

**PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY**  
**Faculty Senate Minutes**  
**October 9, 2007**

Representatives in Attendance: Hasan Akay (alternate), Karen Alfrey, Sohel Anwar, Mark Bannatyne, Ed Berbari, Jie Chen, Barb Christe, Elaine Cooney (alternate), Dave Dellacca, Mohamed El-Sharkawy, Charles Feldhaus, Becky Fitterling, Stephen Hundley, Connie Justice, Brian King, Emily McLaughlin (alternate), Paul Salama, Erdogan Sener, Joy Starks, Jack Zecher

Guests: Doug Acheson, Cliff Goodwin, Dave Williamson, Wanda Worley, Dean Yurtseven

Prior to the meeting Bill Lin requested Elaine Cooney attend the meeting as a temporary alternate for ECET; Stephen Hundley advised this would be fine and is noted for the October 2007 minutes.

Meeting began at 11:00 a.m.

Stephen Hundley asked everyone to look over the agenda and advise him of any changes and/or additions. The agenda was approved by Faculty Senate.

Stephen Hundley reminded everyone they should look at the meeting minutes prior to meeting. Copies of the minutes are not distributed at the meeting, but can be found at G\COMMON\Senate documents in addition to being distributed to all faculty via the E&T Faculty email at least one week prior to each Faculty Senate meeting. Barb Christe made a motion to accept the September 2007 minutes; all approved.

Dr. Akay noted that the school should be referred to as E&T in any formal written information, not ET.

### **Administrative Report**

#### **Faculty News:**

John Schild (BME) received \$321,078 continuing (non-competitive) award from NIH for his proposal. Charles Turner (BME) received \$404,696 continuing (non-competitive) award from NIH for his proposal. Yaobin Chen (ECE) received \$78,119 new service award from LHP Software, LLC for his proposal. Stanley Chien (ECE) received \$5,875 supplement award from Varian Medical Systems for his proposal. Russ Eberhart (ECE) received \$40,799 new research grant from Delphi Delco for his proposal. Sohel Anwar (ME) received \$59,969 new research grant from Servo Tech, Inc. for his proposal. Charles Feldhaus (CILT) received \$46,211 new service grant from Indiana Computer Education for his proposal.

Janet Meyer (Freshman Engineering), Nancy Lamm (Freshman Engineering) and Joshua Smith (Education) received the best PIC 3 Paper Award at the ASEE Annual Conference, Honolulu, HI.

Ken Reid (ENT) published a textbook "Introduction to Digital Electronics." Bob Dueck from Red River College in Winnipeg, Canada was co-author on the textbook.

Joy Starks (CILT) published a textbook "Publisher 2007: Introductory Concepts and Techniques." Gary B. Shelly and Thomas J. Cashman were co-authors on the textbook.

#### **Events:**

E&T Alumni Association Golf outing took place on Friday, September 21, 2007; the school expects to raise over \$3,000 for student scholarships.

A delegation from the Hanoi University of Technology, Vietnam, visited our school on Saturday, September 22, and met with a number of department chairs and school administrators. The school hopes for potential research collaboration and starting a 2 plus 2 program in the engineering and technology areas.

Staff Retreat took place on Friday, September 28<sup>th</sup> at the Butler University Health and Recreation Complex. Mary Ellen McCann with IU discussed "Change in the Workplace" in the morning and Butler staff provided team building exercises in the afternoon.

The Annual Joint meeting of the Advisory Boards took place on Friday, September 28<sup>th</sup> at the Rolls Royce Training Center. Uday Sukhatme (IUPUI), Eugene White (Superintendent of Indianapolis Public Schools), and Bruce Parkinson (Director of Human Resources at Delphi) were speakers for the event. One of our BME students, Eddy Shmukler, made a presentation of his undergraduate research (MURI).

Computer and Information Technology hosted 125 high school students for CIT day on Friday, October 5<sup>th</sup>. Joy Starks, Tom Ho, Jan Stevens, Eugenia Fernandez and Joshua Wisdom (CIT Student) volunteered their time and worked with the students.

#### **Motorsports Engineering B.S. Degree:**

Dr. Yurtseven advised the Motorsports degree proposal was approved by Academic Policies and Procedures Committee. The degree will go to Purdue this week, the Provost and then the Board of Trustees. Purdue will then forward the proposal to the Higher Education System. The school is trying to get state funding currently. The actual state funding may not happen until 2009-2010, however the school may be able to obtain a one time start up funding for next year. Liberal Arts, Business and Tourism departments are also developing a Motorsports Studies program.

