn.com/westpalmbeach

Contact person Katherine Sisson

DRIVING DIRECTIONS TO PBCC

From I-95

Proceed west on 6th Avenue South approximately 2 miles to the south entrance. Turn right (north) into the campus. Visitor parking is straight ahead or non-reserved spot. A parking pass will be issued at the meeting.

From The Turnpike

Take the Lake Worth Road exit and go east approximately 10 miles to Congress Ave.

Go through the light, and turn right (south) into the campus.

<u>Brad Jenkins, Co-Chair</u>	<u>Mike Lively, Co-Chair</u>
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St. Petersburg College	Palm Beach Community College
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(727) 341-4378 Phone	(561) 868-3469 Phone
----------------------	----------------------

jenkinsb@spcollege.edu	livelym@pbcc.edu
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ITEM -2

Case-Study Based and IT-Enabled Learning Resources for Education Workshop

A Manufacturing Education Workshop

in conjunction with the The North American Manufacturing Research Conference (NAMRC)

Charlotte, North Carolina

June 4-5, 2004.

Sponsored by the Society of Manufacturing Engineers and the Greenfield Coalition This is the first focused workshop that addresses the creation and use of real-world manufacturing case studies in higher education. It is being held in conjunction with the 32nd NAMRC at the University of North Carolina at Charlotte. The workshop will demonstrate how current manufacturing engineering research can be leveraged back into the classroom using web-based, information technology (IT)-enabled learning resources and modern approaches to adult education. Participants of the workshop will represent a new community of educators interested in sharing IT-enhanced learning materials created expressly for manufacturing engineering education. A key impetus for this event was a recently published National Academy of Engineering report which concluded that many opportunities for improving science, technology, engineering, and mathematics education with IT have fallen short because too often such !

materials represented islands of innovation rather than broad-based improvement. The Greenfield workshop addresses this challenge by:

- Discussing best practices in the use of case studies and collaborative learning in today's classrooms
- Conducting a workshop on using web-based information technologies to get real-world manufacturing data into courseware, and
- Demonstrating Greenfield Coalition and other IT-enhanced learning materials.

The workshop begins Friday, June 4 with a luncheon and concludes by Noon on Saturday, June 5.

The Greenfield Coalition, part of the community of NSF-sponsored Engineering Education Coalitions and focused entirely on manufacturing engineering, has developed a suite of sharable learning resources which embed (1) modern approaches to adult learning, (2) active and cooperative experiences, and (3) real-world manufacturing examples.

Program and Registration information: www.Greenfield-Coalition.org

For further information contact Don Falkenburg: falken@focushope.edu or Mark Stratton: mstratton@sme.org

ASEE North Central Section

Jim Rumpf

Salame Amr

----- Forwarded by Jim Rumpf/FSU on 04/16/2004 08:26 AM -----

ROBERT SPECKERT <SPECKERE@MUOHIO.>

To: Jim_Rumpf@ferris.edu

cc: earleyr@MUOHIO.EDU, hergerd@MUOHIO.EDU, narayam@MUOHIO.EDU, drigelgs@MUOHIO.EDU, bommars@MUOHIO.EDU, beckerde@MUOHIO.EDU, tonnerfm@MUOHIO.EDU,

04/15/2004 02:50 webbpb@MUOHIO.EDU, ranatupv@MUOHIO.EDU, seifrirc@MUOHIO.EDU,

sandlisl@MUOHIO.EDU

Subject: Re: ETD activities in MI, OH, WV, & western

ITEM -1

John,

Here are two major events listed by dates. I have also attached the Senior Design write-up. Thanks.

Rob.

Friday, April 23, 2004:
Department of Engineering Technology Senior Design
Friday, April 23, 2004 9:00-3:00
Harry T. Wilkes Conference Center
Miami University Hamilton

Student teams conduct major open-ended research and design projects. The elements of the design process include establishment of objectives, synthesis, analysis, and evaluation of the selected project. Real-world constraints such as economical and societal factors, marketability, ergonomics, safety, aesthetics, and ethics are also an integral part of this capstone course. ENT 497: project selection and feasibility studies performed during the first semester.

