

PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY
Faculty Senate Minutes
December 13, 2005

Representatives in Attendance: Hasan Akay (alternate), Sohel Anwar, Jim Brown, Jie Chen, Barbara Christe, Gabe Chu, Bill Conrad, Jan Cowan, Jerome Clark, Daphene Koch, Nancy Lamm, Tim Price, Paul Salama, Rob Wolter (alternate), Wanda Worley, Charlie Yokomoto (alternate)

Guests: Ed Berbari, Connie Justice, Ken Rennels, John Schild, Dean Yurtseven

Meeting began at 11:05 a.m.

The minutes from November 8, 2005, were not discussed for approval. Copies of the minutes are not distributed at the meeting, but can be found at: G:\COMMON\Senate documents.

Administration Report

Dean Yurtseven presented the Administration Report (*Attachment 1*).

Academic Programs:

There are two items that will be on the agenda of the Purdue University Board of Trustees this Friday and they are as follows, a new degree program proposal, Biomedical Engineering Technology, BS and a name change for BMET-AS from Biomedical Electronics Technology to Biomedical Engineering Technology.

The spring 2006 convocation will be on Wednesday, January 4th beginning at 10:00 a.m. Letters to the faculty and staff will go out soon.

Faculty and Staff News:

A Five-year Administration Review for Hasan Akay has begun. Rich Pfile is the committee chair, and others members on this committee include Razi Nalim, Peter Orono, Jose Ramos, Emil Luca and Guatam Vemuri.

Theresa Goodwin resigned recently; Karen Cochran joined the school as an hourly staff to work with development and external affairs.

John Schild, with BME, received \$30,000 from IUPUI Research Support Funds Grant (RSFG) for his proposal.

Hazim El-Mounayri, with ME, received \$20,000 from RSFG for his proposal.

Yingzi Eliza Du, with ECE, received \$30,000 from RSFG for her proposal.

Rongrong Chen, with ME, received \$30,000 from RSFG for her proposal.

Wei Wang, with ECE, received \$14,850 from IUPUI International Development Fund (IDF) for his proposal.

Andrew Hsu, with ME, received \$8,000 from IDF for his proposal.

Events:

The Champ Car Series Champion, Sebastien Bourdais, visited our school on November 14th and spoke to students and fans.

The School Holiday Party will be on Monday, December 19th, 4:00-6:30 p.m. at the University Place Hotel; Dr. Yurtseven reminded everyone to come.

For further details of the Dean's Report see Attachment 1.

Administration Report from Dean Rennels**Spring 2006 Enrollment:**

Ken Rennels advised the Spring 2006 enrollment is in the negative but the gap is narrowing. The school is now down 9%; the campus is flat. The school is down 1,600 credit hours, however, Engineering is up approximately 7% and Technology enrollment credit hours are down about 12%. Ken advised with these figures the school is approximately 4,500 credit hours short in meeting the spring budget.

SIS Update:

The school has 71 Effective Date (Plan of Study date) degree programs, certificates and minors that have been coded. Only 2 remaining programs need to be coded. Minors and BME are not done, but what can be done is done as of today.

The SIS implementation group (Larry Hill, Dave Williamson, Vicki Lawrence, Kelly Keelen and Ken Rennels) will have a workshop January 4th in afternoon after convocation. The topics will be how to effectively use SIS Learning Management and how to conduct a graduation degree audit using SIS.

Online Instructor and Course Evaluations:

Online course evaluations were available from November 28th through December 12th. The response rate was 55.7%, compared to 57% response rate in fall 2002 with 100% paper evaluations. Response rates by department and section were distributed via email on Tuesday, December 14th. Hasan Akay questioned if the evaluation numbers were accurate; may include student numbers who have dropped. Nancy Lamm also advised her student numbers were incorrect. Ken advised he could check on this, but their information is from IUIE and he felt it was accurate.

