

PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY
Faculty Senate Minutes
May 10, 2005

Representatives in Attendance: Jie Chen, Gabe Chu, Jerome Clark, Bill Conrad, Jan Cowan, Andrew Hsu, Hazim El-Mounayri, Chul Kim, Brian King, Rich Pfile (alternate), Tim Price, Ken Reid, Paul Salama, Adam Siurek, Joy Starks, Charlie Yokomoto, Jack Zecher

Guests: Doug Acheson, Hasan Akay, Ed Berbari, Cliff Goodwin, Nancy Lamm, Ken Rennels, Marj Rush-Hovde, John Schild, Dean Yurtseven

Meeting began at 11:07 a.m.

The minutes from April 12, 2005, were motioned for approval. Brian King approved, Paul Salama seconded and all in attendance agreed. 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*).

2005-06 Budget:

The budget (2005-07) for the State of Indiana was approved on April 29th. Indiana University's share of the budget went up slightly by 1.9%. There is \$21M allocated for the general repair of buildings and \$45M toward the central heating plant project in Bloomington. The operating budget of the university was reduced by \$4.7M and IUPUI's share of the operation deficit is \$1.2M. Dr. Yurtseven advised this will affect our school. The school will find out what their share is on Wednesday and will have a week or so to submit a budget.

After receiving the budget information the Trustees of Indiana University met on Friday, May 6th to establish the school's fees for the next two academic years. The combined fee, instructional fees and mandatory fees along with various fees will increase 4.9% for each year of the biennium. ET graduate engineering fees will increase 12%. The impact of the approved budget on the schools is yet to be determined.

Faculty News:

- Yaobin Chen received the Doris H. Merritt Outstanding Leadership Award
- Ed Sullivan received the Frank E. Burley Distinguished Professor Award
- Charles Feldhaus received the Abraham M. Max Distinguished Award
- Daphene Cyr-Koch received the Outstanding Teacher Award
- Janet Meyer received the Wisner-Stoelk Outstanding Faculty Award
- Jie Chen, Daphene Cyr-Koch, Connie Justice and Cliff Goodwin received the Trustees Teaching Awards
- Daphene Cyr-Koch received a \$5K Teaching Initiative Award
- Chul Kim received a \$4K Teaching Initiative Award
- Soheli Anwar, Gabriel Chu, and Wei Wang each received a \$4K Research Initiative Award
- Elaine Cooney was promoted to full professor
- Paul Salama received tenure and was promoted to associate professor

- Joy Starks and her team received a three year \$75K grant from IUPUI to promote student involvement in civic engagement.
- Charles Feldhaus and his team received \$40K grant for Indiana State Workforce Development Office for Career Majors competition.
- Charles Turner submitted Invention Disclosure “A Treatment that Simulates Exercise” to the Office of Technology Transfer.
- Barbara Christe received a \$100K grant from Aramark Corporation to develop online courses for the Biomedical Engineering Technology-BS program.

Events:

The IUPUI Alumni Leadership Banquet was held on February 24 at the Indiana State Museum. Simon McCullough (ECET alumnus) received one of the three Hines Medal Awards.

The 31st Bepko Honors Convocation was held on Friday, April 22 at the Crown Plaza Hotel Union Station downtown Indianapolis. There were nearly 500 in attendance which was a record crowd for the school. There were more than 100 students, faculty and staff who were recognized and received awards and scholarships totaling \$188,000. Dr. Yurtseven advised the convocation may be at the same location next year.

Martha Martin (OLS) and Can Toksoy (ME) received Outstanding Associate Faculty Awards and Terry Bush (ECET, 1982) received the Distinguished Alumnus Award.

The 36th IUPUI Commencement took place on Sunday, May 8th at the RCA Dome. There were more than 5,000 graduates attending the ceremonies. Attendance for the graduation ceremonies has decreased over the years, but the school of ET had one of the highest attendance rates.

