

PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY
Faculty Senate Minutes
May 12, 2009

Representatives in Attendance: Doug Acheson, Karen Alfrey, Sohail Anwar, Ed Berbari, Jie Chen, Stanley Chien, Barb Christe, Elaine Cooney, Jan Cowan, Charlie Feldhaus, Becky Fitterling, Tom Ho, Stephen Hundley, Brian King, Nancy Lamm (alternate), Roberta Lindsey, Razi Nalim, Ken Rennels, Steve Rovnyak, Erdogan Sener, Jan Stevens, Bill White

Guests: Hasan Akay, Cliff Goodwin, Marj Rush-Hovde, Rob Wolter, Dean Yurtseven

Meeting began at 11:00 a.m.

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

Elaine asked everyone to look at the minutes from the April 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. Elaine noted changes for the April Senate minutes. A motion was made to accept the April 2009 minutes with changes; all approved.

Administrative Report

Dr. Yurtseven advised Faculty Senate of the following:

Academic Programs:

The Energy Engineering BS program proposal was approved by the IUPUI Academic Policies and Procedures Committee and the Undergraduate Education Advisory Committee; on Wednesday, May 13, the degree proposal will be presented in West Lafayette. There are 3 steps there, the Provost, President, and the Board of Trustees. After approval in West Lafayette the degree proposal will be forwarded to the Higher Education Commission. Dr. Yurtseven advised this may not happen this summer, depending on schedules; so far everything is okay.

Grants and Contracts:

- Ghassan Kassab (BME): Retroperfusion, New Service Award, 01/01/08-7/31/10, ICR: \$29,750, Total: \$199,750
- Ghassan Kassab (BME): Pericardial Access, New Service Award, 11/01/07-7/31/10, ICR: \$29,750, Total: \$199,750
- Ghassan Kassab (BME): Grest, New Service Award, 10/01/08-7/31/10, ICR \$29,750, Total: \$199,750
- Jie Chen (ME): NIH, New Research Award, 04/05/09-04/04/10, ICR: \$94,973, Total: \$319,973
- Pete Hylton (ENT) received RISE-Course Development grants from IUPUI

- Brian King (ECE) and Saba Jalal (ECE) submitted Invention Disclosure to the IU Office of Technology Transfer
- Nancy Evans (CILT) and Mary Ann Frank (DCT) were selected to participate in the 2009 IUPUI Jump Start Program

Faculty News:

The following faculty members received school awards and were recognized at the Honors Convocation:

Barbara Christe – Abe Max Outstanding Research Award
 Karen Alfrey – Wisner-Stoelk Teaching Award
 Patrick Gee – Frank Burley Award
 Rich Pfile – Merritt Award
 Mary Ann Frank – Outstanding Teacher Award

Razi Nalim (ME) was promoted to full professor rank. Wanda Worley (DCT), Sara Koskie (ECE), Pete Hylton (ENT), Jan Cowan (DCT), and Sohail Anwar (ME) received tenure and were promoted to associate professor ranks. The Board of Trustees still needs to give final approval.

University College established 21 Club for faculty members who contribute to freshmen student success and retention. Scott Stull (CEMT), Randy Albright (MAT), Patrick Gee (Academic Advising Center), Jane Parr (Academic Advising Center), Rob Deadman (CILT) and Rob Wolter (CILT) were all recommended by University College.

Wanda Worley (DCT) is a new FACET member from our school; we currently have 6 members now.

Ali Jafari (CILT) began working with IUPUI in the 1990's; with students he developed Oncourse that all IU campuses now use; UITS took over Oncourse at one time. Ali switched to Angel Learning (co-developed with David Mills) and it became a commercial success. Ali went to EPSILON, which was another commercial success. Dr. Yurtseven advised with the sale of Angel Learning to Blackboard Inc. approximately \$23M will come to IU; our school, CIT and Cyberlab and should receive a share of this money, but we are not sure of the amount at this time. Dr. Yurtseven and IUPUI are working hard to look at signed agreements, emails, etc. Ed Berbari thought he heard up to 75% should come back to the school and areas. Dr. Yurtseven advised we do not know at this time. Campus should receive a share, first trying to get the monies to campus, normally should be shared by IU and the campus producing the goods. The press release is not very clear at this time regarding who will receive the money.

Events:

Dr. Mahmoud Nili Ahmadabadi, Dean of Engineering, University of Tehran visited IUPUI recently; the program is successful with them and the State department; we have expanded the degree to both BS and MS degrees; now have 2+2 agreement and plan to extend program to the 3+3 agreement format. We currently have 33 transfer students from the University of Tehran.

Our school recognized Delphi Corporation and Clayton Nicholas accepted the award for Delphi during the Spirit of Philanthropy Luncheon for the 40th Anniversary of IUPUI on April 22, 2009.

IUPUI Chancellor's Honor Convocation was held on April 17th and Robert Frye from ENT was recognized with the highest GPA of the 2009 graduating class. One student per school is recognized during this event. Joy Starks (CILT) Indiana Friend of Business Award, Pat Fox (CILT) ASEE James H.

McGraw Award, and Mohamed El-Sharkawy (ECE) Fulbright Award were recognized for their external awards received. The Trustee Lecturer recipients were also recognized at the event.

The Bepko Honors Convocation was held on April 24, 2009. There were approximately 445 guests in attendance. The school gave out 225 awards to students and \$372,000 worth of scholarships and awards. The Outstanding Alumnus Award went to Clayton Nicholas, who is with Delphi Corporation and is also on our advisory board.

Dr. Yurtseven attended the Butler graduation on May 9th since we have the EDDP program; 19 students graduated there.

IUPUI held its 40th Commencement Ceremonies on Sunday, May 10th. Post commencement attendance was quite good. Rob Wolter was the speaker for the program. There were two honorary degrees awarded. IUPUI Chancellor Emeritus Gerald L. Bepko received the Doctor of Humane Letters degree and Dr. Wayne Eckerle, Vice President for Corporate Research and Technology at Cummins, Inc. received a Doctor of Engineering degree. Both Chancellor Bepko and Dr. Eckerle attended the ceremonies and their **presentations are attached to these minutes.**

The total degrees awarded for December 2008, May 2009, and August 2009 are as follows: 100 AS degrees, 261 BS degrees in technology, 17 BSBME, 14 BSCMPE, 36 BSEE, and 51 BSME degrees. Graduate degree awards include 6 MSBME, 22 MSECE, 18 MSME, 2 MSE, and 17 MS in Technology. Dr. Yurtseven noted this is the first time we had IU graduates, 13 MS in MAT.