Constitution and Bylaws Committee

Wanda Worley distributed information advising of three amendments to bylaws as follows:

President-Elect Position

1. Short term wording was added regarding if the President or President Elect is unable to preside. Basically if the President cannot preside the President Elect will preside; if the President Elect cannot preside the President can designate a substitute.
2. Long term wording was added regarding if the President is unable to complete a term the President Elect will serve as Interim President for the remainder of the term and then serve

his/her elected term. If the President Elect cannot complete a term the President can designate an Interim President Elect for the remainder of the specified term.

3. Additions to the *voting information* under President Elect position include the President and President Elect positions do not vote and in the event of a tie vote, the President Elect shall vote in order to break the tie.

Graduate Education Committee Membership

1. Change to this amendment is as follows. The committee will consist of one faculty member elected by each department and one from the combined programs, and an administrative representative appointed by the Dean who shall serve ex-officio without vote. The chair of the committee will be elected annually by the Senate from the elected Faculty members of the committee.

Education Policy Committee

1. Change of name to “Undergraduate Education Committee”.

Wanda asked if there was any discussion regarding these amendments to the bylaws. Jerome Clark questioned if the President and President Elect are not available what would happen. Faculty Senate felt there is little chance that neither person would be available. ***Faculty Senate did pass all three amendments.***

Daphne asked if the Undergraduate Education Committee could be combined with the Dean’s ad hoc Technology Graduate Education Committee. She feels since they have a smaller department there are too many committees to participate in for her department.

Nancy Lamm asked whether Freshman Engineering would have a representative at the Graduate Education Committee, she was advised they would (under programs).

Graduate Education Committee

Mark Bannatyne advised the committee approved a 5 year ECE BS/MS degree.

This degree was approved by Faculty Senate.

Student Affairs Committee

Rob Wolter advised the Engineering and Technology Student Council has been discussing the use of Oncourse in the school. The ETSC would like all instructors in the school to use Oncourse, and to use the grade book feature. Faculty Senate questioned the percentage of faculty who use Oncourse. Barb Christe advised someone can check manually to see which faculty are using Oncourse. At this time for the spring semester the school will continue to use the Oncourse classic version. Rich Pfile advised he would like to know the students desires and will forward the information to his faculty. Dr. Yurtseven attended the last ETSC meeting and feels the students would especially like to see the grade book used more. Rob will continue to let Faculty Senate know of the students’ desires regarding Oncourse.

Budgetary Affairs Committee

Rich Pfile advised the committee discussed promotions and salary increases. The committee feels the increase for a promotion should be significant but salary compression should be factored in also.

Based on early enrollment figures, Oner indicated the school could be facing a cash shortage next year. Currently the school needs \$600 K, but has only \$400 K on hand. Much of the school's reserve is being used to renovate the basement in the ET building, and faculty and staff positions are funded from cash as well as CNC upgrades, school awards and laboratory funds.

The committee recommended using a higher percentage of research funding to support the school needs. The school makes significant payouts to support research (research director, finance support personnel, and faculty release time for example) and the committee suggested Pat Fox look into what the school pays to support research and possibly try to recover these costs. The committee also recommended trying to allocate more space to bring more BME programs into the school to obtain more income from them.

Nominations Committee – No Report

Resources Policy Committee – No Report

Undergraduate Education Committee

Connie Justice advised the Education Policy Committee (just amended to be the Undergraduate Education Committee) met on Monday, November 28th and approved the following courses:

BME 331 - Biosignals and Systems

BME 334 - Biomedical Computing

BME 381 - Implantable Materials & Biological Response

BME 383 - Problems in Implantable Materials & Biological Response

CIT 451 – IT Security Risk Assessment

ECE 282 – Unix Programming for Engineers

ECE 408 – Operating Systems and Systems Programming

TCM 199, 299, 399 – Selected Topics: Technical Communications

The above courses were approved by Faculty Senate.

CIT 327 - Wireless Communications was tabled for the January meeting.

ECE 421 – Advanced Digital Systems Design was also tabled due to request for changes from the committee.

