



PETAC MEETING

<http://www.preengineeringnh.org>

WHEN/WHAT/WHOM/WHY

MEETING DATE: Wednesday, March 5th 2008 @ 8:30 am

LOCATION: Walker Building - Room 100

MEETING LEADER: Robert Henry (PETAC Chair 2007/2008)

ATTENDEES: See Attachment1

DOCUMENTED BY: Jennifer Ng - PETAC Secretary 2007/2008

NEXT MEETING: FRIDAY May 9th 2008 @ 8:30 am, NHCTC (MacRury Hall Conference Room 145) - Concord NH

AGENDA

Agenda

- Women in Engineering Conference
- 2008/2009 PETAC Officers nominations
- Update on Foundation
- Update on revised legislation
- Advanced Manufacturing
- Other

HIGHLIGHTS

SUMMARY OF DISCUSSION (INCLUDING ISSUES/CONCERNS DISCUSSED):

§ Chair B. Henry called the meeting to order at 8:40 am

§ The last meeting minutes were approved with no changes.

A. [Update on Foundation - D. McGuire](#)

Dan presented articles of agreement that he completed for the Foundation "Engineering Education of NH". They included pre-bylaws and 501c3 information as well as Board of Directors. A board

meeting is planned for March 2008. PETAC people on the board include D. McGuire and J. Houston. A copy of the agreement will be sent to the PETAC members by the next meeting.

B. Update on revised Legislation - N. Major

HB1282 is the amendment to RSA 188:14-17, the Pre-Engineering Technology Curriculum and Advisory Council, filed by Representative N. Major on behalf of PETAC. He reported that the amendment was voted on March 5, 2008 (earlier in the morning).

HB1282 will have a Public Hearing before the Senate Education Committee in May 2008. During the hearing, PETAC members will be able to present your testimony in support of the bill by signing the "blue Sheet". You can indicate you wish to speak or to show your support for the bill by checking the appropriate box on the "blue sheet". The "blue sheet" will be available to sign prior to the hearing in the committee room. If there are any questions, N. Major will be there to help.

Reminder that: Attending and indicating support of this bill is very important.

[Ed: The Public Hearing will be on Tuesday, May 13, 2008 in Room 103 of the State House at 8:30 A.M.]

C. Advanced Manufacturing - P. Leather

P. Leather reported on a new piece of legislature that will be present in the next couple of months. The last Governor's Summit on Manufacturing generated awareness about manufacturing workforce (especially training) issues in NH. Manufacturing productivity increased due to increased in advanced technology but it is noted that it resulted also in a reduction of workforce. Hence there will be a new council created to discuss these issues. The focus will be on adult training and educational activities.

R. Henry suggested that Mike V (DRED) should be invited to one of the next meetings so as to get more familiar with PETAC.

It was also suggested that PETAC members would be encouraged to serve on the new council or both councils (overlap). Some discussion items resulting from this agenda item:

- There is a need for better marketing of Manufacturing to schools, parents and guidance counselors. Not enough information out there to interest the next generation.
- There is a shortage of US born technical students across the board (universities, colleges, etc.) and this trend will continue unless there are some major changes.
- Very big difference between fundamentals teaching versus applications based teaching
- There needs to be more efforts from community colleges - with support from local companies. Currently community colleges are lacking resources, funding, etc.
- Educational funding is very different in NH compared to other states.
- M. Munson mentioned how the BAE Systems internship program is very good: it offers very powerful message to interns as well as parents and also gave new awareness to guidance counselors on choosing careers in engineering and manufacturing.
- CT Public Radio constantly advertises Manufacturing careers.
- R. Henry mentioned a new program involving UNH, Keene State University and community colleges working on a joint effort to provide general classes (Math, Sciences, etc.) throughout the different venues but ending with similar degree at the end.

D. 2008/2009 PETAC officers nominations - R. Henry

R. Henry encouraged the attendees to send him names of interested parties for nominations of the next group (2008/2009) of PETAC officers.

It was noted that T. Brennan was chosen to be the next superintendent of Manchester (formerly the superintendent of Kearsarge). It will be important for PETAC to have T. Brennan to continue to be part of the council in that capacity.

There was discussion about a spring meeting with the K-12 DoE people who might be interested to participate/know more in PETAC activities. Suggestions included

- Possible dinner event @ UNH with speaker?
- P. Leather to ask S.E. School of Administrators on when next meetings will occur and maybe coordinate an event/meeting. It was mentioned that the Commissioner quarterly meetings are on Fridays (next one on March 28th 2008) and this is when all superintendents meet. Potentially PETAC Chair could try to get on the agenda to meet all the different players.