Dr. Yurtseven believes we are still the largest degree granting unit on campus. We will lose our status with the largest headcount, with the University of Business MBA program going to Kelley Online.

Razi Nalim noted that with regards to commencement he noticed the School of Science had many doctorate degrees awarded. Razi advised we have at least 3 doctorate degrees in ME this summer. He believes we do not have any process to keep track of these students but feels it is important to have the recognition for the school and students. Razi believes these students were not invited to participate in the graduation process or found out too late. Dr. Yurtseven agreed these students should be listed in the commencement program.

Budget:

Dr. Yurtseven does not have any additional information at this time. The legislators did not pass a budget by April 29th; a special session will be called around June 15 to finish the budget, therefore IU will not have budget information until late June.

The Chancellor was optimistic before the session fell apart because there was a chance that the senate and house was going to pass a positive budget for education. The governor may have more control on the final budget and the Chancellor believes in addition to giving \$48,000 back, more cuts may be recommended for years 2010 and 2011.

Dr. Yurtseven has been working different scenarios with the department chairs and the Budgetary Affairs Committee, but waiting for June 15 or after to present final numbers.

Dr. Yurtseven advised we may not have any salary increases for staff and faculty except for faculty who have been promoted in rank.

For further details of the Dean's Report see Attachment 1 and presentations from honorary degree recipients.

Associate Dean's Report

Dr. Akay advised Faculty Senate of the following:

Undergraduate Affairs

Dr. Akay distributed a tentative list of May and August 2009 graduates and will ask Faculty Senate for approval of these graduates later in the meeting.

Fall 2009 enrollment – 15 weeks before the start of school shows student credit hours up 8% and student headcount is up 5%. Presently we are at 45.2% of last year's credit hours.

One week before start of classes, summer 1, 2009 student credit hours are up 5% and student headcount is up 10%. Seven weeks before the start of summer 2, 2009 courses student credit hours are down 11% and student headcount is up 15%.

The online course/instructor evaluations resulted in 51.4% participation compared to 45.5 % last year. ME had the highest participation rate of 67.2% participation.

The list for PULs of E&T courses to be taught in summer and fall was sent to the campus administration. If you see any mistakes for your courses let Hasan know.

Research

The total amount of research awards received from July 1 through April 30 reached the \$5.81M level, compared to \$4.9M last month. This brings the indirect cost return to \$1.43M for the campus, and 80% comes to our school.

Dr. Akay advised there is a Research Committee meeting on Thursday, May 14; 11:30-1:00 p.m. in ET 103 and encouraged everyone to attend. Dr. Jim Malec, Director of Research of Rehabilitation Hospital of Indiana, is the guest speaker. Dr. Malec will be discussing some potential research collaboration with Engineering and Technology faculty.

One other item Dr. Akay noted that you may recall since early 2007 we have made proposals to campus administration for setting up a technology control plan, so our faculty can conduct research subject to export control laws; this was not approved by IUPUI. There are many obstructions; the argument is that there is a policy statement in the IU faculty handbook stating that there cannot be any restrictions on contents of publications. Faculty should be free to publish any work deemed appropriate. These projects are subject to government restrictions, and restrict IUPUI's competitiveness with other universities; The Faculty Council Research Committee has recently approved our proposal that was submitted two years ago and a modified proposal was approved and endorsed by Faculty Senate last year; now on its way to Faculty Council. This proposal will go to the Board of Trustees eventually.

Ed Berbari asked Dr. Akay how he feels about the proposal getting through the system. Our approach is for the proposal to not go through the entire school, but for IUPUI only. Hasan believes for IUPUI only we have a good chance. Ed also read somewhere the government was going to look at hiring international graduate students and require these same mechanisms. This would have a lot of impact. Hasan believes some of these exclude international students working on such projects; there are however ways to request

special permission; have to have some type of office that handles this. The school would need a set of procedures, fill out a form and give project information. This will come up in IUPUI Faculty Council next fall; Simon Atkinson, President of Faculty Council, is in favor of the proposal. The School of Medicine may possibly have objections. The committee voted 10-3 on the proposal (10 positive); it is a big committee and Akin Ecer is on the committee.

Degrees Awarded

Dr. Akay noted degree information, previously given by Dr. Yurtseven. Overall there were 81 certificates awarded, 100 AS degrees awarded, 379 BS degrees awarded, and 78 MS degrees awarded. These numbers are very close to last year's numbers, slightly higher. Dr. Akay will update the database with regards to the Ph.D. degrees awarded.

A motion was made and Faculty Senate unanimously approved to award degrees to the School of E&T May and August 2009 graduates.

Faculty Affairs Committee

Marjorie Rush-Hovde advised she sent the following documents via email for discussion; Salary Guidelines Policy, Course Evaluation Guidelines draft and P&T Guidelines for Clinical Faculty.

Salary Guidelines Policy – Cliff noted the Central Administration asked each school to draft Salary Guidelines. Marj advised representatives of the chairs made a general draft and the Budgetary Affairs Committee looked it over and approved the document. Marj brought it forward today for discussion or suggestions. If you or your department has suggested changes, pass them on to the Faculty Affairs Committee. Faculty Affairs will process one more time and bring back to Faculty Senate for a vote in the fall.

Marj asked Stephen to summarize the policy since he helped draft the document. There are no figures or percentages; they looked at adopting the compensation philosophy of market competitiveness, internal consistency, and recognition of meritorious contribution. Market competitiveness recognizes our peer institutions and differences in and between disciplines, internal consistency basically says we will use the Faculty Annual Report as the main tool to make performance related decisions and recognition of meritorious contributions recognizes the fact that people can be rewarded in a different manner based on their performance. The committee also broke down and provided definitions for what base salary was, administrative supplements, summer compensation, bonus compensation, and overload compensation. The committee also discussed what the policy was here for and it is for anyone who is a full time non-visiting lecturer and above. The committee examined Best Practice Policies from other institutions and there is a paragraph that may cause some confusion. It basically says that if someone receives an increase that is not implied in the contract that they will get tenure; the Promotion and Tenure decisions are looked at accumulatively over a long period of time, just because you received a raise on an annual basis or some period of time, that does not mean this is the tool that will signal you will get tenure (provides institutional protection). Marj noted someone could have one real good year, and then some not so good years. One final item, they made note that this is consistent with the IU perspective, the Dean is the only person authorized to make salary negotiations and approvals.