ENT 498: implementation, testing, production of design, and professional presentation are completed during the second semester of the course. Course material includes guest lecturers, team building sessions, and team meetings which guide the students in discussions relating to product design. Continuous interaction of the team members among themselves and their academic and industrial mentors is key to this capstone course. Project selection comes from a variety of industrial operations in the surrounding communities. Some projects are derived from businesses employing our students and the student approaches their employer with an idea for a project. With economical support from the employer, along with the mentors, the project is planned and implemented throughout the two semesters. Other projects are developed through contact by instructors with industry which develops a strong relationship between the Engineering Technology department and area businesses. Some of our past and present sponsors include: Advics Manufacturing Ohio, AK Steel, Cinergy, City of Cincinnati, GE Aerospace, Hamilton Caster, Holthouse farms, Miami University Department of Engineering Technology and Department of Zoology, P & G, Pacific Industries Air Controls, SEI Brakes, SUMCO USA, and UBE Automotive, Inc.. Prerequisites for the course includes senior standing in engineering technology or instructor permission.

Join us Friday, April 23 to celebrate the academic accomplishments of Engineering Technology seniors as they present their senior design projects.

Friday, April 30, 2004:
For the 8th year Miami University Middletown is holding Tech Challenge, an event that gives students a chance to showcase their skills in web design, graphics, robotics, networking and more. During the day students compete against their peers from over 15 area high schools, attend technical or career related workshops, as well as network and learn from other students. The key engineering technology event is a LEGO® Mindstorms® & Robotics competition. Info from our web page (www.mid.muohio.edu) follows:
1st, 2nd, 3rd Place LEGO Trophy; 1st, 2nd, 3rd Place Student Presentation View Competition and Robot and Track Specifications Teachers and teams are strongly encouraged to view the competition track before beginning your robot design. Contact Suguna Bommaraju by email or phone at 513-727-3351 Build a robot using a LEGO Mindstorms kit. Coordinated by Engineering Technology Department. Teams will be allowed to practice on the actual course by appointment. Practices end on April 27th.
Due to the popularity of this contest we must limit participation to 15 teams. Also since many schools wish to enter- only one team per school will be registered until March 30. If you wish to enter a second team they will be placed on a waiting list and a drawing will be held on March 30 if we have room for additional teams

ITEM -2

First let me say thank you for taking the time to coordinate this report the NC Section. I know it takes time from all the other activities that we

faculty are supposed to be doing, but without volunteers like you, it would not get done. Now on to the main event and what we have done at Fayette to raise awareness (mostly locally). If you have any questions or need more details, email back.

Dave Meredith presented a paper on our newest associate degree in NanoManufacturing Technology (NMT) at the CIEC in Beloxi, MS in Feb. DBM was the keynote speaker at Expand Your Horizons, a career awareness program at University Park for middle school girls, Oct 11, 2003.

DBM presented programs on NMT at a campus colloquium, Uniontown Rotary, Connellville Rotary, high school guidance counselor conference, Education enrichment conference. DBM also represents ASHRAE on NCEES to write the PE exam for MEs. I try to let the committee know that our ET students study the same topics as the Engineering students do - but with a different focus.

Offered two weeks of Space Camp at the campus for grade school girls funded by NASA Space Grant Consortium in July/Aug. First week is Space Shuttle Simulator, second week is Mission to Mars.

Architectural Engineering Technology students attended the AE Job Fair on Nov 4 at University Park (and one got a job in D.C. from that initial contact)

We sponsor an Engineering Explorer Post through the Boy Scouts for 20 high school students. This year's theme focused on utilities with tours related to water, sewer, gas, electric, phone, landfill, mining, etc. Capstone was an ASHRAE funded trip to NASA Glenn Research Center in Cleveland, OH on April 8.

Hosted a hands-on experience for 200 local gifted middle school students on Nov 18. (College frosh Engineering students design the activities for the youth. Theme was Green Design.

Hosted MathCOUNTS regional competition on campus Feb 10th

Hosted JETS/TEAMS regional competition on Feb 18th

Hosted regional PiDay technical math competition for grades 9 and 10 on March 10th.

Hosted 6 sessions of Girrl Power!! for 20 middle school girls. Theme was "Catch the Wave" about how waves are used (sound, light, explosive, magnetic, electrical and water) Capstone was ASHRAE funded trip to Garfield Water Tunnel Research Center at University Park.

Talked to groups of students at Connellsville, Southmoreland, Fayette Vocational/Technical Center (twice), Laurel Highlands and Hempfield high schools.

Taking students from Fayette Vocational/Technical Center to NanoFabrication Center at University Park in May.

ITEM -3

Christine Eckerle <cmeckerl@alpha.d

To: Jim_Rumpf@ferris.edu

cc:

Subject: Re: ETD activities in MI

04/16/2004 10:02

Use these if they are what you need. :)

Delta College:

Will be part of a partnership with Michigan Tech to offer a Bachelor in Engineering on our campus starting in September. Participated in various career pathways presentations at Delta and at the high schools in our area. Held a TechPrep conference for local high school teachers focussed on advanced manufacturing areas. Will participate in an emerging technologies conference at Kettering next Friday Hosting the local ASM chapter's student night - I'm their education and scholarship representative.

