

PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY
Faculty Senate Minutes
October 13, 2009

Representatives in Attendance: Doug Acheson, Karen Alfrey, Sohel Anwar, Ed Berbari, Rongrong Chen, Elaine Cooney, Yingzi Du, Cliff Goodwin, Connie Justice, Roberta Lindsey, Emily McLaughlin, Ken Rennels, Steve Rovnyak, Erdogan Sener, Joy Starks (alternate), Bill White

Guests: Marj Rush-Hovde, Andrew Hsu, Sarah Koskie, Dean Yurtseven

Presiding: Ken Rennels, Faculty Senate President

Meeting began at 11:05 a.m.

Ken Rennels asked everyone to look at the agenda for the meeting, the agenda was approved.

Ken Rennels asked everyone to look at the minutes from the September 2009 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. A motion was made to accept the September 2009 minutes; all approved.

Administrative Report

Dr. Yurtseven advised Faculty Senate of the following:

Academic Programs:

Energy Engineering BS program proposal still waiting for approval by West Lafayette.

In process of investigating 2+2 engineering programs with Sun Yat-Sen University in China. Chancellor Bantz will go to China in December to sign a strategic agreement. Students will have a special track before coming to IUPUI to complete degree.

Business Continuity Plan is being developed using a \$450K grant that IUPUI received from the federal government. The school task force is co-chaired by Connie Justice and Bill Lin.

Grants and Contracts:

Dr. Yurtseven advised we are #2 on campus after the Medical School in terms of research grants; we may have a different picture later, but if this continues we may exceed \$7.2M that we had last year and could reach \$8-\$10M quite easily.

- Tom Iseley (ENT): Sprayrog, New Service Award, 7/23/09-10/23/09, ICR: \$849, Total: \$3,500
- Tom Iseley (ENT): Advance Drainage, New Service Award, 8/24/09-11/24/09, ICR: \$849, Total: \$3,500

- Tom Iseley (ENT): Haviland Drainage, New Service Award, 7/10/09-12/31/09, ICR: \$849, Total: \$3,500
- Charles Turner (BME): Oregon Health Scientific, Non-Competing Award, 9/1/09-8/31/10, ICR: \$35,643, Total: \$104,853
- Dong Xie (BME): New Research Award, NIH, 9/17/09-8/31/10, ICR: \$124,440, Total: \$398,384
- John Lee (ECE): NSF, Supplement Award, 9/1/09-8/31/10, ICR: \$1,285, Total \$20,875
- Hazim El-Mounayri (ME): CAE-NET, New Research Award, 9/1/09-8/31/10, ICR: \$4,734, Total: \$13,500
- Razi Nalim (ME): Rolls Royce, Supplemental Award, 7/1/09-10/31/09, ICR: \$5,046, Total: \$20,108
- Razi Nalim (ME): Rolls Royce, New Research Award, 1/1/09-12/31/09, ICR: \$20,863, Total: \$94,028
- Andrew Hsu (ME): Crane, New Research Award, 9/28/09-9/27/10, ICR: \$182,144, Total 1,456,000
- Rongrong Chen (ENT): US Army, New Research Award, 8/23/09-8/22/11, ICR: \$49,091, Total: \$150,000
- Charles Feldhaus (CILT): Washington Township, Continuing/competing Service Award, 8/1/09-7/31/10, ICR: \$2,948, Total: \$110,936

Faculty News:

Hiroki Yokota (BME) and Ping Zhang (Medicine) submitted patent application to the IU Office of Technology Transfer.

Joy Starks (CILT) received the 2009 Indiana Association for Career and Technical Education (ACTE) Citation Award for contributing significantly to the growth and development of career and technical education in Indiana.

Stephen Hundley (CILT) had the second edition of his book Workforce Engagement: Strategies to Attract, Motivate and Retain Talent published by WorldatWork.

Events:

Energy Security as National and Economic Security Forum was organized by the Lugar Center for Renewable Energy. Senator Lugar and former senator John Warner were the keynote speakers.

Dean Yurtseven advised the school had the first EDDP Affinity Reunion on October 3 at Butler University during Butlers homecoming; 9 alumni members attended.

ET Career Connection on October 8th was a great success; with the current economy, not sure what to expect, but 44 companies showed up and 600 students participated at the Career Fair. Dean Yurtseven also noted that Cummins will be hiring 75 people in engineering in 2010.

