`PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY, IUPUI
Faculty Senate Meeting Minutes
FS-02-6
April 8, 2003

Approved May 13, 2003

Representatives in attendance: Doug Acheson (alternate), Elaine Cooney, Daphene Cyr, Sally Frettinger-Devor, Mohamed El-Sharkawy, Brian Kinsey, Keith Kovach, Ramana Pidaparti, Ken Reid, Maher Rizkalla, Joy Starks, and Charlie Yokomoto.

Guests: Hasan Akay, Ed Berbari, Nasser Paydar and Dean Yurtseven.

Senate President, Mohamed El-Sharkawy, called the meeting to order at 11:05 a.m.

The agenda was adopted after adding the Graduate Committee report under "Other Business". The minutes for the March 11, 2003 meeting were approved.

Administration Report
Dean Yurtseven presented the Administration Report (*Attachment I*). He reported that our School plans to submit five proposals for the $3.2M campus base funds for the 2003-04 academic year generated from the $800/year fee to new students at IUPUI.

Several faculty members recently received awards. Details are included in *Attachment I*.

Dean Yurtseven reported the following preliminary numbers for fall 2003 registration:

- Freshman Engineering is up 67%
- ECE is up 30%
- ME is up 30%
- MET is up 39% (the Dean added that most of the growth is attributed to CGT)
- TCM is up 26%
- CPT is down 10%
- CNT is up 10.2%
- ECET is down 13%
- OLS is up 13%

The School, on the whole, is up 8.2%.

Dean Yurtseven reported that the state senate was voting on April 8, 2003 and would likely accept the Governor's plan. As a result, the state legislature may finish early. IU will prepare the budget and the School should receive budget numbers in early May. The process may not be definite until mid-May. Letters may be sent to faculty and staff from mid-May to early June.

Reports from Standing Committees

<u>Resources Policy Committee</u>
Akin Ecer, committee chair, was unable to attend the senate meeting and submitted the following report via email for faculty senate discussion:

> This year the resources committee reviewed faculty development proposals in four categories as a single group: teaching, research, assessments and distance learning. A difficult point in the review process was to decide whether the benefit of the project to the development of the particular faculty should be the primary factor in the selection process. Some of the assessment and distance learning proposals were rated high in terms of benefit to the department and school but rated low when faculty development was considered.
> A solution would be to review and fund these proposals in two groups:
>
> **Group A**: Faculty Development Proposals including all four categories again in one group (??). The rating would be based on faculty development. It is expected that faculty can propose scholarly activities in all four categories.
>
> **Group B**: School Development Proposals in again all four categories in one group (??). The rating is based on the benefit to the school or department.
>
> Some of the questions are:
> - Would a proposal be ranked higher if it satisfied Group A and Group B?
> - How many would you have of each group? Equal? Or depends on the situation?
> - Should there be any priority given to non-tenured faculty, assistant and associate professors?

The committee is looking for guidance on how to make the decisions. They would like recommendations before the call for proposals is sent in November. Dean Yurtseven stated that we normally have around $40K for these proposals, however there was a little less than that this year. He questioned whether or not this was a good use for these cash funds. Since new faculty members receive start up packages, there may be a better use for these funds. Charlie Yokomoto proposed that if the proposals generate outside funds, then maybe they should receive the additional money. Elaine Cooney stated that some of the proposals might not need to go up for outside funding.

Mohamed El-Sharkawy asked that the request for proposals be sent earlier. He suggested sending the request in October. Mohamed asked that additional comments on the resource policy committee report be sent to the committee.

<u>Nomination Committee</u>
Doug Acheson, committee chair, informed the senate that he would email nomination information to all faculty. He would like to have the votes by Friday, May 2. The senate selects the committee chairs and the voting for chairs will take place during the May 13 faculty senate meeting.

<u>Budgetary Affairs Committee</u>
Hasan Akay, committee chair, did not have a report from the School side, however he gave a report from the IUPUI committee. The committee discussed plans for a possible 25% reduction

to state universities over the next six years. External funding is a possible solution. It was noted that the Bloomington campus receives 30% of its' fees from non-resident students, therefore a loss of state funds may not be as devastating as it would be for the IUPUI campus. They discussed possibly changing our demographics on the IUPUI campus.

Graduate Education Committee
Maher Rizkalla reported on behalf of committee chair Andrew Hsu. Rizkalla, presented for senate approval, eleven new graduate course proposals for the Department of Electrical and Computer Engineering. He stated that three of the courses were taught for many years, three would be taught in the next year or two, and the remainder would be taught in the future. Rizkalla added that this was the same format they used to approve seven new courses last semester. It was noted that these courses are the same courses taught at Purdue West Lafayette. They have the same descriptions and prerequisites.

It was also noted that the committee would need to include the course prerequisites on the cover pages. The prerequisites were included on the syllabus, but not the cover pages. The committee will also need to change the effective dates to fall 2003.

The senate voted and approved the new course requests with the appropriate date change and addition of prerequisites to the cover pages.

