

**PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY**  
**Faculty Senate Minutes**  
**March 10, 2009**

Representatives in Attendance: Doug Acheson, Karen Alfrey, Sohel Anwar, Mark Bannatyne, Ed Berbari, Debra Burns, Jie Chen, Stanley Chien, Barb Christe, Elaine Cooney, Jan Cowan, Charlie Feldhaus, Becky Fitterling, Tom Ho, Stephen Hundley, Connie Justice, Brian King, Nancy Lamm (alternate), Roberta Lindsey, Razi Nalim, David Peters, Ken Rennels, Steve Rovnyak, Paul Salama, John Schild, Erdogan Sener, Jan Stevens, Bill White

Guests: Hasan Akay, Dean Yurtseven

Meeting began at 11:05 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 February 2009 meeting. Copies of the minutes are not distributed at the meeting, but can be found at G\COMMON\Senate documents in addition to being distributed to all faculty via the E&T Faculty email at least one week prior to each Faculty Senate meeting. A motion was made to accept the February 2009 minutes; all approved.

**Administrative Report**

**Academic Programs:**

Dr. Yurtseven advised Faculty Senate of the following:

At this time of year we start monitoring student admissions for summer and fall, both numbers look good, especially fall. Admitted students are up almost 17% as compared with last year; we have been told there are a large number of students are waiting in the pipeline, due to a processing delay in admissions.

The number of prepared and higher qualified students is also up. Dr. Yurtseven advised we have a large number of Bepko Scholars and Presidential Scholars from our school; met with them and their parents last week and reminded them to stay in school.

Butler, EDDP program, helped with the selection of merit scholarships. There were around 14 students who received a scholarship, and Butler pays for these scholarships.

**Grants and Contracts:**

Ghassan Kassab (BME): NIH, Non-Competing/Continuing, 02/01/09-01/31/10, ICR \$119,019, Total \$369,019

Mohamed El-Sharkawy (ECE): Comm Distribute Tech, Supplements, 11/30/08-08/31/09, ICR \$619, Total, \$3,000

Razi Nalim (ME): Rolls Royce, Continuing/Competing, 01/01/09-06/30/09, ICR \$12,571, Total \$55,257

Debra Burns (MAT): American Music Therapy Association, 01/05/09-12/31/09, ICR \$476, Total \$10,000

**Faculty News:**

Ali Jafari (CILT) and Razi Nalim (ME) were recognized as two of the IUPUI Translating Research into Practice (TRIP) Fellows at the Community Showcase event on March 4, 2009.

Jordan Munson (MAT) and Michael Drews (MAT) collaboratively installed Interactive Multimedia composition, Unified Fields, on March 6 at Big Car Gallery on Virginia Avenue.

Pete Hylton (ENT) published a book on the history of sports car racing, "The Gentlemen's Club," published by SCCA.

Rob Wolter (CILT) was noted and cited Contributor for the textbook "Supervision Today" by Stephen P. Robbins and David A. DeCenzo.

**Staff News:**

Jane Simpson is the new PA, Assistant to the Chair, for the ECE Department.

Angie Kelly recently joined the school as the Grants and Contracts manager.

**Space:**

Renovation is almost complete for ET 201-209 and ET 202 areas. The meeting with Dean Sukhatme on Friday, March 13, will be held in ET 202, and summer classes will also be scheduled in ET 202.

After lengthy discussions with the School of Science, the School of Science and our school submitted the space planning of the Multidisciplinary Laboratory and Classroom Building (MLCB). Dr. Yurtseven advised he is not sure of the timeline for this building yet.

**Events:**

Project Lead the Way was held on February 20, 2009. Over 350 local high school students attended the conference. We have been sponsoring student conferences for the state. This is a very good recruitment tool; Dr. Yurtseven thanked all who helped with the event.

Campus Day was held on Saturday, March 7. The event was well attended and many faculty and department chairs were there to promote our programs.

**Budget:**

Dr. Yurtseven advised there is no new budget information at this time. The campus is currently waiting for state legislators to work on the budget; so far there are two versions of the budget. There is the Governor's version which requires 3-5% cut in the state appropriation in the next two years and the house version which is favorable to universities. The House version does not have any cuts, but has almost a 1% increase next year. Dr. Yurtseven advised campus is unsure of the version that will be negotiated and accepted. The campus should have an answer in early May. This year there is an unusual situation; some decisions at the state level may wait until federal stimulus money information comes out in mid April, and the final decisions may not be known until the end of May.