ANGEL Funds:

Dean Yurtseven advised the school has not been able to resolve this issue of how to share the funds from the proceeds of the sale of ANGEL software with IU RTC and the university. The chairs have also expressed frustration over the issue. President of IU RTC, Tony Armstrong, has spoken on behalf of the school; however, there has not been any follow up from IU RTC.

Budget:

Dean Yurtseven advised there will be a separate budget report from Cliff Goodwin from the Budgetary Affairs Committee.

The school is returning \$300 to every full time resident undergraduate student who achieves a GPA of 3.0 or above this academic year; the cost to the school will be about \$150K.

Looking at the financial data, since the tuition increased by 4.6% along with the program fee the school has additional base funds; we have approximately additional \$1M in the base funds. Dean Yurtseven is looking for some priority and advice from the Budgetary Affairs Committee and Department Chairs and Deans/Directors. Dean Yurtseven made a presentation to ET Staff to get their thoughts also. Some priorities listed include upgrading teaching labs, since we tell students they are paying more so they will get better service and technology in the labs; increase technical and computing support for both teaching and research; salary increases for faculty and staff.

The State appropriation to IU was cut by 4.2% for this year and next year and was backfilled with federal stimulus funds for 2009-10 and 2010-11, so we are even in terms of state appropriation. About 2 years down the line those funds will not be available; we have to make up for this difference. By the end of October we are to have a plan regarding the difference. Dean Yurtseven noted the difference for this year is \$396,000. Based on discussion with the Budgetary Affairs committee and the Department Chairs we are saying we have \$1M excess in the base. Dean Yurtseven noted the school would like to use \$396,000 to cover the potential difference for the future. As noted in the newspaper yesterday we may be hit by another cut as state tax revenues are short \$258M, about 8%. The governor does not want to use other funds or raise taxes, so the alternative is to cut state agencies, may come back to higher and secondary education. The federal government said states cannot do this forever when their budget is cut and use school funds; suggest not more than 30% of funds can be used this way. Dean Yurtseven advised we are not sure what kind of hit will be forwarded to our school.

Dean Yurtseven advised it appears the IUPUI lab building may be delayed and become one of the IU capital projects; President McRobbie would like to have state funding for the building so the building can be bigger, to build a \$40M building. The requests will go to the State for 2011-13 biennium; request will be presented spring 2012. By the time the building is approved could take another year.

Professor Roberta Lindsey asked if Dean Yurtseven saw the information about Dr. Burns and the Master of Music Therapy program in the Thursday Indianapolis Star. It was a good write up and they also

mentioned the equivalency program; Dean Yurtseven noted he saw the article but did not recall reading the equivalency part, he will add the information to the faculty highlights next month.

Professor Ed Berbari noted that Dong Xie's grant was a challenge grant, only 200 given out in the country out of 2,000 applications. Berbari advised only two people on our campus received the award.

Associate Dean's Report

Associate Dean Stephen Hundley was out of town during the Faculty Senate meeting, however, he forwarded the following report:

- The RISE Working Group and GREAT Environments Task Force are meeting this semester
 - RISE Working Group is developing scalable strategy for offerings in E&T
 - GREAT is examining how students interact w/ E&T from recruitment to graduation
 - Reports from both groups will be presented in January
- RISE Curriculum Development Grants are available from campus; more information here:
http://www.iupui.edu/administration/acad_affairs/rise/
- Accreditation Information
 - CIT/CGT ABET visit next week
 - NASM visit in November
 - BME/ECE/ME preparations for Fall, 2010 ABET visit underway
- Assessment Information
 - PUL 5-year evaluation plan due to campus by 10/30; this supports IUPUI's 2012 NCA accreditation visit
 - Assessment Committee is working on details to align with our existing efforts
- ME is piloting proactive communications with at-risk and high-ability students this semester
 - At-risk (2.0-2.5 GPAs)
 - High-ability (3.5-4.0 GPAs)
 - Targeted communication and interventions provided to each group
 - ME will evaluate results and the goal is to roll-out to other departments in spring and beyond
- Advising is underway for spring 2010 semester
 - Priority registration for students begins on Monday, October 26
- IUPUI's Office of Faculty Appointments and Advancement is offering several workshops for faculty, including information on promotion and tenure, teaching and learning strategies, lecture series, etc. Faculty are encouraged to find out more about these opportunities here:
<http://faa.iupui.edu/newFaa/events/eventsCalendar.asp>

Ken Rennels reminded everyone that ABET will be visiting next week, Sunday, October 18 through Tuesday, October 20, visiting CGT and CIT, and will predominantly be in the ET building.