Our school awarded the following degrees:

- 255 AS degrees in Technology
- 289 BS degrees in Technology
- 6 BSE degrees
- 17 BSCmpE degrees
- 26 BSEE degrees
- 49 BSME degrees
- 5 MSBME degrees
- 31 MSECE degrees
- 11 MSME degrees
- 1 MSE graduate degree

Dr. Yurtseven mentioned the school might invite a senior to speak at post commencement next year. Hasan Akay asked if the school could have a distinction for various students during commencement. Chancellor Bantz did request all separate distinctions to stand during the ceremony. The December graduates distinction was determined, May/August could not be determined prior to graduation.

The Tau Alpha Pi induction ceremony for the schools top 4% technology students was held on April 15 at the Lilly Auditorium.

The Spirit of Philanthropy Luncheon was held on April 27th at the Marriott Hotel downtown. The ET School recognized Marvin and Priscilla Needler for their kind scholarship endowment for ECET students. Rolls Royce Corporation was also recognized for their significant philanthropic donations to the school.

The School Alumni Association sponsored a casual dinner celebration for the 2005 graduating class at the Rathskeller restaurant on April 28th. Dr. Yurtseven advised there was good attendance for this first time event.

Our School and the IUPUI campus hosted the first annual Indiana Department of Education's Project Lead the Way Conference on April 29. Over 200 high school students attended. The day consisted of workshops that focused on engineering and technology related careers. At lunch students also had the opportunity to meet with representatives of Purdue WL, Ivy Tech, Vincennes, Valparaiso, Indiana State and, of course, our school.

IUPUI Chancellor's Honors Convocation was held on April 29th where one outstanding student from each school is recognized. Talha Alam (ECE) with a perfect 4.0 GPA was recognized from our school.

Staff News:

Three staff members received awards at the Bepko Honors Convocation as noted:

- Valerie Lim Diemer received the Lucille Payton Outstanding Staff Award
- Sheila Walter received the Staff Spirit Award
- Susan Martin received the Staff Scholarship Award

Dr. Yurtseven also thanked Bill Conrad for serving as president of Faculty Senate.

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

Administrative Report from Ken Rennels

Course Evaluations:

Ken advised the final results for course evaluations were sent out on 5/10/05; there was an overall response rate of 48% for the school. There are a few issues regarding the online evaluations. The percentage response rate is one issue; Ken looked at two semesters prior to the beginning of the online system to spring 2005, and the response rate decreased by approximately 28%.

Ken looked at two key items from the evaluations, as follows:

- 1) How this course compares to other courses.
- 2) How this instructor compares to other instructors.

There were some problems with the online evaluations for spring 2005 semester. The main one was adding the \ads when students logged in. The evaluation system for the fall 2005 semester will be moved to and managed by CNC. The software will be re-written. By moving the evaluations to CNC they can have some pop up spam type item to remind students about the evaluations.

Ken will report to the chairs and dean's in the future and report to Faculty Senate in September regarding course evaluation updates.

ECE asked why the evaluations were still open after exams began; many Faculty Senate members were concerned about this decision. Ken feels it should not matter whether students submit evaluations before or after final exams. Ken advised he received a small amount of emails, around 10%, from faculty who felt this was not a good idea. Someone also mentioned the information recently sent out was not correct (had classes in there that did not exist); Ken advised they will look at the data again and re-send.

Charlie Yokomoto advised he sent notices out to students as reminders. There is evidence that a few reminders to your students may increase the overall response rate.

Grade Entry:

Ken advised the initial grade entry list came out on Monday, May 9. However, this information would not show up to date information, there is about a one day delay. SIS works on a batch updating system. He advised there would be another list out today (Tuesday, May 10). Ken is working with any faculty who are having grade entry problems. Ken also advised everyone to look at the registrar website for any grade submission directions if necessary.

There have been some grade basis problems; each semester the schedule person in the department should review this information from the registrar and advise of any discrepancies. Ken advised the grade basis defaults to GR1 each semester and you need to look this area over each semester.

Constitution and Bylaws Committee

Marj Rush-Hovde presented proposed changes to the constitution regarding the Presiding Officer. The committee added the President of Faculty Senate should be a tenured faculty. The proposed change also added information regarding a President-Elect; this position would be elected annually. The faculty serving in the President-Elect position will automatically move to the position of President of Faculty Senate after one academic year. The President-Elect position will vote in the event of a tie vote.