The State relations office for IU indicated that they may not be able to finish in 2 weeks, so they may extend a short session in early May; may not find out budget information until late May / early June. The

school is making appropriations for the worst case scenario. Dr. Yurtseven advised they have not received any recommendations for salary increases next year; IU has not advised on salary guidelines.

### **Miscellaneous:**

Dr. Yurtseven reminded faculty and staff to attend the meeting on Friday, March 13 when Dr. Sukhatme will present information on how the campus will conduct the search for a new Dean. Elaine Cooney will make a brief presentation and then Dr. Sukhatme will ask questions and look for feedback.

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

### **Associate Dean's Report**

Dr. Akay advised Faculty Senate of the following:

Fall and summer 2009 registration; open registration will be held April 4- Sept 2, for fall 2009; April 4 – May 15 for summer 1, April 4 – July 1 for summer 2. This information has been disseminated to students and is on the registrar website at [www.registrar.iupui.edu](http://www.registrar.iupui.edu). Students should be aware of the new 5 digit Purdue course numbers, which will be in effect for summer and fall registration. There are now two zeros that have been added to current Purdue course numbers. Students have been informed of this several times. Ed Berbari asked about the two zeros, whether they can be used for creating new course numbers. Hasan advised forming a new course by adding the zeros to the course number. Policy information will be forthcoming.

Campus is preparing for the North Central Association Accreditation in 2012, and trying to establish some common policies for assessing programs throughout IUPUI. There are meetings taking place and presentations being given. There was a meeting with the associate deans for undergraduate programs, which Hasan attended. The discussions indicate that PULs should be declared for all course outcomes, should also be linked to program outcomes; similar to what we do for ABET. Campus will be asking for every program to do this and they will be asking for direct and indirect evidences to show the courses are satisfying the PULs. Campus is agreeable that this does not have to be done in all courses, but can be done in key courses. More details will be coming out by the campus and our school assessment committee. Will look at how we can do this systematically within our school. Currently, similar evidence collections are being practiced in some departments.

Ed Berbari noted the last time the school was able to do this by using the ABET mapping to the PULs. Elaine noted this worked well when the school was only ABET, but now we have three different accreditation agencies. The ABET a-k is not universal across engineering, technology and CAC. We will get more push to talk the PULs since it is more universal. Ed knows there may be more layers, and we may not want to do two different standards. Elaine advised as an instructor you may be asked by the campus to evaluate your students' ability at PUL #5, part C, for example. You will be asked to do this at the end of the semester. Ed feels we should stay more focused on professional societies. Elaine agrees, but advised at the end of the semester as an instructor you will be asked for a number associated with the PUL. Instructors need to be aware of how the PULs map on an individual level. Barb Christie advised on new course proposals when they go to electronic submission form, there will be a box where you have to select the PULs that will be associated with the course. The PULs will also be declared on Onestart for all courses. It is good to know your mapping, so you can answer the PUL questions easier. The school has this information; unfortunately this table is from the older version of PUL's. There is a new PUL version out now.

Hasan requested the Assessment Committee to look at updating the PUL table.

Dr. Akay noted Angie Kelly is the new Grants Manager for the Office of Research. Angie has more than five years of research administration experience at the IU Office of Research Administration. Angie has a good background and the experience in this area. Amanda O'Neill has been at 50% responsibility in this position and has done a good job, but is pleased to have a new person on board. Any questions regarding grants and contracts and research proposals you may now discuss with Angie; but Amanda will be happy to help during the transition stage.

Dr. Akay announced that several new research awards have been made; our total research award level is at the \$4.38M level. This is very good progress so far; Indirect Cost Recovery for this is in the range of \$1.29M, which is additional income coming to the school for other expenses of the school. There have been 85 proposals submitted since July 1.

The campus research day is planned for April 24<sup>th</sup>. Dr. Akay encouraged graduate and undergraduate advisors to encourage their students to participate with posters. Campus has posted a website for submission of posters, it is expected there will be a lot of external visitors coming to campus. Campus is encouraging faculty to participate; this is an all day event and there will be national and local speakers giving talks on their research as well as science, technology, and society.