[Ed: J. Ng will be moving to Canada in April/May and will resign as PETAC member by the end of her term. A replacement is needed.]

E. WIE Conference - R. Henry

R. Henry suggested moving the annual WIE conference to a Saturday (either May 3 or May 10). He asked K. Runion to contact the schools and see if there is more interest.

Suggestions/ideas discussed:

- Whether to have daycare provided if younger siblings were to also attend the conference.
- Have workshops on professions/careers as well as the average salary ranges for engineering jobs.
- Will need website and flyer for advertising as usual
- J. Ng will contact IEEE NH Section pre-engineering committee for their support to an event.
- R. Henry will create the outline and send draft to PETAC members
- J. Houston will contact PLTW for representation at the conference

[Ed: R. Henry reported that UNH does not have to capacity at this time to do the conference in the spring at UNH and proposes to postpone it to become a fall event].

F. Other

§ K. Runion reported that there will be a drastic decrease in funding for Tech Prep in the next fiscal year. Details on impacts/cuts will be sent to PETAC members. J. Ng will discuss with IEEE NH Section and mention it on the monthly IEEE NH newsletter so that IEEE members can contact the right people in congress for questions and to get involved.

§ K. Shyne brought the promotional display for PETAC. It is very configurable (with pictures and panels) as needed for different events. Suggestions: include the names of NH schools shown on the pictures as well as the activities being performed. The idea of the display is for PETAC members to bring along during events where PETAC can have more exposure (conferences, seminars, outreach activities, etc.).

§ J. Houston asked on a status report on PLTW activities in the past year (e.g. which schools need accreditation, which ones are still on, what are their needs, etc.). K. Shyne to provide at the next meeting.

The next PETAC meeting will be held at the NHCTC (MacRury Hall Conference Room 145), in Concord, NH on May 9th 2008 at 8:30 a.m.

A motion was made to adjourn at 10:40 a.m. The vote was unanimous.

ACTION ITEMS: 05 – MAR – 2008 UPDATE

Updates in Blue

NO.	Assigned On	What	Who	When Due Date	Status
1	12-Sep-2007	Create a PETAC promotional kit draft	K. Shyne	14-Nov-2007 09-Jan-2008 05-Mar-2008	First kit brought at March 2008 meeting. Closed.
2	12-Sep-2007	Send IEEE TISP material/info to K. Shyne	J. Ng	19-Oct-2007	Closed on 06-Oct-2007
3	12-Sep-2007	Send NHJES conference information to Council	R. Henry	19-Oct-2007	Closed
4	12-Sep-2007	Setup meeting w/ DRED representative(s) and R. Henry	P. Leather	19-Oct-2007	Closed
5	12-Sep-2007	Create new subcommittee to explore opportunities in middle schools	R. Henry	19-Oct-2007	Open
6	12-Sep-2007	Discussion of L. Kilchenstein resignation and replacement	R. Henry and P. Leather	19-Oct-2007 09-Jan-2008 05-Mar-2008 09-May-2008	Open
7	12-Sep-2007	Send PETAC 2006/2007 Annual Report to Nancy Fall to distribute to Council members and guests	R. Henry	19-Oct-2007 09-Jan-2008 05-Mar-2008 09-May-2008	Open

NO.	Assigned On	What	Who	When Due Date	Status
8	12-Sep-2007	Approach NHTI for WIE fall 2008 conference	B. Arredondo	14-Nov-2007 09-Jan-2008	Closed. Only one WIE conference for 2008 and it will be at UNH in the fall.
9	12-Sep-2007	Send email to gather ideas for website	J. Ng	19-Oct-2007	Closed on 28-Sep-2007
10	12-Sep-2007	Setup demo of website for next meeting	J. Ng	14-Nov-2007	Closed on 14-Nov-2007
11	12-Sep-2007	Send website access information to J. Ng	K. Shyne	19-Oct-2007	Closed on 18-Sep-2007
12	12-Sep-2007	Create document for PETAC logo contest and send to Council members for review	J. Ng/M. Munson/B. Smith	19-Oct-2007	Closed on 28-Sep-2007
13	14-Nov-2007	List of accredited schools and list of those to come in the future (PLTW and EbD)	B. Arredondo K. Shyne	09-Jan-2008 05-Mar-2008 09-May-2008	Open
14	14-Nov-2007	Send Council members information on when they need to be present for the hearing of the amendment	N. Major	09-Jan-2008 05-Mar-2008 09-May-2008	Closed. Tuesday May 13 th @8:30 am
15	14-Nov-2007	Ask P. Leather on how to file formal PETAC Annual Report	B. Henry	09-Jan-2008 05-Mar-2008 09-May-2008	Open
16	14-Nov-2007	Contact FIRST to see if they would like to be ex-officio on PETAC	D. McGuire	09-Jan-2008	Closed. FIRST rep attended January 2008 meeting and will continue to attend, if possible.

