

Minutes
April 10, 2001
FS00-7
FACULTY SENATE MEETING
PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY, IUPUI

Approved May 8, 2001

Representatives in attendance: Jie Chen, Barbara Christe, Mohamed El-Sharkawy, Sanjiv Gokhale, Ali Jafari, Keith Kovach, Laura Lucas, Razi Nalim, Ramana Pidaparti, Ken Reid, Andy Schaffer, Joy Starks, Charlie Yokomoto.

Guests: Hasan Akay, David Bostwick, Marvin Needler, Harriet Wilkins and Oner Yurtseven.

Senate President, Sanjiv Gokhale, called the meeting to order at 11:08 a.m.

The agenda was adopted and the minutes of the March 6, 2001 senate meeting were approved with the following clarification. The IUPUI Psychology Department with autonomy from Purdue awards one particular Ph.D. in Clinical Rehabilitation, this degree counts toward IUPUI's Research One status; all other Science and Engineering Ph.D. degrees are part of the West Lafayette's count.

Dean Yurtseven presented the Administration Report, *Attachment I*. A copy of the budget planning presentation is included (see Attachments). Comments were made regarding retention and satisfaction with advising as noted on the retention and graduation rates slide. Each year, the Office of Information Management and Institutional Research releases the results of the Continuing Student Satisfaction and Priorities Survey. One of the questions on the survey deals with student satisfaction with advising; survey results are sent to department chairs. One issue the school needs to decide is whether Learning Community Courses should be required, and if so, should these courses count toward graduation credit. The Educational Policy Committee has discussed this issue but no decision has been made. Dean Yurtseven hopes to receive an answer in mid-May regarding space allocation in the ET Basement. The CNT, EET, MET, and OLS faculty offices will be refurbished this summer. Please forward pertinent information regarding faculty activities, publications, awards, etc., to Dean Yurtseven so they may be included in the Dean's Report and other university publications.

Report of Standing Committees

Educational Policy Committee

David Bostwick, chair, presented for senate approval six new course requests.

BMET 220 Applied Human Biology for BMET (3 credits)

CET 204 Land Survey Systems (3 credits)
CET 307 Property Surveying (3 credits)
CNT 110 Construction Accounting (3 credits)
ME 466 CAD/CAM Theory and Application (3 credits)
ME 458 Composite Materials (3 credits)

BMET 220 is a new course designed for BMET students.
CET 204 and CET 307 are new courses designed to meet state registration requirements.
CNT 110 is an accounting type course for CNT students.
ME 446 and ME 458 were previously taught under experimental numbers.

The senate approved the new course requests.

Course change requests were submitted for the following:

ART 117 Construction Drafting and CAD (3 credits)
ART 120 Architectural Presentation (3 credits)

The above courses reflect a change in lab contact hours.

CET 104 Surveying Fundamentals and Topography (3 credits)
CET 210 Surveying Computations (3 credits)
CET 308 GPS and Geodesy for Surveyors (3 credits)
CET 312 Construction and Route Surveying (3 credits)
CET 430 Soils and Foundations (3 credits)
CNT 347 Construction Contract Administration and Specifications (3 credits)
CNT 452 Construction Safety and Inspection (3 credits)

Five of above courses have a title change and some of the course content was broadened and modernized.

EET 103 Topics in Electrical Technology (1 to 4 credits)
This course has been taught at West Lafayette and will be offered for the first time on the IUPUI campus this fall.

ME 450 Introduction to Computer-Aided Engineering (3 credits)

The course description was modified and modernized.

The senate approved the course change requests.

Graduate Education Committee

Hasan Akay, Chair, provided additional information on the TECH 581, Pedagogical Techniques in Web Technology course, approved at the March meeting. This six week, course is being offered for high school teachers. One week of class will be delivered on campus with the remaining work to be completed thru distance education tools. TECH 581 is a variable title, variable credit course. A question was raised on whether TECH 581 type courses need senate approval or should they be presented as information only,

no decision was made. Also, should experimental courses be presented to the senate for information only? A suggestion was made to have the Educational Policy Committee discuss these issues and make a recommendation to the senate.

Reports of Representatives

IUPUI Faculty Council

Charlie Yokomoto gave an oral report on the April 5, 2001 Faculty Council Meeting. As a follow up, Marvin Needler submitted the following written report.