Jim_Rumpf@ferris.edu wrote:

ASEE Midwest Section

Aaron Cowin

Original Message -----

From: <naw@osuokc.edu>

To: <cowinar@SLU.EDU>

Sent: Monday, April 19, 2004 5:17 PM

Subject: Re: ASEE Midwest Section Activity Items Needed

Aaron.

Oklahoma State University-Oklahoma City has done the following items:
Professors Calvin Hill and Neal Willison attended the ABET TE I Regional Faculty Workshop held in Tucson Arizona, in January of 2003.

The EET Department has hosted the Regional VICA electronic contest on our campus the last three years.

The EET Department host a three week summer academy on Robotics for 10th and 11th graders last year and will host a two week academy again this year. The academy are free to students.

Dr. Neal Willison attended the 2003 Quoin/ASC Region V Educational Conference in Dallas, Texas. And the Construction program recently has become a member of AGC.

The Engineering Technology Division has hosted several activities for the GEAR UP project on campus, that brings high school students on campus for career exploration.

The Construction Program has participated in the Oklahoma Public Schools Construction Career fairs held each semester at local facilities around the city.

The Industrial Drafting and Design program hosted the local SME chapter's program on Wind Energy in April 2004 and are preparing a program for the

Oklahoma City Engineers Club in May. The ET Division working with the Oklahoma Society of Land Surveyors will be holding a two day summer academy for high school students interested in careers in Surveying.

The ET Division participated in the Oklahoma Society of Land Surveyors Annual Convention in Tulsa, Oklahoma in March of 2004.

Professor James Cross of the Fire Protection and Safety program attended a region meeting in Chicago on vibrations in the workplace.

Thanks

Neal Willison

ASEE Pacific Northwest Section

Marilyn Dyrud

Bertin Koala

From: Marilyn Dyrud <dyrudm@oit.edu>

Subject: ET bibliography

Reply-To: dyrudm@oit.edu

Sender: owner-etd-1@coe.neu.edu

X-Spam-Status: No, hits=0.8 tagged_above=-999.0 required=5.0

tests=HTML_MESSAGE, MIME_HTML_ONLY

X-Spam-Level: -MIMETrack: Itemize by SMTP Server on NEUHUB01/Server/NEU(Release 5.0.12

|February 13, 2003) at 05/04/2004 03:12:28 PM,

Serialize by Router on NEUHUB01/Server/NEU(Release 5.0.12 |February 13, 2003) at 05/04/2004 03:15:27

PM, Serialize complete at 05/04/2004 03:15:27 PM ET Colleagues:

It's that time of the year again. If you have published books, articles, or proceedings in 2003 related to engineering technology education, we would like to list your materials in our annual bibliography, published in the Fall issue of the *Journal of Engineering Technology*. This bibliography is a special project of the ETC Publications Committee. To be listed, please send me the following information: For a book: author, title, publisher, city of publication, date For a journal article: author, title of article, title of journal, volume number, issue number, inclusive page numbers, date For a proceedings paper: author, title of article, title of proceedings, volume number, location and date of meeting, inclusive page numbers, date; if published only on CD, please indicate that E-mail submissions are cheerfully accepted! Please remember to reply to me,

rather than the whole list. It would be helpful if I could receive your information fairly soon. Thanks for your assistance on this project!

ASEE Pacific Southwest
Scott Danielson

NO REPORT

ASEE Rocky Mountain
Dee Martin

NO REPORT

Summary:

It would appear that there is in deed interest in reporting section activities as seen by the people who have stepped up to the plate and volunteered to be ETD section data collection representatives. As you can see, there is a volunteer from all 12 sections and some with two. By the activities reported for this reporting period it can be seen that there were responses from only 8 of the 12 sections. There appears to be a much better response rate then last conference period. I certainly hope this trend continues. I know that these listed sections cannot be the only ones in ETD with activities going on.

So, what have I accomplished this past year? I have managed to recruit ETD members from all regional sections of the country -and some with two. One the down side, a large group of these folks did not have any activities to report and in fact, many have not even responded Again, that is SAD! As per my similar request at the last conference, I would very much like to be put on the agenda and speak during our business meeting at the ASEE National Conference about these issues.

Respectfully submitted,

Jerome Tapper, Northeastern University, Boston, MA