#### **United Way:**

Hasan Akay presented United Way information. IUPUI is part of the central Indiana campaign. The campaign ends October 26, 2007. United Way last year helped over 100 agencies; up to 95% of each dollar goes to various charities currently. Many local agencies depend on United Way. IUPUI goal this year is \$410,000; currently \$233,000 collected. Last year \$355,000 was collected. Dr. Akay advised IUPUI United Way participation rate is low compared to IU and Purdue, we are at 14%, Bloomington is 23%, and Purdue is 50%. The School of E&T goal is to raise \$6,500, and so far \$5,000 has been raised. Hasan asked that Faculty Senate remind and take this message to their department colleagues. There is also a United Way event on Monday, October 22, 11:00-1:00 p.m. at the Courtyard in UC to help raise money for United Way. Colts cheerleaders will be at the event and you can register to win Colts game tickets.

#### **Miscellaneous:**

Ed Berbari mentioned that when Dr. McRobbie was here he mentioned extending our engineering presence to the Bloomington campus; Ed asked if there had been any discussions regarding this. Dr. Yurtseven advised he has discussed this with IU Bloomington Provost but had not followed it up any further. He will set up a meeting with Provost Hansen in this regard.

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

## Administrative Report from Dean Conrad – No Report

### Budgetary Affairs Committee

**Cliff Goodwin** advised the Budgetary Affairs Committee met on October 4<sup>th</sup>. For the first time in 6 semesters there was a positive increase for E&T in credit hours and head count.

Fall E&T Credit hours: + 2.7%, Head count: + 4.7%

Fall IUPUI Credit hours: + 4.9%, Head count: + .3%

Cliff advised cash flow comes from head count and research. Cliff advised spring enrollment figures will determine to what extent salary savings and travel funds will be restored. Dr. Yurtseven plans to restore both if enrollment increases continue. Dr. Yurtseven advised there was some savings, \$50-100K with the reorganization process.

The Senate approved the 2005 Work Load policy, and Cliff reminded Faculty Senate that this policy should be followed this academic year.

Data on productivity per department is still being collected. There are no plans at this time to go to the RCM level.

The Associate fee schedule has been distributed to chairs and administrative assistants. Cliff advised this will especially affect associate faculty who have taught seven or more years. The increase will be effective spring 2008.

The IU Board of Trustees Presidential Tax for the School of E&T will be between \$200-300K. Cliff advised this is something we should think about very carefully. The Dean's have brought this up, looking at the 2006-07 year; out of 21 units 10 are in the red at IUPUI. The school might want to send a message to the Board of Trustees to let them know our thoughts. Cliff likes the idea of sending a letter; however, he is concerned with so many units in the red, and faculty salaries, that the Board of Trustees has a disconnect with regards to the financial situation of IUPUI.

**Ed Berbari** advised from past experience the trustees would listen to Faculty Councils should this body have a statement to present. President McRobbie does not have control over the tax; Board of Trustees feels this is the way to go. **Connie Justice** asked if we know how the tax money will be used. Ed believes this is a structural fix, discretionary funds for president. The decision on requested amounts is some type of formula that the campus uses. Ed suggested we develop some strategic plan on how to use the money; become strategically important to the President. There is a possibility Bloomington might in fact hire some of our faculty.

With this in mind, **Stephen Hundley** emailed faculty after the Faculty Senate meeting and asked for input from any faculty member wishing to express an opinion on the tax. Stephen will forward a letter to Bart Ng, President of the IUPUI Faculty Council.

**Ed Berbari** questioned Cliff as to whether the Budgetary Affairs committee was looking at opportunities to raise salary increases for faculty. Ed suggested a faculty wide discussion regarding suggestions faculty may have to balance the budget. Ed felt there are some options such as whether or not to continue to keep personnel levels the same, look at the total staffing. Faculty and Staff positions should be looked at as far as hiring after someone leaves the school. Ed feels the school has had minimal raises over the past few years. **Mohammed El-Sharkawy** would like to see a 5% raise and discuss ways the school could do this.

## Computer Resources Committee

**Hasan Akay** reported that the Computer Resources Committee (CRC) met on September 21<sup>st</sup>. This committee has representation from every program, and is a very diverse group.