NO.	Assigned On	What	Who	When Due Date	Status
17	14-Nov-2007	Final ideas/comments on website re-design	ALL	10-Dec-2007	Closed. New website launched on 21-Jan-2008 http://www.preengineeringnh.org
18	14-Nov-2007	Create draft schedule for March 2008 WIE conference	B. Henry	09-Jan-2008 05-Mar-2008 09-May-2008	Open
19	14-Nov-2007	Create "Save the Date" announcement/webpage	J. Ng	09-Jan-2008 05-Mar-2008 09-May-2008	Open?
20	14-Nov-2007	See if Apple would be interested to have a full demo during 2008 WIE Conference	B. Henry	09-Jan-2008 05-Mar-2008 09-May-2008	Open
21	14-Nov-2007	Send Ideas/contributions to PETAC logo contest	M. Munson	TBD	On hold. R. Henry to determine the prizes and timing for contest.
22	16-Jan-2008	Send comments to K. Shyne about the promotional booklet kits	ALL	05-Mar-2008 09-May-2008	Open
23	05-Mar-2008	Email Tech. Prep funding cuts information and impacts to PETAC members	K. Runion	April 2008	Closed. Information send on 05-Mar-2008
24	05-Mar-2008	Write article about Tech Prep funding cuts on IEEE NH Section newsletter	J. Ng	April 2008	Done. See http://www.ewh.ieee.org/r1/new_hampshire/Docs/2008-04-NL.pdf
25	05-Mar-2008	Email R. Henry the names of potential candidates for PETAC officers 2008/2009	ALL	09-May-2008	Open

NO.	Assigned On	What	Who	When Due Date	Status
26	05-Mar-2008	Email P. Leather if you are interested in serving on new Manufacturing council	ALL	09-May-2008	Open
27	05-Mar-2008	Email Mike V (DRED) to attend next PETAC meeting	R. Henry	09-May-2008	Open
28	05-Mar-2008	Status on EbD and PLTW schools in NH	K. Shyne	09-May-2008	Open

ATTACHMENT 1: ATTENDEES

Appointed Members (14)			In Attendance
Robert Henry	robert.henry@unh.edu	Chair	X
Michele Munson	michelemun@comcast.net	Vice Chair	X
Jennifer Ng	jng@ieee.org	Secretary & Business Rep.	X
Judith Houston	jhouston@louisberger.com	Past Chair & Business Rep.	X
Val Zanchuk	vzanchuk@graphicast.com	Business Rep.	X
Paul Leather	pleather@ed.state.nh.us	Dept. of Education	X
Lynn Kilchenstein	lkilchenstein@ccsnh.edu	President, NHTI	
Thomas Brennan	tbrennan@kearsarge.k12.nh.us	Not official yet. Kearsage Superintendent	
Bruce D. Smith	Bruce.Smith68@verizon.net	Public Member	X
Daniel McGuire	danmcguire@gmail.com	Public Member	X
Daniel Caron	dwcaron@hotmail.com	Public Member	
Sen. Molly Kelly	molly.kelly@leg.state.nh.us	Senate Member	
Rep. Norman L. Major	norman.major@leg.state.nh.us	House Member	
Ex-Officio			
Robert Arredondo	rarredondo@ccsnh.edu	NHTI Prof. & PLTW Trainer. Representative for Lynn K.	
James Gorman	jgorman@mv.k12.nh.us	Associate Principal, Merrimack Valley High School	
Lynn Darnell	ldarnell@ccsnh.edu	NHTI Prof. & PLTW Trainer	
Virginia Irwin	virwin@ed.state.nh.us	Dept. of Education. Representative for Paul L.	
Karen White	kwhite@mansd.org	Manchester Principal. Representative for Mike L.	
Kim Runion	krunion@ed.state.nh.us	Dept. of Education	X
Guests/Staff			
Kevin Shyne	kshyne@ncia.net	Pre-Eng Staff	X
Nancy Fall	nfall@ccsnh.edu	NHCTC Staff	