Marj asked for questions, comments or suggestions. One question was raised via email asking what counts as administration; for example, someone does a lot of advising as part of his or her job, is this considered administrative. Marj does not have an answer for this. Marj imagines there may be some difficulty defining administration. For example, if someone gets a course release is this administrative. Stephen believes since the Dean is the one who approves administrative supplements may just need to

make a note that makes this determination in the policy. Dr. Akay believes in the past this was interpreted as a percentage of the appointment; Marj asked if this should be specified in the guidelines, or can this be worked out between the individual and the Dean. Stephen believes the policy should provide flexibility, might be an extraordinary nature of someone's duties, may be warranted for their position. Stephen noted you may need to add wording such as "subject to negotiation and approval of Dean." Roberta Lindsey believes this is noted and does not feel it needs to be added. In two different places of document, second paragraph noting "Dean, with approval from IUPUI Campus Administration..." and last paragraph noting, "Dean will review all recommendations of increases..."

Elaine reminded everyone that Faculty Senate members are their department representatives and need to make sure all faculty members have read and discussed this document by the time Faculty Senate votes on the document this fall.

Ken Rennels questioned the issue of salary compression, and did not see where it fits under the market competitiveness statement. Stephen advised the committee did not address anything specific in terms of percentages and figures. Salary compression is worth noting but does fall under market competitiveness. Ken believes may want to consider adding information about salary compression information. When recruiting new faculty and need to pay them equivalent to senior faculty in order to recruit due to the market. Marj advised they could look at the wording; universal struggle that every organization deals with in terms of reconciling these issues.

Marj reminded everyone to take the Salary Guidelines document to their departments for input.

Course Evaluation Documents- Marj noted the school has been using the same questions for quite a while and so the committee felt it was time to update the evaluations, updated the online version. We had a classroom delivery version and an online delivery version. At a recent Faculty Senate meeting someone suggested we have a laboratory version. Faculty Affairs appointed a subcommittee to look at the current questions and update where necessary. Faculty Affairs then reviewed their suggestions. The subcommittee felt there should be 10 questions just to keep it simple, and they re-ordered some of the questions; in the draft copies on the left column you see the existing question and on the right column you see the proposed question. Marj asked everyone to look at the items and make sure they are appropriate and nothing was left out before looking at the specific wording.

There are two questions on the survey with a high to low rating and the other questions will be on the agree - disagree scale. Faculty Senate discussed the classroom version evaluations first.

Razi Nalim noted the master's students are tired of surveys. Nancy Lamm believes you could wordsmith the evaluations continually. They did omit the computer equipment questions since the instructor does not control this area, and CNC did not read or receive the evaluations.

Only questions #9 and #10 are looked at by others. Ken Rennels asked if the system will be configured so an instructor can add some course specific questions for assessment purposes. Marj was unsure if this could be done. Marj noted the subcommittee spoke with Erich Bauer and he had some questions that could be used for assessment, but they felt that was a different goal from evaluating the course. Nancy noted they did meet with Erich Bauer, but he mainly wants to assess Oncourse usage by faculty. This is totally different, and something that does not involve the students.

Ken noted the assessment questions would be used for accreditation for gathering information on program outcomes; for example add a question about problem solving ability. Find a way to tie this into the overall assessment/accreditation system.

Hasan Akay asked the database manager if this would be possible, but he will need two months to complete this. Hasan believes it will be important for assessing PULs. Ken anticipates the questions would not change from semester to semester; assessment information should be more public. Elaine believes the assessment information should be kept separate from the student evaluations of teaching. These questions are meant for different audiences. Marj wanted to know if it might be possible to add instructor provided questions. Erdogan Sener advised he used Oncourse this past semester to gather information for assessment purposes. The Center for Teaching and Learning can assist in this area. Ed Berbari noted that on the engineering side of ABET, they do not like student evaluations as a tool for assessment. Elaine advised ABET considers student evaluations as an indirect measure.

Elaine noted at the campus level, the PRAC committee has a subcommittee who has been looking at student survey of faculty across the entire campus and will be providing a report in the fall with Best Practices across the campus and some well wordsmithed questions they will encourage people to use. Elaine is happy to see this, but we may want to wait until the campus level report comes out before we change what we do. Marj agreed and noted we could have someone from Center for Teaching and Learning look over the questions to make sure they are not biased, but we can still get our topics decided on.

Marj advised for the online version student evaluations there were more changes made on this document; changes were noted in the current document. It was noted to remove the word “email” and use “communicated” as a possibility instead to cover any type of student/teacher communication (question #2). The first question was omitted entirely. Marj advised question #4 was omitted and #5 was changed and re-arranged the order. Marj noted “functionality of Oncourse” changed to “software tools.” The subcommittee decided to remove the question about taking the course over the web because...; they removed this because some courses are offered only on the web, they just added “this class is appropriate for online delivery.” Hasan asked why question #4 was removed...regarding instructor providing motivating environment for learning...Nancy believes a motivating environment is in a classroom, others felt the environment should still be addressed for online teaching. Ken suggested question #8 may address motivation, “appropriately designed for online delivery,” but also this question provides a “yes” or “no” answer only, and hard to assess from this answer. Marj noted a student can write in additional thoughts. Suggestion to combine questions, “this class was appropriately designed and provided a motivating environment for learning.” Nancy advised they try to avoid asking two items in same question.

Elaine suggested the committee take the suggestions back and mull them over.

Marj noted the lab student evaluation is brand new; the subcommittee drafted the evaluation and Faculty Affairs approved it. The lab evaluation would only be used for lab sections that have their own section number. Hasan noted section in lab, question #10, overall rating of lab instructor...sometimes the instructor of lab is different than the lecture instructor. Question #1, some labs are not taught with lecture; material taught in class, note course objectives.