There was a discussion regarding whether the President-Elect should be a tenured faculty. John Schild felt there would be more investment in the position from a tenured faculty. Ed Berbari felt the position should be a tenured faculty; could state opinions, etc. easier if tenured faculty. The President also represents the Faculty to administrators of the School, IUPUI, Purdue University and Indiana University, therefore he or she should be tenured faculty. The majority felt it would be best to have a tenured faculty serve as president since this person would understand the complexities of the university better than a non-tenured faculty.

Someone questioned the term of the president. Bill advised many faculty members were talked to personally to be President of Faculty Senate; Bill also sent an email to ask for president elects. Bill feels faculty senate needs to do something about faculty not wanting to serve in various positions.

The Senate voted to approve the amendment to the Constitution stating that the President Elect position should be created. There was one dissenting vote. The proposed amendment will go next to all faculty members for a vote in the fall. If the position is approved, then several changes will need to be made to the bylaws to accommodate this new officer.

Graduate Education Committee

John Schild requested a course approval for ME 581, Numerical Methods for Scientists and Engineers. This course is currently offered at Purdue West Lafayette. Bill Conrad sent the course information out on 5/2/05 via email to all faculty. All approved the course.

Student Affairs Committee

Nancy Lamm advised she spoke with Pat Fox regarding the benches in SL. They found out the Office of Professional Development purchased the benches. Our school will be purchasing additional benches for the 1st floor. Nancy advised the school is still not sure why OPD bought the benches for the SL building. There are also benches on the second floor; this was a much needed addition to the SL side.

Nancy also advised the Student Affairs Committee does attend E&T Student Council meetings. The President of the ET Student Council feels many members (students) would like Student Advisory Boards for each department. Some objectives of the Student Advisory Board are as follows:

- The committees could provide feedback and advice to the department on undergraduate program related matters such as curriculum changes, program objectives, program outcomes, computer classroom environment, academic misconduct and online evaluations.
- Help the program assess program objectives and outcomes.
- Disseminate program and department plans to student body for additional feedback.
- Help the program prepare for the ABET review process.

Nancy advised departments could have student advisory boards for each track/program in a department. Ken Rennels advised these student boards would be helpful to departments in general and be an important tool towards ABET documentation. Along with these minutes is an attached document (via email) regarding the Student Advisory Board and its' objectives, meetings, membership, and how to establish the board. Bill Conrad advised all Faculty Senate members should take this information to their next department meeting.

Budgetary Affairs Committee – No Report

Nominations Committee

Doug Acheson distributed ballots to Faculty Senate to vote on next year's committee chairs. If a senator can vote, a substitute senator can vote. Current committee chairs cannot vote.

Doug Acheson and Hazim El_Mounayri counted the ballots. The Committee Chairs for 2005-06 academic years are as follows:

Computing Resources:	Hasan Akay (ME)
Education Policy:	Connie Justice (CIT)
Resources Policy:	Ed Sullivan (CIT)
Budgetary Affairs:	Rich Pfile (ECET)
Graduate Education:	Mark Bannatyne (MET)
Grievance Board:	Maurice Bluestein (MET)
Nominations:	Doug Acheson (MET)
Constitution and Bylaws:	Wanda Worley (TCM)
Faculty Affairs:	Cliff Goodwin (OLS)
Student Affairs:	Rob Wolter (OLS)

Resources Policy Committee – No Report

Educational Policy Committee – No Report

Computer Resources Committee

Hasan Akay advised that this committee is conducting a search and screen for two positions for CNC. The positions are for Academic Computing and Research (Unix/Linux) Computing.

There have been more than 20 applicants for each position. The two search committees have already identified a short list of qualified candidates to invite for interviews. The committees will begin initial interviews on Monday, May 16th. They will then recommend the best candidates to the Dean. Along with the Computer Resources Committee, there is one person from UITs, and one person from our school on each search committee. Terri Talbert-Hatch and Sara Koskie are the additional members from the School on the Search Committees of academic computing and research computing, respectively.

Hasan suggested if you have any concerns to talk with your representative. Names of candidates have not been made public at this time. The emphasis is on service approach; candidates should have service experience and the committee will determine the level of interest and abilities in this area. The committee plans on giving some candidate names to the dean by early June.