The committee looked at some of the action items. They will work with CNC to develop a Life Cycle plan to assess every staff/faculty computing and work station needs. The teaching labs need more power and memory also. The Life Cycle plan is a campus program that provides the schools a certain amount of money from IT administration. Bill Lin will work with the committee and Dean on how to implement this plan.

The committee revisited the Pay for Print policy, which was defeated by Faculty Senate. Dr. Akay would like to give students a certain printing quota free. The committee will formulate a better plan to present to Faculty Senate in the future.

CNC is trying to make sure they get the maximum benefit of their software licenses. The committee is encouraging CNC to use open lab at UITS and make sure the software our students need are in these labs also.

Akay advised the committee is working with CNC and the schools Technical Services Team in terms of collaboration. Computer Resources Committee is looking at joint activities to promote training and more understanding between the computing and non-computing technical services. Rich Pfile and other chairs attend on as needed basis. The members of the Technical Services Team (technicians) and CNC can work collaboratively while also working on their own departmental needs.

Akay advised there will be a new Learning Technologies Committee formed on the campus side, which consists of members of faculty from both IUPUI and IU, and regional campuses will also have representatives attending. This committee will have specific responsibilities for ensuring careful and timely decisions made regarding future initiatives and priorities for teaching and learning technologies and for recommending policies to guide the effective use of these technologies. Also, a university wide Quality Council was recently established recently by UITS administration in an effort to conscientiously measuring and improving the quality of services provided.

Akay advised that the student laptop is a program that the committee plans to explore more. The Design Technology program was going to try a pilot program to require certain students to have a laptop this semester, but evidently they have decided to postpone that. CNC was asked to come up with a plan for this program. This may be one way of utilizing the resources effectively. They are currently at full capacity in the CNC labs. Some of the open labs are being used for instruction (**Mark Bannatyne** questioned this); however, there is always at least one open lab available.

**Doug Acheson** questioned the issue of students bringing their own laptops. What effects would this have on the technology fee? Doug and others advised students often question the "technology fee." If staff salaries are paid by technology fees, there could be a negative impact if we require students to buy their own laptops. Akay indicated that pilot projects might be best to test this idea.

In a couple of months CRC will have more to report on laptop usage. The questions of how our technology fees are spent in the school and if we are spending these fees wisely. There is another committee, a part of the chairs group, also looks at this. The Dean has appointed chairs to have a portfolio. Financial accountability is in **Ed Berbari**'s portfolio. He advised having a portfolio of accountability of common expenses. He mentioned that the chairs group will analyze lab fees and cost of labs. Trying to get our hands around lab fees, part of technology fee that goes to campus is sent back to

us. Software is a large cost and the school has never really been evaluating this cost closely. Computer Resources Committee is trying to encourage CNC also to look at part time or student help. They have \$15,000 for part time help; **Dave Dellacca** offered Bill Lin CIT student help. Students are constantly asking about where the technology fees are spent.

**Cliff Goodwin** suggested CRC engage the student council on the issue of requiring students to have their own laptops. The President, **Stephen Hundley**, charged CRC to further study the technology fee usage in the school as well as the student laptop program and report the findings to the Senate in the future.

**Constitution and Bylaws Committee** – No Report

**Graduate Education Committee** – No Report

**Grievance Board** – No Report

**Faculty Affairs Committee** – No Report

**Nominations Committee**

**Doug Acheson** advised the Nominations Committee met on September 27<sup>th</sup>.

There have been various changes due to the reorganization. The committee membership document has been updated and can be found at G:\COMMON\\_Senate documents\Committee assignments for 2007-08 (realigned). The listing for “Senate Documents” has been moved to the top of the list on the “Common” drive.

Doug advised he would like to see an end to committees changing in midstream. Please adhere to your appointed 2-year term. **Barb Christe** mentioned it is hard to make people serve and some have quit. Doug reminded everyone to schedule meetings when every member can attend; be mindful of teaching schedules.

**Dr. Akay** mentioned CRC committee has representation from each program; Doug will request the Constitution and Bylaws committee to look at this as far as ALL programs which are currently represented under various departments. i.e. INTR & ART under DST and BMET under ECET.

Clarification is needed in the area of program, department and degree, along with classifications of faculty (tenure, and tenure track, lecturer, clinical and academic specialists) to identify who is eligible to serve on committees.

Faculty Affairs is looking at terms. The Bylaws Committee will look at updating information with regards to the reorganization.