Criteria for Evaluating Clinical Faculty

Marj advised Faculty Affairs had a subcommittee draft this information. Marj noted the current P&T guidelines do not address clinical faculty. The subcommittee drafted, Faculty Affairs committee made some changes, and now presenting for discussion. Marj showed 2 of 3 clinical faculty she knew of and they felt the guidelines were appropriate. Marj noted that Connie Justice, Pat Fox Emily McLaughlin were clinical faculty, and Faculty Senate members also noted Tom Iseley and Darrell Nickolson are clinic faculty. Marj will show Tom and Darrell the document also.

Basically the subcommittee focused on the fact that clinical faculty positions in our school are defined as teaching responsibilities and service responsibilities that are sort of outreach to the community type of responsibilities. One area they proposed is that there should be a peer review of the clinical faculty person's service work; there was some question about the research roles of clinical faculty members. This was addressed at the end of the second paragraph, "clinical faculty members may contribute to the research efforts of a unit through their clinical work, but they are not expected to conduct discipline specific individual research." This is one of the guidelines. Stephen Hundley asked if this means we expect Clinical faculty to conduct research relative to learning and civic engagement. With SoTL efforts and scholarship of engagement, Marj noted this would be appropriate but is not typically thought of as research. Client review of the service used also, or will the peer review and client review be considered the same. Marj understands that the peer review of service would be similar to what is currently used for the teaching review, assemble collection of work, observe classroom, talk to your students, peer review of teaching, may send portfolio to outside peers and they would evaluate it. Marj would not expect a client to do a thorough review. Stephen asked how these guidelines differed from lecturer guidelines. Lecturers are not expected to do external service; a lecturer is more teaching and campus service. A clinical person might be more extensive, for example, running a service learning program or having some sort of center here that serves the community. Elaine advised the same definitions of excellence will be used for Clinical faculty.

Ed Berbari advised his understanding of Clinical faculty is that as we expand the use of Clinical faculty, teaching students within the context of the client; a client can be used in this context. Ed advised BME has a part time clinical appointment that works with the Senior Design class and works with clients on project sponsorships. This could be anyone from a faculty member in our department, to a faculty member across campus to an industrial sponsor as well. Ed is not sure this type of service activity quite fits into this peer review of service activity. Everyone will have different ideas on Clinical faculty use and role.

Rich Pfile advised the subcommittee did not want to define what the service would be at this time. Possibly 5-7 years from now will have a better idea of what we want clinical lecturers to do. Ed is questioning peers. Rich believes the criteria should be fairly broad at this time, review project work with clients, Engineers without Boards, whatever kinds of activities are taking place. Rich believes this type of work can be looked at and reviewed.

Process issues for Clinical faculty – after 3rd year, will have a 3rd year review like a tenure line faculty would, and if they wish would have a promotion review. After a successful 5th year review (without promotion), will have 2-3 year contracts; and if promoted into Associate or Full professor there will be 5 year contracts. Rich did note that the 3rd and 5th year reviews are mandatory.

Marj reminded everyone to contact Faculty Affairs with questions or ideas on any of the documents discussed.

Budgetary Affairs Committee

Cliff Goodwin noted he has chaired the Budget Affairs Committee for two years, so he will not be the chair in the future. Cliff advised this is the final year-end report, and he will be updating the report over the next few weeks. Cliff advised the members of the committee for 2008-2009 were Cliff Goodwin, Razi Nalim, Nancy Lamm, Eugenia Fernandez, Mohamed El-Sharkawy/Stamley Chien, Sherri Alexander, Ed Berbari, and Dr. Yurtseven. The committee met on November 6, December 4, January 16, March 10, April 6 and May 4.

General financial condition of the school, nearly every meeting the committee discussed the financial conditions of the school with Dr. Yurtseven. The committee gave suggestions and input on how to balance the budget. The school had a balanced budget for 2008-09 and this was accomplished primarily through increasing enrollments and removing travel monies from faculty. The overall financial health of the school is good for 2009.

Program technology fee – The fees are needed to help balance the budget and adequately finance the labs; the program technology fee was discussed and endorsed by the committee. The Program Technology Fee will be assessed to all technology students once approved by the Board of Trustees. The fee is expected to be approved and applied in the fall 2009 semester.

Salary Guidelines – Campus Administration asked the school to provide Salary Guidelines and policy statement for all academic appointments. The main work was completed by the Faculty Affairs Committee, which Cliff was a member. The Budgetary Affairs Committee reviewed the guidelines and endorsed them.

The Dean also requested The Budgetary Affairs Committee to give input on how to distribute salary increases to faculty and staff. Discussions on alternatives will be discussed at future meetings. Cliff believes there is some room for improvement in this area, but noted the Dean advised there will probably be no raises this year with the exception of faculty who have been promoted in rank.

The schools balance sheet was distributed to Faculty Senate. Faculty Senate members have seen a few copies in the past; the Budgetary Affairs Committee looked at the schools balance sheet and looked at its accuracy and use; the document continues to be upgraded and its use discussed.

Sherri Alexander noted the balance sheet is for the period of 2008-2009; the data is not quite complete until after the fiscal year. SCH stands for Student Credit Hours on the document. Column 12 on the document, second page, represents each department's percent of student credit hours, space and FTE and the average of these numbers is in column 12, which is used in the allocation of assessment.

Cliff noted the committee continues to work on accuracy of the document. They will fine tune the information, income streams, etc. and the program technology fee will make a huge impact on the balance sheet. The committee continues to discuss and debate the idea of how to use this information; used now for information only to indicate how the school is doing in terms of where income comes from and where expenditures go. At this particular point in time no decision has been made as to how to use the document in a strategic way.

Computing Resources Committee (CRC) – No Report

Constitution and Bylaws Committee - No Report

Graduate Education Committee – No Report

Grievance Board – No Report

Nominations Committee

Rob Wolter addressed Faculty Senate; distributed committee ballots for Faculty Senate members to vote on committee chairs. Faculty Senate also voted on the secretary position for the Grievance Board.

Doug Acheson reminded everyone that current members of Faculty Senate or alternates can vote. After the voting process Rob Wolter and Doug Acheson collected the ballots, counted and recorded them, and later returned to the meeting to advise of the new committee chairs that were selected. There was a tie vote for the Resources Policy Committee so they voted one more time.