A certificate, Computer Application Certificate (CAC), was not received in time and will be discussed at the January meeting. Hasan asked what department is proposing this certificate. Computer and Information Technology Department is proposing the Computer Application Certificate.

Computer Resources Committee (CRC)

Hasan Akay reported that the committee met on Friday, December 2nd. CNC is making preparations for moving to basement of ET building this summer. The CNC lab upgrades are ongoing. CNC plans to adopt a policy to deploy new versions of software for fall semesters only (one time per year). Special requests may still be accommodated on case by case basis. They are currently investigating options for a better deployment system to provide flexibility.

Hasan reported that CNC is requesting through UITS that all faculty and staff register their Ethernet addresses by January 4th. This process should increase network security. There are 4 or 5 IT related

policies in place with UITS, which are being discussed at the university level also. Hasan also advised that if your computer is the particular one causing trouble/security issues in the school, UITS will remove your computer from the network and CNC will rebuild the computer for you if you need.

There is also an email policy being reviewed at the campus Technology Committee, which regulates mass emails, spams, chain mails, etc. on university accounts. For mass emails, appropriate authorization need be obtained from the highest administrator of a unit. For instance, the university president should approve emails sent to entire university body and the chancellor should approve the emails sent to entire campus body. Such university-wide policies are accessible from the website <http://www.itpo.iu.edu/policies/university.html>.

In response to the Student Council's request that E&T faculty should use Oncourse as much as possible in their courses, the committee has supported the Agenda Committee's endorsement.

Hasan reported to the Senate that IU and Purdue are now joining forces to send a proposal to the National Science Foundation to establish a petaflops computing facility which will be located in the new IT building. This facility is envisioned to provide both services to campus users and at the national level as well. It will be a supercomputing facility if the proposal is approved. Currently, IU and Purdue are choosing the specifications of hardware that will include up to two thousand processors. Hasan is trying to write the section on high-performance computing needs and activities of our school with some examples included. He welcomed any input faculty might offer on this.

Faculty Affairs Committee – No Report

IUPUI Faculty Council

Ed Berbari advised IUPUI Faculty Council met on Tuesday, December 6th. The Faculty Council members were all treated to a nice buffet at the hotel, which reopened recently. Chancellors is not quite open yet.

There was a presentation of Slates for Election to the Board of Review Pool and the Faculty Grievance Advisory Panel (to be conducted at the January 10th meeting).

Hasan and Mohamed are nominated for the Faculty Grievance Panel.

Ed and Mohamed are nominated for the Faculty Board of Review Panel.

Every two years the President of Faculty Senate votes if they are changing the portion of representation; it is currently staying the same. Everyone has 1, 2 or 3 representatives, except School of Medicine has 13 representatives.

Ed advised the Principles of Undergraduate Education document has revised PUL's and certain implementation language. Faculty Council indicated that the PUL's should stand alone. This issue will be brought forward as two separate documents.

Report from Chancellor Froehlich, Fiscal Futures team, dean is on committee. This group is looking at the financial problems of the campus. They are looking at a new set of proposals; 25 proposals were submitted, Ed was unsure of the status. There is a new set of rules to apply for the Chancellors reallocation fund.

Ed advised the school would like to be a non-smoking campus as of July 2006, but this is still in question. IU has received a \$90,000,000 scholarship endowment; IUPUI will get 1/3rd and IU will receive 2/3rds of the scholarship monies.

Bart Ng pointed out there is faculty information on the website. There are a lot of items in front of Board of Trustees; Mission Differentiation Statement, Conflict of Interest and Conflict of Commitment are on the table. The Family Leave and Background Check policies are still pending. *Pro Forma, RCM evaluations.*

The IU Board of Trustees are reviewing the performance of President Adam Herbert and will release a statement after they meet in a special session on January 14 at IU Bloomington.