**Faculty Affairs Committee** – No Report

**Budgetary Affairs Committee** – No Report

**Computing Resources Committee (CRC)**

Connie Justice distributed a brief handout titled "Information Technology Needs." As you may have heard by now, the undergraduate student technology fees as of July 1, 2009 will be administered through UITs. This affects our school, and CRC has been tasked to put out a plan to transition with the student technology fees, how this affects us, what our labs look like and how to proceed. CRC was notified about this just a few weeks ago.

CRC met and discussed some ideas as to how this will affect us and how to articulate our information technology needs. CRC met with UITs on March 9, and as noted on the Overview in the handout CRC tried to get a grasp on what we are looking at. Connie is asking everyone to look at this, show and discuss with your department faculty and staff and forward feedback to CRC. This will be phased in over a 3 year period, this is just a start. Dr. Yurtseven and Dr. Akay were included in the meeting with UITs. Connie felt the meeting was positive.

The goals as noted on the handout are:

1. Describe the IT generalized needs of our Engineering and Technology (E&T) student body.
2. Describe plan to leverage the services UITs can provide and the specialized teaching needs in the school.
3. Voice concerns that have surfaced in this discussion.

Other thoughts include (tip of the iceberg):

- space is an issue
- how will labs be maintained
- how will scheduling be done

Connie advised UITS desire is not to come in and change everything, their desire is to look at the resources the School of E&T has that we can pull together and make better use and better leverage of the student technology fees.

Connie discussed some areas to look at...

What are our generalized needs?

What is it overall that we want our undergraduate students and the teaching labs to have? Connie articulated a few things, state-of-the-art hardware, state-of-the-art laboratories in all buildings (ET, SL, LD and the ICTC building).

Connie listed some products as noted in the handout, which are not inclusive. The list grew immensely during the meeting with UITS.

Three areas to look at include:

- What are the technology needs that UITS can take care of in generalized labs?
- What are our specialized needs that we don't want UITS involved in?
- Whatever area in between that maybe we can negotiate with UITS that they can help us with?

Connie advised this is not a budget cutting exercise; they do not want any services close to your department. UITS mission is to improve efficiencies; leverage what we can do to improve labs for students and the student experience. Connie encouraged everyone to voice your concerns, this was the first meeting with UITS, will have several others. Connie noted as the meetings progress CRC will have more information and discussion with Faculty Senate and the school. UITS made it clear during the meetings that they want to work with us.

Dr. Yurtseven advised with regard to budgetary implications, we now get about \$200,000 per year in income in undergraduate student fees; starting July 1, the money will start going to UITS. Currently with the \$200,000 the school is supporting one CNC staff, and some hourly staff with this. This money was also used for software. In our negotiations we will try to recover some funds, and will try to use UITS services as much as possible. We already pay taxes to UITS, so the school will benefit if we can pass any expenses related to undergraduate students to UITS. This will be helpful.

Connie will also send a report out from Sherri Alexander regarding expenses that currently go to Student Technology fees.

**Elaine reminded everyone to talk to their department committee representatives; if you have any comments, additions, what are your needs, questions or concerns, send to your representative, and copy Connie on the request also.**

Charlie Feldhaus summarized what he heard. We will lose around \$200K in student fees, which funded certain folks and products. Our goal is to get UITS to give us that \$200,000 back or continue to employ those who are funded through these monies. Possibly CNC employee may become a UITS employee, or may be assigned to our school from UITS. Dr. Yurtseven advised we have one full time person, and the rest are hourly. There will be a year transition period.

Connie advised the wiring in the SL, ET, and LD buildings is ancient. One of the first items UITS wants to do during this transition is to update the wiring in these buildings. UITS will move the wiring up to a higher priority, much of the wiring is not up to code or certified at this time.

Stephen Hundley asked whose responsibility has the wiring been. Connie advised, and double checked with Dr. Yurtseven, that CNC was responsible for the wiring. Dr. Yurtseven advised we did wiring ourselves, some wiring is not up to code at this time and it needs replaced. UITS agreed to cover and do this, which includes infrastructure wiring as well as the switches and routers. Stephen noted it sounds like we may get an early return on monies we are losing.

Mark Bannatyne asked if UITS will be upgrading lab equipment. Dr. Yurtseven advised they will not do this, they will say they are giving us space in ET and SL. UITS will then come and take over, make into a lab. UITS will do this; part of negotiations, whether we want to give up some of the ET lower level space; would like our students to have access to labs in NU building or other closer labs, so our students do not have to come here specifically. Students pay technology credit fees on basis of courses they are taking. For example, if the student is taking a geography course, the money goes to Liberal Arts. Only the student technology fee portion for our courses comes to us. We do not make any distinction, our students are not necessarily getting any good labs to use in University College or Cavanaugh Hall; can now fund this out so students can have access to good labs and what they want anywhere on campus.