Doug advised the online nomination system will add an area where faculty can write in a campaign statement; term limits will also be put in this system. Departments should make sure there is a willingness to serve on these committees.

Doug suggested the Assessment Committee should be moved from ad-hoc status to a committee recognized by the Bylaws Committee. At this time there is no intention to change the Assessment Committee status. However, they should be added to the Committee Assignment list under “ad-hoc” for membership information.

Doug advised his committee that further meetings would be done electronically due to the busy schedules of committee members.

Further details of the Nomination Committee Meeting can be found under the G:\COMMON\Senate documents\October 2007 Documents, Nomination Committee Meeting Minutes, 9/27/2007.

**Resource Policy Committee** – No Report

**Student Affairs Committee** – No Report

**Undergraduate Education Committee** - No Report

### **IUPUI Faculty Council**

Charlie Feldhaus gave a summary of the October 2<sup>nd</sup> IUPUI Faculty Council meeting.

Bonnie Blazer-Yost was elected to the Campus Promotion and Tenure Committee for 12/2007 thru 11/2010 term.

The November 6<sup>th</sup> IFC meeting will be held from 3:00-3:50 p.m. in the University Conference Place Conference Center Auditorium. Chancellor Bantz annual State of the Campus address will follow the meeting from 4:00-5:00 p.m.

Bart Ng is working to schedule a meeting between IFC and the Indiana Commission on Higher Education (ICHE).

IFC, Bloomington Faculty Council and UFC will be meeting to review and revise the Partially Paid Family Leave plan.

The Trustees have not yet acted yet on the Intellectual Property Policy. Bart Ng is monitoring the progress of said review and will update the IFC as event warrant.

IU President McRobbie has asked the IFC to recommend faculty, community members and a chair for Chancellor Bantz's upcoming five-year review. Please forward suggestions (and a brief rational for each) to Bart Ng.

Chancellor Bantz recognized and thanked Vice Chancellor for Administration and Finance, Bob Martin, who has been part of the IUPUI campus since 1969, and is retiring.

During Celebrate IU week President McRobbie will be inaugurated. There was a symposium held on October 14<sup>th</sup>, "Higher Education: A Change Agent in International Development."

On October 15<sup>th</sup> a lunch program titled "Translating Research Into Practice (TRIP)" initiative will take place at the University Place Conference Center from 12:00-1:30 p.m. Charlie encouraged everyone to go.

IUPUI will sponsor student information booths and campus tours during the upcoming annual Future Farmers of America convention.

Faculty are urged to visit the Academic Affairs website for updates on Academic Action Plan committee recommendations and Signature Center proposals and funding.

Jeff Watt submitted a proposal to create a new Undergraduate Curriculum Advisory Committee. This was not endorsed. Jeff Watt will bring this proposal back in November or December.

Karen Whitney, Vice Chancellor for Student Life and Dean of Students, gave results of an external review from Spring 2007 regarding student activity fees and their allocation policies. The review recommended creating a uniform process for all student organizations; developing a system that emphasizes accountability; and increasing funding to student organizations. Terri Talbert-Hatch is not in favor of centralizing dollars for student groups.

Susan Brewer, University Director, Health Care & Welfare Program Services, announced M-Plan will be discontinuing offering its HMO health care plan to employees effective January 1, 2008. Additionally, Anthem PPO Plus will be discontinued in 2009. As a side note, Blue Preferred Plan is perhaps the most similar to the M-Plan HMO. Benefits open enrollment begins mid October, and November 17<sup>th</sup> is the deadline for open enrollment.

The Annual Health and Benefits Fair will be held on Friday, October 26<sup>th</sup>, 9:00-3:00 p.m. in the University Place Conference Center (2<sup>nd</sup> floor).

United Way was discussed and the importance of supporting United Way.

Chancellor Bantz recognized faculty achieving twenty years of service, including attendees Sharon Hamilton, Margaret Richwine, Roger Schmenner, and Darrell Davidson.

*For details on the above information and all other IUPUI Faculty Council meeting notes, please look at their website: [www.iupui.edu/~fcouncil](http://www.iupui.edu/~fcouncil).*

**IUPUI Graduate Affairs** - No Report

**Purdue Intercampus Faculty** – No Report

**Purdue Technology Senate** – No Report

**Purdue Faculty Senate** – No Report

**Purdue Graduate Council** – No Report

**Old Business** – No Report

**New Business**

Assessment Committee reporting will be done by individual programs. There should be representation from each department to have someone on committee. Departments should develop reports and everyone should be involved.