Officers and Chairs for the 2009-2010 semester will be:

Ken Rennels – President of Senate
Position is vacant - President Elect of Senate – fall election needed
School of Science - Unit Rep. to Purdue Inter-campus Faculty Senate
Mark Bannatyne – Unit Rep. to Purdue Inter-campus Faculty Council
Ed Berbari and Cliff Goodwin - Unit Rep. to IUPUI Faculty Council
Sarah Koskie - Constitution and Bylaws
Barbara Christe - Student Affairs
Razi Nalim - Budgetary Affairs
TBA at 1st 2009-2010 Meeting - Unit P & T
Marjorie Hovde - Faculty Affairs
Stephen Hundley - Grievance Board
Rob Wolter - Nominations
Brian Kinsey - Resources Policy
Karen Alfrey - Undergraduate Education
Connie Justice - Computing Resources
Hiroki Yokota - Graduate Education

The Committee Members file will permanently reside at G:\COMMON_Senate documents\Committee Assignments\Committee assignments for 2009-10.

Resource Policy Committee – No Report

Student Affairs Committee - No Report

Undergraduate Education Committee

Karen Alfrey advised the Undergraduate Education Committee met on May 12, 2009.

A new course, MET 38800, Thermodynamics & Heat Power, is a 4 credit course that is combining two existing 3 credit hour courses (MET 220 and MET 330). The committee voted unanimously to recommend this course to Faculty Senate.

Faculty Senate unanimously approved MET 38800, Thermodynamics & Heat Power, 4 credit hours

The course request document can also be found under: G:\COMMON_Senate documents\May 2009 Documents.

Dean's List Policy – Karen read through the updated Dean's List Policy proposal that Faculty Senate will vote and is as follows:

All undergraduate students from the School of Engineering & Technology who complete at least 6 credit hours during a semester and who have a semester GPA of 3.8 or higher and a cumulative GPA of 2.5 or higher are placed on the Dean's list. These honor students receive letters from the Dean recognizing their meritorious efforts. This is the same Dean's List criteria currently in place with the addition of the

wording “and a cumulative GPA of 2.5 or higher” to address concerns that some students were having a good single semester GPA but overall GPA that put them on probation. This should eliminate that problem.

This version was unanimously approved by the Undergraduate Education Committee two meetings ago. It was not presented to Faculty Senate in April for a vote because there were additional concerns discussed.

Concern #1 – The policy as it stands resulted in uneven distribution in Dean’s List recipients among departments and there was some suggestion that we should reinstitute requirements that students should be in the top 10% of their program. Freshman program noted they have fewer than 10% of their students represented but this may represent a fairly large overall pool of students that includes some that will not successfully move on. The committee felt this could be expected. For departments that have more than 10% of their students on the Dean’s List it is the Undergraduate Education Committee’s recommendation that these departments use the Dean’s List to re-evaluate their departments grading policy to see whether they have this percentage of students who are truly excellent or whether they should be re-evaluated.

Concern #2 – The policy should contain some requirement that students are making the academic progress – currently our 6 credit hours could include a pair of courses that have no bearing on plan of study. The issue with this is that there is no good automatic way to check that courses satisfy requirements on the plan of study. The most recent vote that the committee took looked at three different possible versions. The other two versions included some requirement for checking academic progress. The committee’s concern is that checking academic progress would make it prohibitively difficult to generate the Dean’s List in a timely fashion. With these two concerns the Undergraduate Education Committee requested to recommend the current proposed Dean’s List policy for consideration.

Ed Berbari advised he is not a big fan of instituting policies that try to fix a different problem that it is addressing. Ed does not believe that we should think that having a liberal Dean’s policy will force faculty or programs to look at their grading policies. Ed noted this will come up for vote in 2-3 years again. Ed feels that each department should see which of their students are on the Dean’s List and make a decision of which students should be on the dean’s list.

Someone questioned if we know how other schools generate their Dean’s List. Karen advised there is documentation from other schools policies under: G:\COMMON_Senate documents\May 2009 Documents. None of these schools check for academic advancement. One school requires students to be in good standing. The policy proposed is consistent with other schools, which used a particular percentage but did not have a percentage of students.

Jan Stevens noted from a student perspective – students strive to be on the Dean’s List if they know what the measure is; vague concept of 10% may not be concrete for students; concern that maybe they have taken two liberal arts courses and if they are on the program plan of study should still qualify them. It was noted that the proposed Dean’s List policy will not check courses.

Nancy Lamm noted that the Advising Center is different than other departments; some students are doing remedial type courses and getting on the Dean’s List. Some students move to other departments and are on our Dean’s List. Nancy would just like to see the list prior to publicizing it to make sure the students on the Dean’s List should be on it. Stephen Hundley believes this is a policy versus a process; the process believes a chair should be able to review the list and note any concerns. Policy does say undergraduate students in the School of E&T, but administratively the student may not be transferred yet. Karen believes the policy would allow departments to look at the list.

Hasan will address the process for the Dean's List. Razi Nalim noted the policy could be amended to include that the department would review the list. There was a motion to add the wording for program faculty approval.

Faculty Senate unanimously approved the amendment to be added to the policy (regarding program faculty approval).

Faculty Senate unanimously approved the Dean's List policy as noted below

All undergraduate students in the School of Engineering and Technology who complete at least 6 credit hours during a semester, who have a semester grade point average of 3.8 or higher, a cumulative GPA of 2.5 or higher, and who are approved by the program faculty are placed on the Dean's List. These honor students receive letters from the Dean recognizing their meritorious efforts.

This will go into effect for fall 2009 semester.

IUPUI Faculty Council

Ed Berbari noted the following items from the May 5th Faculty Council meeting:

- Budget still influx
- Food plan was implemented
- Announcement of New School of Public Health is on the web now
- Honors Dean and Vice President of Research are still undergoing
- Discussion of a 1,300 car garage to be built near the ITCT Building

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 – No Report

Purdue Intercampus Faculty – No Report

Purdue Technology Senate - No Report

Purdue Faculty Senate – No Report

Purdue Graduate Council – No Report

Assessment Committee – No Report

Old Business – No Report

New Business – No Report

Miscellaneous

Elaine passed the gavel to Ken Rennels.

Elaine reminded everyone that Faculty Senate requires committee chairs to send a summary report that can be forwarded on for the following year; submit by May 15th and please copy to Elaine Cooney and Sheila Walter.

Meeting ended at 12:50 p.m. The next Faculty Senate meeting will be Tuesday, September 8, 2009, 11:00 a.m. in SL 165.