Chancellor Bepko presented a draft of “A Vision for Diversity at IUPUI” document. This document will be discussed at the May 3, 2001, Faculty Council meeting. Judith Palmer, IU Vice-President and Chief Financial Officer presented for information and discussion the “Plan for Financing 18-20” and the “Arthur Anderson Report on the Review of Non-Academic Administrative Services”, (<http://www.indiana.edu/resources/admreview/index.html>). Mark Brenner, IUPUI Vice-Chancellor for Research and Graduate Studies, presented for information and discussion the request for Faculty Council Endorsement of “Education Requirement on Research on Human Subjects”. Information on Human Subject Research may be found at the <http://www.research.indiana.edu/humans.html> website. The vote on endorsement will take place at the May 3, 2001 meeting. IUPUI Faculty Council President, Paul Galanti, reported that the University Faculty voted to approve two levels of lecturer appointments (Senior Lecturer and Lecturer). Paul also reported that post-tenure review is tied to a campus, not a discipline. Vania Goodwin, Nominating Committee Chair, presented the slate of nominees for election to the Executive and Nominating Committees. The election will be held at the May meeting. Bill Conrad will continue to serve on the Nominating Committee until June 2002. Vania announced the election results for the IUPUI Faculty Council At-Large Representatives. Charlie Yokomoto will be completing the second year of his term. Paul Galanti announced the election results for the University Faculty Council Representatives. Ken Rennels, Academic Affairs Chair, presented for council approval “Policy on Accommodation of Religious Observances”, see the <http://www.indiana.edu/~deanfac/relobs.html> website for details. The Indiana University Office of Academic Affairs & Dean of Faculties website <http://www.indiana.edu/~deanfac/holidays.html> lists major religious holidays. Ken Rennels presented for information the “Defining the Undergraduate Unit of Academic Credit”. This document was to be voted on at the May 3 meeting but was withdrawn. Kathy Johnson, Student Affairs Committee Chair, presented for information and discussion a “Recommendation to Ban the Sale of Cigarettes on Campus”. The council will vote on this recommendation at the May meeting. Miriam Langsam, Faculty Handbook Chair, updated the council on the status of next version of the Faculty Handbook. The IU Board of Trustees met on April 5, 2001 and discussed the housing issue at IUPUI, and establishment of a Post-Tenure Review Policy for campuses that do not have a policy. Many Faculty Council members joined the Trustees for dinner after the council meeting.

Other Business and Announcements

Harriet Wilkins reminded the senate that according to the Constitution the senate shall reapportion itself annually (Constitution, Section V., C). The ratio of senators to faculty members needs to be set; the pattern has been one senator for every four-faculty members per department. Andy Schaffer made the motion to adopt the one to four senator to faculty ratio; the senate voted to approve.

Sanjiv Gokhale reported that he had received a response from Chancellor Bepko regarding the February 13, 2001 senate resolution dealing with public advertising for IUPUI (van) reference document FS00-5-2. *Attachment II* (FS00-5-2 response) is a copy of Chancellor Bepko's response.

Hasan Akay encouraged the faculty to read the "Arthur Anderson Report on the Review of Non-Academic Administrative Services", (<http://www.indiana.edu/resources/admreview/index.html>).

The meeting adjourned at 12:28 p.m.

Attachment I

Dean's Report for April 10, 2001 Faculty Senate Meeting

Honors Convocation

Our 27th Honors Convocation on March 28, 2001 took place at Ritz Charles on the north side. Over 350 guests, our students, faculty, staff, alumni, and friends of the school attended. We distributed \$110,775 worth of scholarships to our 138 students and \$14,500 worth of recognition awards to the following faculty and staff members:

Sally Manion – The Lucille Payton Outstanding Staff Award
David Bostwick – The Doris Merritt Outstanding Leadership Award
John H. Hays – Distinguished Alumnus/Alumna Award
Sanjiv Gokhale – The Frank E. Burley Distinguished Professor Award
Zina Ben Miled and Maurice Bluestein – The Abraham M. Max Distinguished Professor Award
Jack Zecher – The Outstanding Teacher Award
Robert Orr – The Wisner-Stoelk Outstanding Faculty Award
Sanjiv Gokhale, Ken Reid, and Andy Schaffer – Trustees Teaching Awards

Congratulations to these faculty and staff members who were chosen by their peers for this recognition. Each award winner received \$1,000 check with the exception of Trustees Teaching Award winners. They received \$2,500 each from IUPUI.