The Assessment Committee meets every 3<sup>rd</sup> Friday of the month at 12:15 p.m. ; the committee does not meet over spring break

The meeting ended at 12:30 p.m. The next Faculty Senate meeting will be Tuesday, November 13, 2007, 11:00 a.m. in SL 165.

Attachment 1 – Administrative Report from Dean Yurtseven

Dean's Report for October 9, 2007 Faculty Senate Meeting

**Faculty News**

- John Schild (BME) received a continuing (non competitive) award as part of the total award of \$321,078 from NIH for his proposal, "Neurobiology of Baroreceptor Perikarya and Afferentation".
- Charles Turner (BME) received a continuing (non-competitive) award as part of the total award of \$404,696 from NIH for his proposal, "Genetic Analysis of Bone Structure and Strength".
- Yaobin Chen (ECE) received a new service award of \$78,119 from LHP Software, LLC for his proposal, "Technical Support for Software Implementation".
- Stanley Chien (ECE) received a supplement award of \$5,875 from Varian Medical Systems for his proposal, "Completing the Construction of Relocatable Stereotactic Immobilization Frames".
- Russ Eberhart (ECE) received new research grant of \$40,799 from Delphi Delco for his proposal, "Countermeasures to Fatigue".
- Soheli Anwar (ME) received a new research grant of \$59,969 from Servo Tech, Inc. for his proposal, "Sensing and Computer Algorithms for Autonomous Machines-Phase 2".
- Charles Feldhaus (CILT) received a new service grant of \$46,211 from Indiana Computer Education for his proposal, "Indiana Computer Educators Administrative Assistant".
- The paper by Janet Meyer (Freshman Engineering), Nancy Lamm (Freshman Engineering), and Joshua Smith (Education) received the Best PIC 3 Paper Award at the ASEE Annual Conference, Honolulu, HI.
- Ken Reid (ENT) published a textbook, "Introduction to Digital Electronics". His co-author is Bob Dueck from Red River College in Winnipeg, Canada and the publishing firm is Cengage Delmar Learning.
- Joy Starks (CILT) published another textbook by Thomson Course Technology Publishing, under the Shelly Cashman Series, "Publisher 2007: Introductory Concepts and Techniques". Her co-authors are Gary B. Shelly and Thomas J. Cashman.

**Events**

- E&T Alumni Association Golf outing took place on Friday, September 21, 2007 at the Saddle Creek Golf Course. We expect to raise funds of over \$3,000 for student scholarships.
- A delegation from the Hanoi University of Technology, Vietnam composed of the Rector, Assistant Rector, Dean of Advanced School of Science and Engineering, Director of International Programs, and IU faculty liaison visited our school on Saturday, September 22, met with number of department chairs and school administrators. There is a potential for research collaboration and a start of 2 plus 2 programs in engineering and technology areas.
- Annual Staff Retreat took place on Friday, September 28, 2007 at Butler University. Number of Human Resources experts was at hand to provide some team building exercises and discuss change in the workplace.
- The Annual Joint meeting of the Advisory Boards took place on Friday, September 28, 2007 at the Rolls Royce Training Center. Over one hundred business and industry partners, faculty, and staff attended. Our graduate and undergraduate students presented research posters during the lunch. The DIAC Chair Doreen Gridley was the MC for the meeting. The speakers for the day were Uday Sukathme (IUPUI), Eugene White (Superintendent of Indianapolis Public Schools) and Bruce Parkinson (Director of Human Resources at Delphi). The theme of the meeting was "innovation and diversity". One of our Biomedical Engineering students, Eddy Shmukler, made a presentation of his undergraduate (MURI) research.
- Computer and Information Technology hosted 125 high school students as part of the CIT Day on Friday, October 5, 2007. There were three sessions each on four selected topics -- Jumpin' with JavaScript, Handheld Programming, Steganography...The Art of Hiding Information and Do the Mashup: Programming without Pain -- and a lunch session on CITIDOE. All the sessions were

## **Attachment 1 – Administrative Report from Dean Yurtseven**

well received. Joy Starks, Tom Ho, Jan Stevens, and Joshua Wisdom (a CIT student) volunteered their times for the event.

### **United Way**

- Hasan Akay who is the Chair of the United Way campaign for the school will have a brief presentation. I would like to encourage our entire faculty members to participate in the effort so that as a school we do our part to help IUPUI reach its goal.