Associate Dean for Graduate Programs and Research

Associate Dean Andrew Hsu noted the schools research income has reached \$5.1M as of October 1. If you compare two years ago we were at around \$5.5M per year for a couple of years. This figure points to a very good trend; should be able to reach approximately \$10M this year.

From the Graduate office side, there are a couple of new programs the school is pursuing.

1. Multidisciplinary PhD Program – Dr. Uday Sukhatme and Sherri Alexander have given their support; IUPUI campus will propose a Multidisciplinary Ph.D. program that would cover a wide variety of disciplines. This week they will meet with the Graduate office and the Associate Deans from the various schools that will partner with our school; Science, SPEA, Business and Liberal Arts.
2. Engineering Management Degree – had an MSE and MBA joint program; where instead of taking 85 credit hours a student can finish two degrees for 70 credit hours. Hsu noted the school feels there is a market for this degree and plan on pursuing this program with the Business school; Business will develop a series of 1.5 credit hour mini courses that can be taken.

Ed Berbari asked since we already have a MSE and an MS degree, in our school, is it possible to implement it with the existing degree programs; Hsu noted we will do this temporarily, but would eventually like to have a degree program that says Engineering Management, which he feels would attract more students. Rose Hulman runs a program downtown that is similar that attracts a good amount of students each year.

Dean Hsu advised there were a couple of issues that were raised by the Research Associate Deans Council. The first is a new signature center initiative has started; proposals will be due in January.

The second issue is that next year NSF will require everyone who applies, all of the researchers, including post docs and graduate students, be trained and certified in ethical conduct of research. As a result of this, the campus will offer an online exam, everyone should be able to pass; make sure to read a booklet before taking the test. Graduates and Post Docs will be required to take the exam. Campus is required to certify when you submit a proposal saying that all of our personnel are certified. This is a new issue that we need to deal with in the future.

We have a school research committee that is not a Faculty Senate standing committee but an ad hoc committee. The committee had their first meeting last month and had a guest speaker from UITS, the idea is that UITS will support a lot of our research computing in the future. They are looking from our faculty members to work with them and use their facilities. They also discussed the formalization of departmental representation on the committee; now have open enrollment, if interested can become a member. One particular department would not have any representation in the meetings, would like to formalize this to have at least one representative from each department. Hsu wants to make sure the representative circulates information to their department. Hsu will be asking for formal representatives soon.

The Research committee also discussed and recommended that the school implement an indirect cost recovery policy prior to the new dean coming to campus.

One last item, the committee had a discussion with campus about the reciprocal fee that we have with Purdue University and how it is implemented and carried out. We were told by our campus that it is an “unequal treaty”; the committee has asked the campus to renegotiate this. Dean Yurtseven will send a request to campus to have the agreement renegotiated. Currently, under the treaty we have, Purdue pays IUPUI a small fraction of the cost of a course to IUPUI if a Purdue student takes a course with IUPUI; however, Purdue collects full tuition from IUPUI if one of our students takes a course at Purdue.

Budgetary Affairs Committee

Cliff Goodwin presented the Budgetary Affairs report, and advised that Dr. Yurtseven summarized most of the information that was discussed during the meeting. The committee met last Tuesday and met twice so far this semester.

Goodwin noted the Budgetary Affairs is a standing committee of Faculty Senate and is not a policy making committee; Dr. Yurtseven has the committee review information and allows them to give input to him so decisions can be made.

The committee reviewed base and cash budgets for this year and agreed that no cuts were needed to meet campus target for base budget reduction, as it could be met from unallocated base budget. Discussed a range of options for investment options based on the chairs request; chairs were asked to give their ideas to Dr. Yurtseven for budget allocation. Chairs primarily requested salary increases; other priorities include hiring more faculty and staff, and moving more of the associate faculty base.

Campus provided a report on the recent faculty salary equity study.

Computing Resources Committee (CRC)

Connie Justice presented a general report. The committee’s goal is to finish up the student technology fee transition period over the next three years. They have met and discussed how the school will work on a transition plan, approximately \$200,000 that will go from the School of Engineering and Technology from student technology fees back to the university. Trying to figure out how to create transition plan and discussing what kind of resources do we currently have and what is funded currently by the student technology fees? Do we give up lab resources, funding for employees, etc.