Faculty Development Awards

The 2001 faculty development awards, as selected by the Resources Policy Committee and the Assessment Committee of the school, went to the following faculty members:

Joseph Defazio – Instructional Initiative Award for “Using Multimedia to Teach Multimedia; A Novel Approach”
Maher Rizkalla and Charles Yokomoto – Instructional Initiative Award for “Enhancing Learning by Promoting Deep Learning and Critical Thinking”
Eugenia Fernandez and Ed Sullivan – Distributed Learning Award for “Supporting and Increasing Collaboration in Web-based Courses”
Joy Starks – Distributed Learning Award for “Creating Courseware for Distributed delivery of a Class in Java Programming”
Marj Hovde – Assessment Award for “To Expand and Develop Technical Communication Program Assessment Practices in the Purdue School of Engineering and Technology”
Jack Zecher – Assessment Award for “Development of an Outcomes Assessment Instrument for the Mechanical Engineering Technology Baccalaureate Degree Program”

Each award carries \$5,000 of funds to be used during the summer of 2001 and the academic year 2001-02.

Purdue University Travel Grants

The following faculty received international travel grants from Purdue University:

Hiroki Yokota – \$1,001 to participate in International Workshop on Radiation Damage, Repair, Mutagenesis, and Visualization meeting in Tokyo, Japan

Maurice Bluestein - \$1,002 to participate in International Society of Biometeorology Commission on Universal Thermal Climate Index meeting in Freiberg, Germany

Ramana Pidaparti - \$1,012 to participate in International Conference on Materials for Advanced Technologies in Singapore

Stephen Hundley - \$1,054 to participate in 18th International Conference on Case Method Teaching and Distance Learning in Lund, Sweden

Pat Fox - \$1,023 to participate in 13th International Conference on Assessing Quality in Higher Education in Glasgow, Scotland

Undergraduate Student Research

Mechanical Engineering senior, Christopher Sowers, received first place award in the paper competition at the Second Annual IUPUI Undergraduate Research Symposium. His paper was “Pitting Corrosion in Aircraft Materials: Classification and Distribution” and the monetary award of \$300 came with the recognition. Electrical and computer engineering student, Dominic Reitman, received special mention for his research paper.

Budget Planning for 2001-02

Our school presentation for 2001-02 budget planning took place on March 8, 2001. A copy of the PowerPoint presentation is attached.

Purdue University Strategic Planning

The first joint meeting of the strategic planning task force for the two Purdue Schools at IUPUI took place on March 23, co-chaired by Gary Isom of Purdue University and Trudy Banta of IUPUI. The existing mission and vision statements of IUPUI and each school were submitted separately to Purdue University. There was a lengthy discussion on the goals and the attached draft was produced for review of faculty and staff members of both schools. We welcome comments on the draft.

Faculty Recognitions

Congratulations goes to Russ Eberhart as his second book, co-authored by James Kennedy, was published by Morgan-Kaufman. The title of the book is “Swarm Intelligence”.

Andrew Hsu received a grant from TRW Foundation for his research proposal “The Development of a Probability Based Model for Heat Transfer in Two-Phase Flow”.

Attachment II Response to FS00-5-2

March 7, 2001

Sanjiv B. Gokhale
President- Faculty Senate
Associate Professor of Construction Technology
Purdue University School of Engineering and Technology ET 309G
IUPUI

Dear Sanjiv:

We are very interested in the concerns of the faculty in the Purdue School of Engineering and Technology. In this very complex university environment, with its many identities, we must take special care to ensure that faculty members are comfortable with their roles and with the relationships they have with other parts of the campus and our universities. Your point about the ability to recruit students to the Purdue School of Engineering and Technology is of special concern to us. Also important is the point you have made about gaining support from local industry.

We have studied these issues of multiple identities at some length. Even after many years, a disappointing level of misunderstanding still exists in the community. Nevertheless, we believe that the answer is not to restructure our campus in some way to eliminate the complexity. Instead, it is to provide more and better information to people so that they can understand who we are and what we offer. We are a core campus of Indiana University -a unique combination of Indiana University and Purdue University that allows students to earn degrees from either one of those institutions here in the state's capital, at the very crossroads of Indiana. This is one of the points of the "Why Not Both?" campaign that has contributed to our maintaining, and even increasing, the size of our student body, while we have simultaneously referred more than 750 applicants this year to the Community College of Indiana.