Bart Ng also advised there is a resolution from Bloomington faculty, complaining about one university policy along with Mission Differentiation statement. There have been negative consequences on the Bloomington campus and they wish to “ensure steps the University can return to the level of quality desired by its constituents...” Ed was invited to represent IUPUI at the meeting of the Board of Trustees. This was a confidential session discussing the president; there are personnel issues. Also discussed campus structure, IUPUI advised to leave us alone.

Ed also reported that the IU Trustees appointed Craig Brater as first vice president for Life Sciences; Dean Brater will continue as the Dean of School of Medicine.

Grievance Board – No Report

Purdue Intercampus Faculty

Ken Rennels advised representatives from Purdue Intercampus Faculty Council met in Lafayette on November 11th.

There was a question whether the Intercampus Faculty Campus committee was it still needed; it will still exist. The meetings may be more virtual, than regular meetings.

The committee also discussed the registrar office in West Lafayette. They are using a new student system, New Student Information System, SAP. They do have access to Peoplesoft, however, and can access our student information directly.

Someone questioned if other campuses have access to Purdue salvage, Ken will look into this.

Ken advised on the Status of Continuing Education, the Engineering Professional Education (EPE) will pull all registration onto the West Lafayette Campus. Ken feels this will be a detriment to our school. It will be more expensive for our students if this happens.

There was discussion on how students can transfer between campuses, which involved the grade forgiveness policy.

Faculty Senate membership person for Purdue Faculty Senate Membership West Lafayette (election will be forthcoming). Terms are 3 years, will elect person very soon. The person will begin in January and serve through 2008, and then the School of Science will elect someone to serve on the committee for 3 years. Bill advised if you go to West Lafayette on a regular basis and could serve on this committee to let him know.

Purdue Technology Senate – No Report

Old Business – No Report

New Business

Bill Conrad gave the gavel to John Schild. Bill will not be on campus next semester.

The meeting ended at 11:45 a.m.; the next meeting will be on Tuesday, February 14, 2006, 11:00 a.m.

Attachment 1

Dean's Report for December 13, 2005 Faculty Senate Meeting

Academic Programs

- Our new degree program proposal, Biomedical Engineering Technology–BS, and a name change for BMET-AS from Biomedical Electronics Technology to Biomedical Engineering Technology will be on the agenda of the Purdue University Board of Trustees this Friday.
- The Spring 2006 faculty and Staff Convocation will be on Wednesday, January 4, 2006 at 10:00 am. Welcome letters to our faculty and staff will go out shortly.

Faculty and Staff News

- Five-year Administrative Review for Hasan Akay was launched by a committee chaired by Rich Pfile. The other members of the review committee are Razi Nalim, Peter Orono, Jose Ramos, Emil Luca, and Guatam Vemuri.
- Theresa Goodwin left our school to be a full-time mother. Search is underway to find her successor. Karen Cochran joined the school as hourly to support the development and external affairs.
- John Schild received \$13,000 for IUPUI Research Support Funds Grant (RSFG) for his proposal "Quantitative Hemodynamic Analysis of Aortic Baroreceptor Function".
- Hazim El-Mounayri received \$20,000 RSFG support for his proposal "A Modern CNC Turning Machine Tool for Developing the Advanced Virtual Manufacturing Lab".
- Yingzi Eliza Du received \$30,000 RSFG support for her proposal, "Robust Iris Recognition".
- Rongrong Chen received \$30,000 RSFG support for her proposal, "Request for Equipment for the Development of Non-Precious Metal Nano Catalysts for Fuel Cell Applications".
- Wei Wang received \$14,850 support from IUPUI International Development Fund (IDF) for his proposal, "Nanotechnology Research and Education Collaboration".
- Andrew Hsu received \$8,000 IDF support for his proposal, "IUPUI Rolls-Royce Collaboration on Sustainability Training".

Events

- Champ Car Series Champion, Sebastien Bourdais, visited our school on November 14 and talk to a large group of students and fans.
- The School Holiday Party will be held on Monday, December 19, 2005 at the University Place Hotel from 4:00 pm until 6:00 pm.