Still in process of mapping this out, couple examples from Informatics, and a couple of other departments who have went through their transition plan. Informatics had to deal with approximately \$50,000; they took a lab and turned the lab over to IUTS, because this is approximately what it would cost to run this lab. Looking at our resources, what kind of labs may be open that we could hand over to UITS? Ed Berbari asked if we will we lose ownership of space; Justice advised the committee is identifying labs that could become common labs, have not discussed space issue. Berbari suggested not giving up ownership of labs or any space.

Connie Justice noted faculty should be hearing from their CRC representative, if you do not hear from your representative feel free to email her with thoughts about this. The committee will try to develop a couple plans. This is an important issue; \$200,000 will go back to UITS at the end of three years.

Doug Acheson noted as he understands, if we give up ownership would still have scheduling rights. Justice noted the current model is to give up ownership but still have scheduling rights; Berbari does not

believe the school should give up space, space is extremely small supply. Ken Rennels noted that if we maintain the space, we are responsible for maintaining the space, but we have lost \$200,000. Justice noted we are taxed and taxed on services, double taxed in some ways.

Matlab was discussed. If we give up labs to them, then what if they don't want to supply software that our students need, then we have no labs and no space; UITS may be able to pool pricing of Matlab licensing with other departments on campus. Sarah Koskie questioned if we give up labs, what if they don't want to supply the software? Justice clarified that teaching labs does not affect the research side. Koskie noted that she expects her students to use Matlab, listed in course requirements. Our responsibility as faculty members is to inform UITS that we need the software installed.

Marj Rush Hovde believes we should ask what should UITS be doing, and what should CNC be doing; she believes UITS should be providing general stuff, and CNC should offer more specialized items. Justice noted the committee is close to identifying differences and commonalities between the two areas (CNC and UITS).

Justice noted the committee is discussing what will happen with the student technology fee transfers from our school to UITS and how we will go about this over a three year period.

Berbari noted in the past one reason we did not use UITS is because they refused to support special software. Justice noted this is not the case, UITS will support special software. Elaine Cooney advised UITS is giving us data from other schools where this process has been implemented and evidence that it has been successful. Rennels asked if other schools have the levels and costs of software that we use; Cooney noted there were some powerful examples from Economics and some other schools who use expensive software. Justice advised the committee is trying to identify what software is commonly used, specialized versus non-specialized. CNC could provide the specialized software within the school.

Dean Yurtseven noted it is feasible that they may say can work via UITS only, or will keep CNC; questions on the table right now. Elaine's committee is looking at some other models, technical support. There are people from UITS and from the Campus Center who are looking at some other models that other units have developed.

Dean Yurtseven reiterated that we are paying our taxes to UITS, about \$600,000/year and we are paying space tax also, and paying CNC salaries and software on a monthly basis. If you don't make a special agreement with UITS and give up the space, 2 years down the line may not have choice of using the space; Justice noted maybe through negotiations should discuss this; rent space for one year, may require space back if we need it in a couple of years. Dean Yurtseven noted that systems come and go, administrators come and go, and space crunch is now affecting us because we are growing; have to make sure that our teaching lab needs are met. Student fee is being collected for labs. If student does not have access to software they are required to use, could have issues. Dean Yurtseven noted this is a multidimensional issue.

Would it be feasible that we own the space and we rent to UITS so we in name hold on to the space so that if something happens will benefit us in case down the road we want the space back. Dean Yurtseven advised to look at numbers, what UITS offers, and possibly look UITS renting space back from E&T.

Justice noted there has been a lot of communication regarding the success and support of laptops; from bottom up, students are advising they are having trouble getting support. UITS has advised they will support the laptops. This adds another dimension; full laptop implementation cannot be done without student support. When CILT and ENT go to the laptop program in the fall, as planned, almost 2/3rds of the school will be on the laptop program. Justice advised the laptop program is being addressed with CRC. Justice advised a draft of the plan will be distributed soon. Ken Rennels reminded CRC to make sure they get a signed agreement and a name of person on the document from UITS. Brad Wheeler should sign the agreement, per Dean Yurtseven.

Constitution and Bylaws Committee

Sarah Koskie advised the Constitution and Bylaws Committee recommended changing of bylaws regarding the President Elect position.

Koskie advised the committee voted unanimously to not change the constitution, feel any change that is made will come up with another situation to make other changes, unintended consequences with the change. Committee felt it was best to leave the bylaws as is.

Koskie displayed the information for Faculty Senate to read and discuss.

Recommended option: 1. No change to IV.D.2.a.ii.a) required: Interim President (IP) chooses Interim President Elect (IPE); Interim President Elect (IPE) becomes Interim President (IP) and new President Elect (PE) is elected in the next regular election.