The fact that we award both IV and Purdue degrees is only part of the story. It is also true that we sit equidistant from IV Bloomington and Purdue West Lafayette. This makes us a natural place of concourse between those two university centers and gives us a special role in encouraging the orchestration of advanced university resources among the three campuses to create Indiana's research corridor. Increasing numbers of multi campus activities, particularly between Bloomington and Indianapolis, give us hope that this corridor will be of extraordinary importance to the future of our state. Business and government leaders are talking more and more about this corridor and its potential to contribute to the state's emergence in new economies.

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It is not inconsistent for IUPUI to be this place of concourse, to award only IU or Purdue degrees, and to still be a campus of Indiana University. This designation certainly does not impede the enormous flow of communications that highlight the fact that we have two Purdue schools at IUPUI.

I received your letter last Thursday afternoon and read it just prior to going to the Maynard Hine alumni leadership awards dinner that evening. At that dinner, one honoree, Gene Hunt, was an electrical engineering technology graduate of the Purdue University School of Engineering and Technology. The other honoree was Margret Robb, an IU law alum with a Purdue degree earned at West Lafayette.

Gene Hunt has been active in the Alumni Association of the Purdue School of Engineering and Technology at IUPUI, the IUPUI Alumni Relations Council, and the Purdue University alumni board based in West Lafayette. Because of Gene's prominence, Tom Carroll, the president of the Purdue Alumni Association worldwide was present, along with Larry Preo, the executive director of the Purdue Alumni Association. The only trustee of either university who stayed throughout the entire evening was John Hardin, an alumni-elected trustee of Purdue University. John Hardin also serves as the chair-elect of the IUPUI Board of Advisors. He will become chair in the 2002-2003 academic year and will serve for at least two years, in keeping with the pattern for Advisory Board chairs. Finally, the entertainment for the evening was the Purdue Glee Club.

They led the entire gathering in singing the songs identified with every part of our complex educational enterprise -the Purdue hymn, the IU alma mater, and the new IUPUI fight song. Also, several members of the IU Board of Trustees and President Myles Brand attended the reception for the Maynard Hine Alumni Leadership Awards Dinner, but had to leave to attend a special meeting of the board. Among those IU trustees was Dean Hertzler, a student studying in the Purdue School of Science at IUPUI, who will earn a Purdue degree in biology before he attends the IU School of Medicine.

Purdue President Martin Jischke will attend an IUPUI Faculty Council meeting, an Academic Deans Council meeting, and a meeting of our IUPUI Board of Advisors this spring. These visits, along with events such as the Maynard Hine dinner, highlight our profound Purdue connections.

It is inevitable that in this complicated environment references will be made to IU or Purdue that could be of concern to faculty members whose work is related to the other university. I think the right answer is to rise above those concerns. We are a partnership

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campus. There are IU degree programs and Purdue degree programs. This is, however, a campus of Indiana University, which in partnership with Purdue, has the authority to offer Purdue programs. Long ago, we concluded that the confusion is an acceptable cost given the advantages that being a partnership campus has brought to the state.

While we will discuss the matter that you have raised within Indiana University, I do not want to mislead you about the likely conclusion. The Board of Trustees of Indiana University has not mandated signs on vans that state that IUPUI is a "campus of Indiana University." On the other hand, I doubt that anyone would be agreeable to removing accurate references already in place, such as the ones on the vans to which you object. We are, in fact, a campus of Indiana University, but one that has special features, qualities, and opportunities. Those features, qualities, and opportunities constitute us as one of the most promising and nationally significant urban campuses in the United States.

We do wish to address the issue of recruitment of students. This is of special importance to us, although we note that the enrollments in the Purdue School of Engineering and Technology have been among the fastest growing enrollments at IUPUI. Nevertheless, we will make a special review of marketing for the Purdue School of Engineering and Technology, and I will ask Cheryl Sullivan, Vice Chancellor for External Affairs, to lead this effort.

Meanwhile, I hope the faculty will reconsider its conclusions. To that end, Executive Vice Chancellor Bill Plater and I would be happy to meet with your faculty and to help explain these matters in more detail.

Sincerely,

Gerald L. Bepko
Chancellor

GLB:ks

cc
Myles Brand, President, Indiana University
Martin C. Jischke, President, Purdue University
H. Oner Yurtseven, Dean, School of Engineering and Technology
William M. Plater, Executive Vice Chancellor and Dean of the Faculties
Cheryl G. Sullivan, Vice Chancellor for External Affairs