Hasan informed Faculty Senate that Bill Lin reports that the Computer Resource Committee CNC will be working in various labs over the summer, and will do some upgrades for faculty and staff. Software or services requests can be requested through the help desk or an email to CNC.

Faculty Affairs Committee

Hasan Akay advised that the Faculty Workload Guidelines that were approved by the Senate at its last meeting are now available online and can be found at the ‘School Documentation’ page of the faculty/staff website <http://facstaff.engr.iupui.edu>. Hasan also advised the members that the ‘Faculty Promotion and Tenure Documents’ page may be accessed from the same faculty/staff website of the School. This page includes the documents on promotion and tenure guidelines of the School and the Campus, as well as the presentation handouts of the promotion and tenure workshop of the School held recently.

Indianapolis Faculty Council

Ed Berbari advised there were memorial resolutions read for Abe Max and William Siebert, both from the School of Engineering and Technology, and Eleanore McCann from the School of Nursing.

Cliff Goodwin is now a member of the IFC Executive Committee.

The Annual Report on Affirmative Action was distributed to the council.

The Annual Report from Athletics and a report on the fiscal state of Division I Athletics at IUPUI was distributed to the council. Ed advised the bulk of the Athletics budget is for scholarships.

There was an action item on the “Resolution of Journals, Databases and Threats to Scholarly Publication” relating to faculty choosing not to publish in large corporate publication houses. There has been academic rebellion against some journals. The Faculty Council made some additional amendments to the action item and will forward to the Library Affairs Committee.

Ed advised the Promotion and Tenure policy of the school should accommodate faculty who do not publish in certain journals.

There was an action item addressing the Student Code of Rights, Responsibilities and Conduct; the item did pass and mainly stated that when a student is in a hearing he or she has to speak, no one can speak for them. The action item did pass.

Ed advised there was an amendment to the mission statement. Ed felt it was political and did not like the document; Hasan feels it is a strong mission statement.

Cliff Goodwin advised there were two proposals for Revision of Graduation with Academic Distinction Policy. One motion failed (a GPA issue), and one carried (B.S. degree candidates must complete a minimum of 60 hours at IU, however the degree granting unit may grant an exception to students who complete close to 60 hours at IU and graduate in the top 10% of their class).

For details on the above information and all other Faculty Council meeting notes please look at their website: www.iupui.edu/~fcouncil.

Grievance Board – No Report

Purdue Intercampus Faculty – No Report

Purdue Technology Senate – No Report

Old Business – No Report

New Business

Paul Salama requested a motion to close student evaluations of instructors prior to finals week. Brian King seconded the motion. Rich Pfile wondered if there is much difference in response or data between before and after finals evaluations. Paul believes conditions are different if students fill out the evaluations after taking their final. If the final exam is not easy or the student is unhappy with the final the evaluation could reflect this or show a more negative view of the course.

Dr. Yurtseven encouraged the extension. We need servers and software to be updated. Another reason to continue the evaluation was to increase the responses for tenure track faculty who will need this information. The Dean's office used logic that if they increased the time allowed they should receive more evaluation responses. The school needs to decide what participation numbers are best. Dr. Yurtseven asked Faculty Senate to decide on the rules. Faculty may have to wait to submit final grades.

A motion was made to close evaluations prior to final exams. The motion was approved. Bill did remind everyone for future evaluations to send reminders to your students.

Paul Salama asked if student rates are consistently low, can the school switch back to paper ballots. Hasan believes there has been a drop in evaluations from computer to paper over the past couple years. Faculty Senate can make the decision if the school should go back to paper if they feel this is necessary in the future.

The meeting ended at 12:40 p.m.; the next meeting will be on Tuesday, September 13, 2005.