Alternative: 2. If the PE becomes IP before the end of the calendar year the election, of the PE only, is moved forward to occur within 30 days of the change; the newly elected PE serves the remainder of the term of office as PE and becomes president the following term. If the PE becomes IP after end of calendar year, current PE becomes IP serving remainder of term, plus own term as in IV.D.2.a.ii.a) of the current document.

The recommended option leaving the bylaws as they currently read, may result in a presidential term of up to two years. The alternative would result in a presidential term of anywhere from 6 months to 18 months.

Elaine Cooney brought up her appointment from last year; she was stepping up to serve as President from President Elect, had her appointment happened in April instead of July could have been problems; if there is no President, can select a president elect; bylaws do not state President Elect can appoint someone; Cooney feels bylaws are not clear.

Koskie advised if sending back for review the committee can re-address issue. Ed Berbari noted when special cases arise, just deal with the special case; whatever organizational element you are in and then creates unexpected consequences; sense is that we have a succession plan. Rennels noted this has happened two years in a row; this is not a rare event; has happened a few times.

Rennels was waiting for action from the Bylaws committee. Rennels will be looking at recruiting President Elect positions. There are some advantages to having a policy. Ken would serve as interim president this year and president next year; would still need an election for President-Elect next year.

Rennels will pick an interim president elect and later would formally elect the person Ken selects (or another person).

Set succession, when it goes to speaker of the house; add to constitution, that chair of some committee becomes president if necessary; Karen Alfrey noted some of the chairs do not meet the criteria to be president of Faculty Senate.

Faculty Senate unanimously approved Recommended Option 1 – to leave the bylaws as is, no change required, see Option 1 below.

Recommended option: 1. No change to IV.D.2.a.ii.a) required: Interim President (IP) chooses Interim President Elect (IPE); Interim President Elect (IPE) becomes Interim President (IP) and new President Elect (PE) is elected in the next regular election.

Graduate Education Committee - No report

Grievance Board – No Report

Faculty Affairs Committee

Marj Rush-Hovde advised she had a couple of items. Faculty Senate members were sent the *School of Engineering and Technology, IUPUI DRAFT Salary Guidelines Faculty*. Central Administration asked each school to have a salary policy. The Chairs and Faculty Affairs made some changes. This document was presented last year...at that point was a question of one suggestion, Faculty Affairs decided not to make the suggested change. The item in question is regarding advising...administrative supplement, should student advising be considered part of administration; Faculty Affairs believes this should not be part of administration.

Rush-Hovde advised the document is for a first reading and displayed the salary guidelines for Faculty Senate. Rush-Hovde asked Faculty Senate members to take the document to their departments and discuss; Faculty Senate will vote on the guidelines in November. The document can also be found at: G:\COMMON_Senate documents\October 2009 documents.

Ken Rennels noted these are a general set of guidelines, questioned if Budgetary Affairs should review the document. Hovde-Rush advised the document does not get into numbers, more about workload acknowledgement than monetary information. Cliff Goodwin will present the document to Budgetary Affairs also. Rennels reminded everyone that once the guidelines are passed the document will be sent to campus.

There have been requests to define the course coordinator position better, asked the chairs to work on this since it is more administrative and then Faculty Affairs will look at it. Faculty Affairs requested the chairs give their input. Rennels noted CDD thought it was a good idea that Faculty Affairs do this. Guidelines could include no course release time for course coordinating; could be full time faculty member, tenure track or non tenure track; and there should be a typical set of responsibilities for course coordinator. Also suggested this should be added to the faculty annual report, for documentation of faculty working as course coordinator.

Rush-Hovde also noted she spoke with Faculty Senate about peer review of teaching and course evaluations. Suggestion was made to have someone from the Center for Teaching and Learning will come to the November meeting to make sure faculty are on the right track; hope to have something for next year to vote on.

Rush-Hovde advised the major work Faculty Affairs committee wants to do is revise the promotion and tenure document. There are three reasons the document needs revised:

- Clarify how clinical faculty are evaluated and their responsibilities
- Addition of MAT, different sets of expectations that need to be in P&T document
- In new workload document, divided faculty into Research intensive and Teaching intensive faculty; current P&T document is divided into Engineering faculty and Technology faculty; does not work in coordination with workload document or MAT.

For these reasons the P&T document needs to be revised, last revised in 2004. Hovde-Rush advised while reading through the document not sure what some sentences are talking about, needs clarity; if you notice anything that is not clear or needs changed let Marj or committee members know. It is very important that the committee have representatives from all departments to work on this document.