Reports of Representatives

IUPUI Faculty Council
Representatives to the IUPUI Faculty Council are Hasan Akay, Ed Berbari, Cliff Goodwin and Dave Williamson.

Ed Berbari reported that faculty council discussed the fact that faculty access to student evaluations is not consistent from school to school on campus. According to the Academic Handbook, evaluation forms are part of the faculty records. A new policy clarifying this point was developed. The faculty council voted and approved the policy.

A tribute to Chancellor Bepko is scheduled for April 23. It will take place by the fountain outside of the University Library. If you are interested in attending, you need to RSVP to the email invitation.

The faculty council discussed the conflict of commitment statement. Many faculty attended the Big Ten conference where it was discussed.

The dates for the faculty council meetings may be changed. The food service issue is still not resolved. During his welcome reception, Charles Bantz stated that the first thing he wants to do at IUPUI is to get to know the people. A letter was sent regarding the principles about war issues. The letter referred to appropriate discussion in the classroom around war issues.

Hasan Akay added that the faculty council will hold the elections for the Executive and Nomination Committees during the May meeting. They will select four of the eight candidates listed on the Executive Committee ballot and three of the six candidates listed on the Nomination

Committee ballot. Our School is well represented as Charlie Yokomoto is one of the candidates on the ballot for the Executive Committee and Ken Rennels is one of the candidates on the ballot for the Nomination Committee.

The complete faculty minutes and audio recordings are available on the faculty council website at http://www.iupui.edu/~fcouncil/minutes/minutes.html

With no other business or announcements, the meeting adjourned at 12:10 pm.

Attachment I

Dean's Report for April 8, 2003 Faculty Senate Meeting

Budget Proposals to Enhance Undergraduate Learning

The new dedicated tuition funds will provide $3.2M of base funds for the campus for 2003-04 academic year. Our School plans to submit five proposals to compete for these funds. The current proposals and the lead faculty/staff members for them are:

1. Improving Teaching, Learning and Retention: Yokomoto, Fernandez, Lamm
2. Certificate in Consulting and Project Management in Technology: Hundley, Smith, Sullivan
3. Multidisciplinary Undergraduate Research Institute: Akay, Eberhart
4. Enhancing the Undergraduate Experience Through a Practice Center: Rennels
5. Establishing a New Department of Biomedical Engineering with a New Bachelor of Science Degree in Biomedical Engineering: Berbari

Ken Rennels is working with University College, Schools of Social Work, Nursing, and Education, and IUPUI Career Center to make his (#4) a campus proposal. Another proposal is in the works in collaboration with the Schools of Science and Law on developing a homeland security degree program. Our lead contacts are Brian King and Greg Smith.

Faculty and Staff News

Bill Conrad received a three-year $26,035 funding from IEEE Foundation for his project, "Introducing Robotics to K12."

Andrew Hsu received Summer Faculty Grant of $7,000 from the Purdue Research Foundation for his research project, "A Lattice-Boltzmann Method for Multiscale/Multiphysics Computations."

Siva Krishnan received $10,000 New Faculty Development Award from IUPUI for his project, " Flame Shapes of High Oxygen Flames under Normal and Low Gravity Conditions."

Eugenia Fernandez received $6,800 Summer research Fellowship from IUPUI for her project, "Creation of Online teaching Strategies Inventory."

Michael Knieser received $2,000 Proposal Development Grant Writing Fellowship award from IUPUI for his project, "Micro Electro Mechanical Systems Research/Teaching Laboratory."

Razi Nalim received $13,263 Research Grant from Purdue Research Foundation for his project, "Detailed Design and Analysis of Wave Rotor Combustor Experiment."

The 2002-03 School Faculty Development Awards went to following faculty members:

Sally Frettinger-Devor, $5,000 Instructional Development Grant, "Development of New Course Material for Six Sigma Black Belt Incorporation into Quality Certificate Program."

Chul Kim, $5,000 Research Initiative Grant, "Mobile Testing Lab for Classroom Assessment."

Armando Pellerano, $5,000 Assessment Grant, "Assessment Data Base."

Michael Knieser, $5,000 Distance Learning Grant, **"VHDL Web Based Class."**

Pat Fox received the 2003 ASEE Berger award. This national award recognizes the long and distinguished service of engineering technology faculty and administrator. She will be recognized at the ASEE Annual Conference in Nashville, TN.

Team of four MET students won first prize in the student design poster competition at the Illinois/Indiana Section meeting of ASEE with their report on their Basic Utility Vehicle (BUV) design. Doug Acheson' s paper on BUV was selected as the "Outstanding Conference Paper."

30th Anniversary Books

As part of celebrating School's 30th Anniversary, Paula Jenkins, Allison Lewis, and Ellen Crowe from IU Foundation, put together a book highlighting the last three decades of the School. Some of these books were distributed to our faculty and staff members at the informal ice cream social on Friday, April 4, 2003. Please contact Paula Jenkins or Allison Lewis to receive your own copy of the book.