Attachment 1

Dean's Report for May 11, 2005 Faculty Senate Meeting

2005-06 Budget

- State of Indiana approved its 2005-07 budget on April 29th. Indiana University's share of the state appropriation went up slightly by 1.9%. About \$21M was allocated for general repair and rehabilitation of buildings for the IU system and \$45M toward the central heating plant project in Bloomington. The operating budget of the university, however, was reduced by \$4.7M and IUPUI's share of the operational deficit is \$1.2M.
- As a follow up action, the Trustees of Indiana University met last Friday to determine the fees for the next two academic years. Accordingly, the combined undergraduate tuition at IUPUI will increase by 4.9% for each year of the biennium. The combined fee includes the instructional fees as well as the mandatory fees such as technology, athletics, etc. Our graduate engineering fees went up by 12%.
- The impact of the approved budget on the schools is yet to be determined. We have not received any fiscal guidelines about next year's budget in terms of salary adjustments and other fiscal matters.

Faculty News

- Several of our faculty members were recognized at the Bepko Honors Convocation. Yaobin Chen received Doris H. Merritt Outstanding Leadership Award. Frank E. Burley Distinguished Professor Award went to Ed Sullivan, Abraham M. Max Distinguished Professor Award to Charles Feldhaus, Outstanding Teacher Award to Daphene Cyr-Koch, and Wisner-Stoelk Outstanding Faculty Award to Janet Meyer. The 2004-05 Trustees Teaching Awards recipients are Jie Chen, Daphene Cyr-Koch, Connie Justice, and Cliff Goodwin.
- Daphene Cyr-Koch received \$5K Teaching Initiative Award for her proposal, "Course Redevelopment of CNT 347 – Construction Contract Administration".
- Chul Kim received \$4K Teaching Initiative Award for his proposal, "Integration of Multimedia Technology into an Introductory Construction Course".
- Gabriel Chu received \$4K Research Initiative Award for his proposal, "Concurrent release of two proteins for bone tissue engineering".
- Sohail Anwar received \$4K Research Initiative Award for his proposal, "Development of Analytical Redundancy in the Fault Tolerant Control of Drive-By-Wire Systems for Improved Efficiency".
- Wei Wang received \$4K Research Initiative Award for his proposal, "Exploring Quantum-Dot Cellular Automata Design and Simulation Technology".
- Elaine Cooney has been promoted to full professor rank.
- Paul Salama received tenure and he has been promoted to associate professor rank.
- Joy Starks and her team received a three-year \$75K grant from IUPUI as part of "Engaged Department" project to get CIT students involved in civic engagement.
- Charles Feldhaus and his team received \$40K grant for Indiana State Workforce Development Office for Career Majors competition.

- Barbara Christe received \$100K grant from Aramark Corporation to develop online courses for the new Biomedical Engineering Technology-BS program.
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- The 36th IUPUI Commencement took place on May 8, 2005 at the RCA Dome. Over 5,000 graduates joined the ranks of 125,000 IUPUI alumni. Our school awarded 255 AS, 289 BS in technology, 6 BSE, 17 BSCmpE, 26 BSEE, and 49 BSME degrees. In addition, 5 MSBME, 31 MSECE, 11 MSME, and one MSE graduate degrees were awarded. The number of certificates awarded was 130. The school's post commencement exercise was well attended with graduates and their families. In the morning, several of our MS and one PhD student attended the robing ceremony.
- Tau Alpha Pi induction ceremony for our top 4% technology students was held on April 15 at Lilly Auditorium.
- Spirit of Philanthropy Luncheon was held on April 27 at Marriott Hotel downtown. Our school recognized Marvin and Priscilla Needler for their generous scholarship endowment to for ECET students and Rolls Royce Corporation for its significant philanthropic contributions to school.
- School Alumni Association organized informal dinner celebration, "ET Rocks the Rathskeller" on April 28 at Rathskeller restaurant for the 2005 graduating class. Several door prizes were given.
- On April 29, our school organized the first Project Lead the Way Student Conference at IUPUI. Over 200 high school students attended the meeting with five universities working along IUPUI.
- IUPUI Chancellor's Honors Convocation was held on April 29 where one outstanding student from each school is recognized. Our outstanding student was Talha Alam (ECE) with a perfect 4.00 cgpa.

Staff News

- We also recognized few of our staff members at the Bepko Honors Convocation. Valerie Lim Diemer received Lucille Payton Outstanding Staff Award. Staff Spirit Award went to Sheila Walter and Susan Martin received Staff Scholarship Award