Dean's Report for May 12, 2009 Faculty Senate Meeting

Academic Programs

- Energy Engineering-BS program proposal was approved by IUPUI Academic Policies and Procedures Committee as well as Undergraduate Education Advisory Committee. The next steps are all at Purdue University, WL.

Grants and Contracts

- Ghassan Kassab (BME): Retroperfusion, New Service Award, "Recovery of Myocardial Tissue Following Acute Retroperfusion", 01/01/08-07/31/10, ICR: \$29,750, Total: \$199,750.
- Gassan Kassab (BME): Pericardial Access, New Service Award, "Validation of a Novel Device for Pericardial Access: Application to Lead Delivery", 11/01/07-07/31/10, ICR: \$29,750, Total: \$199,750.
- Ghassan Kassab (BME): Grest, New Service Award, "Bariatric Magnetic Device Pre-Clinical Validation on Dog, 10/01/08-07/31/10, ICR \$29,750, Total: \$199,750.
- Jie Chen (ME): NIH, New Research Award, "Evaluation of Canine Retraction Strategies", 04/05/09-04/04/10, ICR: \$94,973, Total: \$319,973.
- Pete Hylton (ENT) received RISE-Course Development grants from IUPUI.
- Brian King (ECE) and Saba Jalal (ECE) submitted Invention Disclosure, "New Method of Anonymous Authentication" to the IU Office of Technology Transfer.
- Nancy Evans (CILT) and Mary Ann Frank (DCT) were selected to participate in the 2009 IUPUI Jump Start Program.

Faculty News

- Barbara Christe received Abe Max Outstanding Research award; Karen Alfrey received Wisner-Stoelk Teaching award; Patrick Gee received Frank Burley award; Rich Pfile received Merritt award; and Mary Ann Frank received Outstanding Teacher award at the Honors Convocation.
- Razi Nalim (ME) was promoted to full-professor rank. Wanda Worley (DCT), Sarah Koskie (ECE), Pete Hylton (ENT), Jan Cowan (DCT), and Soheli Anwar (ME) received their tenure and they were promoted to associate professor ranks.
- University College established 21 Club recognition awards for faculty members who contributed to freshmen student success and retention. The faculty and staff members nominated from our school are Scott Stull (CEMT), Randy Albright (MAT), Patrick Gee (Academic Advising Center), Jane Parr (Academic Advising Center), Rob Deadman (CILT) and Rob Wolter (CILT).
- Wanda Worley (DCT) has become a new FACET member and she will attend the FACET meetings this month.
- Ali Jafari (CILT) and his team of students developed three major software tools that earned him worldwide recognition. Oncourse was transferred to IU, Angel became the largest commercial success that Indiana University ever had through its sale to Blackboard inc. last Thursday, and New York Times purchased a major share of Epsilon. Ali and his student and co-developer David Mills were in the news again most of the last weekend.

Events

- Dean of Engineering, Dr. Mahmoud Nili Ahmadabadi and his delegation from the University of Tehran visited IUPUI and they were hosted by our school. We now have 33 transfer students from this university under the 2+2 agreement. We plan to extend this agreement to 3+3 format.
- Spirit of Philanthropy Luncheon for the 40th Anniversary of IUPUI was held at Campus Center on April 22, 2009. Our school recognized Delphi Corporation and Clayton Nicholas accepted the award for Delphi.
- IUPUI Chancellor's Honor Convocation was held on April 17. Our ENT student Robert Frye was one of the Chancellor's Scholars representing our school with highest grade point average of the 2009 graduating class. The Trustees Teaching Award recipients were recognized at the

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ceremony as well as Pat Fox (CILT) for ASEE James H. McGraw award, Joy Starks (CILT) Indiana Friend of Business Award, and Mohamed El-Sharkawy (ECE) for his Fulbright award.

- Bepko Honors Convocation was held on April 24 at Crown Plaza Hotel. With almost 445 guests attending, the event was a great success largely due to the hard work of number of staff members in Student Services and Development and External Relations teams. 159 outstanding students received 225 awards with total amount of awards over \$372K. In addition to student, faculty, and staff recognitions, the Outstanding Alumnus Award went to Clayton Nicholas (AAS-1978, BS-1980, MET).
- Butler University Commencement took place on Saturday, May 9. Nineteen dual degree engineering students received their BS degrees from Butler University.
- IUPUI held its 40th Commencement Ceremonies on Sunday, May 10 and our school was in the afternoon group along with the Schools of Liberal Arts, Science, Business, Continuing Studies, and Art and Design. Three honorary degrees were conferred, one by Indiana University and two by the Purdue University.
- The Purdue University Honorary degrees were nominated by our school. IUPUI Chancellor Emeritus Gerald L. Bepko received Doctor of Humane Letters degree and Dr. Wayne Eckerle, Vice President for Corporate Research and Technology at Cummins, Inc. received Doctor of Engineering degree. Dr. Eckerle is a member of Dean's Industrial Advisory Council since 2004.
- Both Chancellor Emeritus Bepko and Dr. Eckerle joined our Post Commencement and their address to our graduating class will be attached to the minutes of this Faculty Senate meeting.
- Both the IUPUI Commencement and the school post commencement were well attended. This year (Dec 2008, May 2009, and August 2009), we will award 100 AS degrees, 261 BS degrees in technology, 17 BSBME, 14 BSCMPE, 36 BSEE, and 51 BSME degrees. At the graduate level, we will be awarding 6 MSBME, 22 MSECE, 18 MSME, 2MSE, 13 MS in Music Technology, and 17 MS in Technology.,

Budget

- State of Indiana asked Indiana University to cut 1% of its operating budget for 2008-09 fiscal year. This translated about \$1.9M cut for IUPUI and based on the directive from the Chancellor, our school's share is about \$48K.
- Governor's version of the 2009-11 budget proposal requires 3-5% cut in base budget. The State House and Senate budget proposals provide about 1% increase for higher education. There will be a short session of the Indiana Legislators starting June 15 to finalize the budget.

Comments to IUPUI Graduates

Commencement Remarks for the Purdue School of Engineering and Technology at IUPUI.
Given by Dr. Wayne Eckerle on May 10, 2009

I want to publicly thank Dean Yurtseven, the IUPUI administration, and the Purdue Administration for the Honorary Degree today. This degree is a great honor for which I am truly grateful.