Faculty Affairs department representatives are: Cliff Goodwin, Yaobin Chen, David Peters, Hiroki Yokota, Brian Kinsey, Hazim El-Mounayri, Patrick Gee, and Marj Hovde-Rush. Hoping to get revised and voted on by the end of the year. The committee will look at the P&T campus guidelines also.

Steve Rovnyak noted a deficiency in the current P&T Guidelines; he had one year of credit for tenure but could not figure out from the guidelines how to write this in his dossier. Ed Berbari advised information used to be on the cover page regarding how to list items inside the dossier. Hovde-Rush will look at information in the old document regarding this issue.

Hovde-Rush reminded everyone to take the Salary Policy Guidelines back to your department for discussion; advised Salary Policy Guidelines will be voted on in November.

Nominations

Ken Rennels reported for Rob Wolter from the Nominations Committee. There was a special election for the IUPUI representative to Purdue Faculty Senate. Mark Bannatyne was elected to be the representative. Rennels noted that only 5 of 8 departments or groups sent information for election.

Resource Policy Committee – No Report

Student Affairs Committee – No Report

Undergraduate Education Committee

Karen Alfrey distributed a report and there are two items on the agenda. The first action item is a CIT proposal to replace five existing options for the B.S. degree in CIT with a single plan of study with five concentration areas determined by elective courses. The proposed change does not alter the content or credit hours associated with the degree, but will streamline administration of the CIT degree. The CIT Concentration Areas would be: IT Development, Web Development, Data Management, Network

Systems, and Information Security. The Undergraduate Education Committee voted unanimously to recommend these changes for approval by Faculty Senate.

Faculty Senate unanimously approved the new CIT Concentration Areas: IT Development, Web Development, Data Management, Network Systems, Information Security

Alfrey advised there have been ongoing discussions with admissions regarding admission requirements for our school; ongoing this year will be discussion regarding changes to our admission requirements, university as a whole is bringing in more well prepared students. Today's agenda item is to clarify the admission standards currently being used for direct and dual admission to the technology program. It came to light over the summer that admissions standards that admissions was using for the School of Engineering and Technology did not match the standards that were voted on by this body in 2002. A couple of reasons for the changes, one was an inconsistency in how some of the requirements were being reported including on the schools own web page; another change was an issue by admissions, a requirement for a rank in top 50% of high school class; however, a number of schools are no longer reporting class rank. To allow students to be eligible without class rank admissions felt 3.0 GPA would be equivalent. Another issue raised by admissions is that the requirements as written included 16 units of math course work, for those students in core 40, with a grade of C or above in all mathematics courses. Issue was that the high school transcripts when entered into the system include a notation for total number of D and F grades, but not stating which courses those grades occur. This requirement for specific grades in math courses was putting an additional burden on admissions to hand check transcripts. They provided some data to say that the number of students being admitted was not so different in including that grade versus just having the 3.0 GPA requirements they have been using.

After discussion in the committee, and receiving feedback particularly from the technology faculty advising that many do not focus particularly on this requirement or grade discrepancy on mathematics courses. Proposed clarification for students applying now for entrance into our technology programs is as follows.

1. Replaced 50% of high school graduating class requirement with, have a 3.0 GPA or higher
2. Retain the "or" between GPA and SAT requirements; many technology programs do not care if student has good math GPA if they have a good overall GPA
3. Eliminate requirement for math specific grades

Undergraduate Education Committee proposes the following criteria to be applied to current applicants seeking direct admission to TECH programs in Fall 2010:

Students will be dually admitted to UCOLL and TECH if one of the following two criteria are met:

- 1) **Complete Academic Honors Diploma, OR**
- 2) **Complete Core 40, or equivalent, with**
 - **High School GPA of 3.0 or higher, OR**
 - **Minimum SAT scores of 500 math and 450 verbal/critical reading, or equivalent ACT math/verbal scores**

Undergraduate Education committee voted unanimously to recommend clarification of these changes to faculty. Technology honors diploma was not discussed, but will need to discuss and consider in the

future. Alfrey advised this topic is an ongoing discussion in the committee. Admissions is waiting to receive clarification from our school before admitting fall 2010 applicants.

Faculty Senate unanimously approved the above Technology direct admission standards as proposed by the Undergraduate Education Committee.

The Undergraduate Education Committee report can also be found at: G:\COMMON_Senate documents\October 2009 documents.