I also want to thank my family and friends, some of whom are in the front row, for their support. Progress in my career would not be possible without their support.

Now for the reason that we are here:

I want to congratulate all of you graduates. I have sat in your chair a few times as well. I hope that you are as proud of the degree that you are obtaining today as I am. The School of Engineering and Technology is a great Institution thanks to the leadership of Oner and the

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faculty and staff. Jerry has summarized many of the successes. During the last 5 years of my association with the school I have been impressed with the continued focus on providing a great education while developing an ever improving research program.

So here we are, May of 2009. You have probably heard the terminology that life comes at you fast. The last 12 months clearly demonstrate this (a new president with different agenda, a difficult recession, an uncertain future). There has been talk of late that it is time for us to get back up, dust ourselves off, and get going again. You do not have that concern. You have been getting yourselves ready for some time now. You now have your degree and are ready to take on new challenges. And you are probably wishing this guy would hurry up so that you can get on with it!! I will be brief.

Your foundational learning from the school of Engineering and Technology will serve you well going forward. But you will want more. Life will continue to come at you quickly. I, and all us who are here to share your accomplishments, wish you success not only for your benefit, but also for our benefit. Our future depends on your success. That is why I asked Oner to spend just a few minutes to offer a few suggestions learned over the years. These are opportunities that I hope will serve as enablers to your success.

First, develop a set of values or operating principles for yourselves. These are code of conduct principles that you live by in good times and in bad times. Examples are being honest, doing things on time, your definition of success, and a commitment to leverage diversity. I am lucky to work for a company that has a set of core values that are well aligned with mine. So I have a lot of help living my principles. On this subject though, there is a key phrase that resonates with me. The truth always prevails. It may take longer than we want, but the truth will always prevail.

The second opportunity is around leadership. We all have opportunities to lead. Often we limit our definition of leadership to organizational leadership. This point is a lot more. In addition, I am talking about the many things we can do, both when on the point and in support roles, that move ourselves, our families, our organizations, and the world forward. I am continually gratified to witness the difference that individuals can make-both large and small. Do not underestimate yourselves. We all can make a significant difference in our work, our community, and our country.

Third, and I know my family is going to groan, develop a strong work ethic. This is not about working 80 hours per week at your job. It is about a performance ethic where you do what you say you will do. It is about you honestly measuring yourself against a standard that you set for yourself in your operating principles. I often say good luck to my acquaintances after an interaction. I say that because I gladly accept a lucky break any time. But in most cases we create our own good luck. By developing that work ethic, that desire to contribute, that ability to keep an even keel through the highs and lows, we create situations that allow beneficial opportunities to come our way.

Finally, the fourth opportunity is that change is constant. Why is that an opportunity? It is an opportunity for you because each change produces winners and losers. The opportunity is to leverage your talents to take advantage of the change. When I was pursuing my BS at a well

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know university north of here, there were 300 students in my department's freshman class. During my freshman year, the bottom dropped out of the aerospace industry. Most of my classmates switched majors. The advice I received from my father and others was that if I like what I am doing, to stick with it, to get really good at it, and that opportunities would surface. There were less than 30 students in my graduating class. However, by that time the economy, and particularly the aerospace business, had dramatically improved. My classmates and I received multiple job offers within the field that we wanted to contribute. The current large-scale changes are now creating many such opportunities. They are here for you to take.

So, I wish you success. With the many challenges here and abroad, we all need for you to be significant contributors to yourself, your families, and your country, wherever that may be. I am challenging you today to develop a set of values to live by, to be a leader, to exhibit a strong work ethic, and to expect and champion change.

Good luck to all of you.

Thank you.

Commencement Remarks for the Purdue School of Engineering and Technology at IUPUI.
Given by Gerald L. Bepko on May 10, 2009

I'm honored to be here to share with you the joy of this moment when we celebrate the remarkable achievements of the Class of 2009.

We hear lots of gloomy news these days -- the economy, our national debt, terrorism, our souring relations with a whole range of other countries, and a cacophony of political controversy that gives me a headache. For this afternoon let's set aside what we hear from media machines that seem to profit from bad news and focus on the wonderful part of the world in which we're privileged to be today.

It's a world of higher education, about which I believe we, as Americans, should be very proud. Many people from nearly every country are seeking to study here. At the multi-campus Indiana University there are thousands of international students, 1400 of them are at IUPUI and 43 are in this E&T class. We attract these students because we still have the best universities in the world.

At home here in Indiana, despite hard times, Hoosiers still seem to care about our universities especially IU and Purdue. Although our Indiana per capita income may have eroded, our allocation of scarce state resources still acknowledges the importance of education. This was reflected in the budget bill that was almost passed by our General Assembly before adjournment.

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We hope you'll let your representatives know how important it is to sustain that kind of commitment, especially to higher education.

Of course at IUPUI we think mostly of IU and Purdue which are especially well prepared with relatively new, very talented, and energetic leadership. Our flagship campuses in Lafayette and Bloomington are important international magnets for people, resources, and ideas. Much of the rest of Indiana's higher education system, both public and private, seems to be well prepared for new challenges. Throughout, there is vital new leadership at the presidential level, especially in our public institutions.

The most prominent place where our two great research universities come together is here at IUPUI. It's a place of concourse at the midpoint of the corridor of higher education, high technology, and research that runs from West Lafayette to Bloomington. It's a campus that has taken explicit steps to build on its location to learn and to serve. For example, we are at the center of government for Indiana so we staffed and facilitated the Kernan/Shepard Commission to make government more efficient. In other areas,

We contribute to our economy such as through the life sciences initiative;

We contribute through technology development and transfer – IUPUI's licensing income from inventions and royalties usually leads the state;

We contribute through entities that break new ground such as the Center on Philanthropy, which has won international acclaim for its studies of charitable or non-profit activity in the US and around the world.

We contribute through preparing most of the state's doctors, dentists and lawyers.

We contribute through translation of research so it can be applied and useful to people today,

And we contribute through various forms of service learning and service.

Our excellent Chancellor Charles Bantz tells the story of getting a call on his cell phone last year saying IUPUI had been given a presidential honor for its service commitment. When he asked, "President of what?" the person making the call said the President of the United States, and Chancellor Bantz went to a White House event to receive the award.