IUPUI Faculty Council

Cliff Goodwin advised the IUPUI Faculty Council met on October 6th.

Election of nominees for Promotion and Tenure committee; Ed Berbari was elected.

Chancellor Bantz reported on the following items:

- Construction on a new parking garage will begin in November, and be completed August 2010; the garage will hold 1,300 cars and the design will allow for an additional garage to be attached in the future. The garage will be on the corner of Blackford and Michigan.
- Construction on the Multicultural Center in Taylor Hall begins in December 2009.
- Dean searches include the School of Library and Information Science, School of Engineering and Technology, and the School of Dentistry.
- Discussed the largest land swap in IUPUI history, Wishard wants to build a new hospital and they will be giving IUPUI 17 buildings that they currently occupy; IUPUI will be giving up the LaRue Carter building, Board of Health Building, Union Building (in a phased timeframe), Psychiatric Research building and the Campus Facilities building. In exchange we will receive 17 buildings from Wishard, including Lockfield Village.
- Beginning October 24, there will be a referendum to approve or disapprove this land swap. Charles Bantz lobbied for everyone to vote; Wishard has no other alternative, needs to build and grow. The current buildings cost about \$25M per year; this money could be used for new buildings.
- President's State of University address is proposed for February 27.

E. Jane Luzar, Dean of IUPUI Honors College, gave a report and presentation. She introduced the Honors College and impact on campus and students.

Presentation by Sarah Baker on reaccreditation visit of 2012 by NCA and how the PULs will play an important part in the assessment. Karen Alfrey is chair of our Assessment Committee and she will work with departments on getting their PUL's into the matrix that campus has set up in order to highlight how the PUL's are being taught in the curriculum in each program. Goodwin advised he is personally involved

in PUL integration from this campus, if any comments or concerns, he may be able to help and guide you.

G. Marie Swanson, Chair for Department of Public Health, gave an overview regarding a proposal for a new School of Public Health in 2011; biggest impact will be on SPEA.

Ed Berbari noted the Chancellors 5/7 year review has been completed and will be reviewed.

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

IUPUI Graduate Affairs Committee

Andrew Hsu advised the committee has met once. IUPUI Graduate Affairs committee voted to extend the requirement for graduate students to require international students to take English tests and will assign certain courses if there are deficiencies.

Purdue Intercampus Faculty – No Report

Purdue Technology Senate – No Report

Purdue Faculty Senate – No Report

Purdue Graduate Council

Andrew Hsu advised the committee has met once. There was discussion and a presentation on the future direction of Purdue University. On the West Lafayette campus there are currently about 7,000 graduate students. The plan is to expand to 10,000 graduate students, and at the same time try to limit the number of undergraduate students. This may give IUPUI an opportunity to get more undergraduate students. Other related issue, if they are going to increase total number by 40%+ they will be short of staff, that is why they want individual campuses to handle their own admissions, etc.

Assessment Committee – No Report

New Business – No Report

Update on Dean Search and Screen

Elaine Cooney advised the committee is looking at the time frame we have to hire a new dean. There have not been many applications received, and have not been the caliber the committee is hoping for. The committee decided to hire a consultant firm to help with the process. The consultant firm will be a good value in trying to get a new dean. Cooney noted we will probably push back the acceptance date to receive applications; if you know of anyone interested in applying please encourage them to do so. The committee may change the due date to sometime after November.

Meeting ended at 12:35 p.m. The next Faculty Senate meeting will be Tuesday, November 10, 2009, 11:00 a.m. in SL 165.

Dean's Report for October 13, 2009 Faculty Senate Meeting

Academic Programs

- Energy Engineering-BS program proposal is now at Purdue University Board of Trustees. It will go to Indiana Commission for Higher Education after the Board approval.
- We are in the process of establishing 2+2 programs in biomedical, electrical, and mechanical engineering programs with Sun Yat-Sen University (SYSU) in China. SYSU will be the third Strategic Partner for IUPUI after Moi University in Kenya and UAEH in Mexico.
- Business Continuity Plan for the campus is being developed using the \$450K grant that IUPUI received from the federal government. The School task force is co-chaired by Connie Justice and Bill Lin. Each department and the Dean's Office will develop separate plans and they will be integrated into the school plan.

Grants and Contracts

- Tom Iseley (ENT): Sprayrog, New Service Award, "New Product Review", 7/23/09-10/23/09, ICR: \$849, Total: \$3,500.
- Tom Iseley (ENT): Advance Drainage, New Service Award, "New Product Review", 08/24/09-11/24/09, ICR: \$849, Total: \$3,500.
- Tom Iseley (ENT): Haviland Drainage, New Service Award, "New Product Review", 07/01/09-12/31/09, ICR: \$849, Total: \$3,500.
- Charles Turner (BME): Oregon Health Scientific, Non-competing Award, "The Function of Neurotransmitters in Bone Biology", 09/01/09-08/31/10, ICR: \$35,643, Total: \$104,853.
- Dong Xie (BME): New Research Award, NIH, "High Performance Biocompatible Cement System with Permanent Anti-bacterial Function", 09/17/09-08/31/10, ICR: \$124,440, Total: \$398,384.
- John Lee (ECE): NSF, Supplement Award, "Development of Parallel Reduced Run-Time Complexity Hardware", 09/01/09-08/31/10, ICR: \$1,285, Total: \$20,875
- Hazim El-Mounayri (ME): CAE-NET, New Research Award, "Automatic Mesh Generation for Online Visualization", 09/01/09-08/31/10, ICR: \$4,734, Total: \$13,500.
- Razi Nalim (ME): Rolls Royce, Supplemental Award, "Wave Rotor Combustion Rig Design and Analysis", 07/01/09-10/31/09, ICR: \$5,046, Total: \$20,108.
- Razi Nalim (ME): Rolls Royce, New research Award, "Methods Development for Wave Rotor Combustion Design", 01/01/09-12/31/09, ICR: \$20,863, Total: \$94,028.
- Andrew Hsu (ME): Crane, New Research Award, "Lithium-Ion Battery Safety", 09/28/09-09/27/10, ICR: \$182,144, Total: \$1,456,000.
- Rongrong Chen (ENT): US Army, New Research Award, "Micro-power sources for Sensors Applications", 08/23/09-08/22/11, ICR: \$49,091, Total: \$150,000.
- Charles Feldhaus (CILT): Washington Township, Continuing/competing Service Award, "University students mentoring elementary students in STEM", 08/01/09-07/31/10, ICR: \$2,948, Total: \$110,936.

Faculty News

- Hiroki Yokota (BME) and Ping Zhang (Medicine) submitted patent application for "New Drug for Bone Growth for Treatment of Osteoporosis and Bone Fracture Healing-08142" to IU Office of Technology Transfer.
- Joy Starks (CILT) received 2009 Indiana Association for Career and Technical Education (ACTE) Citation Award for having contributed significantly to the growth and development of career and technical education in Indiana.

Attachment 1 – Administrative Report from Dr. Yurtseven

- Stephen Hundley (CILT) has the second edition of his book Workforce Engagement: Strategies to Attract, Motivate and Retain Talent published by WorldatWork.
- Debra Burns (MAT) and her colleagues received an excellent coverage on MS Program in Music Therapy in Indianapolis Star,

Events

- Energy Security as National and Economic Security Forum was organized by the Lugar Center for Renewable Energy. Senator Lugar and former senator John Warner were the keynote speakers.
- EDDP Affinity Reunion took place on October 3 at Butler University during the day and there were 9 alumni members attending.
- ET Career Connection was a great success on Thursday, October 8. More than 600 students attended with 44 companies participating in the event at Campus Center.

ANGEL Funds

- We still have not been able to resolve the issue of how to share the funds from the proceeds of the sale of ANGEL software with IU RTC and the university. We invited the President of IU RTC, Tony Armstrong, to make our case. There has not been any follow up on the part of IU RTC.

Budget

- IU will return \$300 to every resident student who enroll full time (12 credit hours or more) and achieve a grade point average of 3.00 this academic year. Cost to our School will be about \$150K.
- New student tuition fees and the Program Fee provided additional base funds (around \$1M) for the school. These funds will be used to upgrade teaching laboratories, increase technical and computing support for both teaching and research, and for future faculty and staff salary raises. School will seek advice from the Budgetary Affairs Committee of the Faculty Senate, Department Chairs, Staff Council, and deans/directors on how to prioritize the use of additional base and cash funds.
- State appropriation to IU was cut by 4.2% and backfilled with federal stimulus funds for 2009-10 and 2010-11. These federal funds will not be available for 2011-12 and beyond. Thus, each academic unit needs to reduce its base funds by 4.2% for 2009-10. Our School's share is \$396K.
- State is 8% short of projected tax revenues and this may result in additional State appropriation cuts for IU.
- It appears that the IUPUI Laboratory Building may be delayed and become one of the IU capital project requests to the State for 2011-13 biennium.