And the physical development of the campus is something to behold with new buildings and campus beauty growing year after year. Nearly every year the campus has yet another look which has reaffirmed the old notion that the campus bird is the construction crane.

Five years ago the campus completed Indiana's first billion dollar campaign for university private support, just months ahead of Purdue Lafayette and a few years ahead of IU Bloomington. And another IUPUI campaign is in the offing.

Largely through the School of Medicine, IUPUI is the campus in the state that nearly every year generates the most external support for research. It has remarkable international dimensions not the least of which is the broad range of relationships with the Moi University in Kenya. This is where AMPATH has developed. It is heralded as among the most important ventures in the world to combat the spread of AIDS.

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IUPUI continues to grow in enrollment. Last fall there were 30,300 students. Of the undergraduate enrollments 75 % were here studying full time and of the entering freshmen undergraduate students nearly 50% are in the top quartile of their high school classes. The numbers of women, minority and physically handicapped students, graduates and faculty continue to go up in a very healthy way.

IUPUI is explicitly an urban campus that is leading in the definition of a new kind of university – a university that is connected and engaged. A symbol of this commitment is in the TRIP initiative (translating research into practice) which advances and highlights this important dimension of our work.

IUPUI has won numerous awards from all the important organizations related to higher education. Following on repeated mention in US News (for Learning communities, Service Learning, First Year Experience, Undergraduate Research) in 2008 IUPUI was recognized as one of the nation's "Up and Coming National Universities" judged by peers to be firmly focused on improving the job they're doing."

Getting a degree is like buying a share of stock in a company. Because of all the growth and excitement at IUPUI your degree earned here, your share of stock, will increase in value.

The main reason I'm so happy to be here today is that one of the gems of IUPUI is the Purdue School of Engineering and Technology. Led by its excellent dean, Oner Yurtseven, the School has literally soared. Incidentally, I'm very proud that Dean Yurtseven took office on my watch.

The School has grown in impressive fashion. It has the largest student body at IUPUI and generates among the largest numbers of degrees at IUPUI.

But it's not just size that fills me with pride. It's the entrepreneurial spirit that has generated new programming directly connected to the needs of people today. Let's look at some recent examples.

First there is the Lugar Center for Renewable energy. No matter your view of the seriousness of global warming, everyone seems to agree that we should be more energy independent and develop cleaner and more renewable energy.

Named for our renowned senior senator, and funded by private companies, the federal government and two of its national laboratories, the Lugar Center is conducting important research in areas such as fuel cell technology, renewable hydrogen, bio fuels, advanced battery technology, and hybrid and plug in electric vehicles. The research here goes back a long way to the School's work with Bill Wylam, a visionary leader in alternative power for automobiles. The School was the home of Electricore, a forerunner to the Lugar Center. The Lugar Center produces research and hosts all sorts of gatherings to help Indiana go green in many new areas. It expects to transfer technology to create new green businesses in Indiana.

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Then there is Biomedical Engineering in which I've had a special interest through a Bepko Scholarship program. It is only natural that we should have biomedical engineering here on the campus that is the home to the state's only medical school. This will be a key part of the life sciences initiative for Indiana which should help our state become a force in the growing life sciences industry of the future. I'm happy to see that this part of the School seems to be flourishing, both in its excellence in research and in teaching. There are 17 in your class who are earning a bachelor's degree in BME and 6 who are earning MSBME.

There is a new department of Music and Arts Technology which seeks to foster excellence and innovation in music technology and in the scientific understanding of the relationship between music and health.

One of the most important features of IUPUI is the ability to bring people together in interdisciplinary teams especially combining creative disciplines with scientific disciplines. Music and technology is a good example. Among the original faculty of this department is David Peters, who came here from the University of Illinois where he was head of music education and President of the National Consortium for Computer based Instruction Systems. Music technology applications are growing and there are new companies emerging here in Indiana related to the work of this department. There are 13 Masters of Science in Music Technology in the class of 2009.

If biomedical engineering makes sense because of the Medical School, it makes just as much sense to have a Department of Motor sports engineering in the world's capital of motor racing. Our School of E&T is the first in the nation to offer a bachelor's degree in Motor sports engineering, which will be a source of research and talent to the 400 motor sports firms in our region. There is a high level of innovation in motor sports which requires a skilled technologically sophisticated work force which has knowledge of aerodynamics, flow analysis, computer aided design, as well as mechanical and electrical engineering.

I used to love to go out and watch our IUPUI team race in the Formula Lightning series with electric cars. I secretly wished that I could get an internship on one of the racing teams, and now I love to watch Sarah Fisher, who I hope can win the Indy 500. I hope you'll cheer for her, too.

And then there is the Department of Computer and Information Technology. What may be most interesting about this department today is that it is the home for Ali Jafari, the inventor of ANGEL right here in the IUPUI Cyberlab. There have been media reports for the past few days on the sale of the company named ANGEL Learning, which produces educational and course management software using technology developed in Ali Jafari's lab. The sale of ANGEL Learning was to Blackboard Inc, an educational software producer in Washington, DC. The price was \$100 million. IU President Michael McRobbie said, "this is the greatest success to date in terms of a university start-up company. This unprecedented return on our investment will be used to fuel additional research activity that will allow us to maintain our national leadership in the field of information technology." And this all derives from your Purdue School of Engineering and Technology and the Department of Computer and Information Technology.

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All of the work in these specialized areas could not go forward without the core strengths of the School in Electrical and Mechanical Engineering and Technology, as well as complementary programs in fields like Construction Technology.

E&T, this very special school, is awarding degrees today to 540 candidates who have completed their work this year. This is a large number, and as such it addresses a national challenge of creating more better educated people. We are serving a national goal articulated by President Barack Obama and his education secretary Arne Duncan to reassert our global leadership by educating more people at higher and higher levels -- by creating more college degree holders as a percentage of our population. Congratulations to all of you graduates in making a good step in meeting that national challenge. And congratulations on making a great step in your own lives.

I'm proud to be associated with this wonderful school, to be a part of this wonderful day, and you should be proud, too. Those who are parents, loved ones and friends, should be very proud of all that is represented here today. And you should look forward with enthusiasm to the fulfillment and success that lies ahead for all those who have earned a degree -- this increasingly valuable share of stock in a great growth company that should pay handsome dividends far into the future.