Connie also noted to think about future technology needs. As technology changes some of the items discussed yesterday will be important to have power for your wireless device. Will be important to be wireless pervasive no matter where you are. Connie included IU and Purdue campuses because of the collaboration efforts and trying to make this as transparent as possible. Shoot for the stars in what we need and want.

The "Information Technology Needs" document can be found at G:\COMMON\\_Senate documents\March 2009 Documents.

**Constitution and Bylaws Committee** - No Report

**Graduate Education Committee** – No Report

**Grievance Board** – No Report

**Nominations Committee**

Doug Acheson gave the Nominations Committee report for Rob Wolter.

Doug noted that Rob has touched base with your nominations committee representative from your department. They are now soliciting nominations.

***Nominations – upcoming dates***

- Report any replacements from your department to the Nominations Committee Chair by April 4.
- The nomination period is March 22 through April 4.
- Report all NOMINATIONS for ELECTED positions to the Nominations Committee Chair by April 4.
- The deadline for replacements and nominations is April 4.
- Nominations and replacements will be reported to the E&T Faculty Senate on April 14.

- The online voting/election will take place from April 19 through April 25.
- Results of the election will be reported to the E&T Faculty Senate on May 12.
- The E&T Faculty Senate will select committee chairs on May 12.

Doug advised Faculty Senate that their Nominations departmental representative should be contacting faculty for both departmentally appointment committees and school wide elected committees. Look at your department representation and if their term expires spring 2009 your department will need to appoint someone. Look at school wide elected committees also to see if you want to nominate anyone from your department. If you are nominated for a school wide committee, the nominations committee will check with you. Whether a school wide elected committee or departmentally appointed committee there is a possibility you may be elected to serve as chair; if this will not work for you, let the committee know you cannot serve as chair.

Ed Berbari asked that chairs of departments be copied on nomination information that is sent to the department representatives.

**Resource Policy Committee** – No Report

**Student Affairs Committee** - No Report

**Undergraduate Education Committee**

Razi Nalim spoke on Karen's behalf (she was sick, no voice)...

The Undergraduate Education committee has 4 courses that were proposed and recommended by the committee. The following course information can also be found under:

G:\COMMON\\_Senate documents\March 2009 Documents

MSTE 420 – Automotive Control – intended to be the same as existing course ME 504, will be co-listed with this course; there was some clarification needed for a 400 level course to be co-listed with a 500 level, but this is acceptable.

**Faculty Senate unanimously approved MSTE 420, 3 credit hours, new course listing**

BME 222 – Biomeasurements; proposed change to an existing course; changes include department permission will be required, math pre-requisite was adjusted to meet new math courses, and the course description has been changed to meet the 50 word limit required by IU.

**Faculty Senate unanimously approved BME 222, 4 credit hours, change in course listing**

MET 338 – Manufacturing Processes - new course

MET 348 – Engineering Materials – new course

Mark Bannatyne asked how the above two courses differ from the current MET courses on processes. Ken Rennels advised manufacturing processes class is a combination of two existing courses, and it will

be a 4 credit course now. The Engineering Materials course is also a combination of two existing courses, and it will be a 4 credit course. Ken advised these two courses will be required in the new plan of study for MET.

**Faculty Senate unanimously approved MET 338 and MET 348, both 4 credit hours, new course listings**

**IUPUI Faculty Council**

Charlie Feldhaus reported on the March 3<sup>rd</sup> IUPUI Faculty Council meeting:

Charlie advised he did not get all of Chancellor Bantz remarks; one item Chancellor Bantz did note was to say thanks to our legislators, for the good negotiating period with them and their willingness to give to education.

Report from the budget hearings committee; little to report at this time, but this committee also advised to thank your legislators, from a 5% decrease to what we thought we would get to something in the positive range.

Simon Atkinson, President of IFC, IUPUI Faculty Council, shared 3 items:

President appointed a blue ribbon health care panel (AKA Blue Ribbon Task Force) to examine the health care costs throughout the IU system. There will be more information forthcoming.

Still discussion on promotion and tenure, UFC discussed P&T processes at regional campuses, more to come there. Nothing decided specifically.

There will be an announcement soon on the School of Public Health.

Numerous concerns were raised about the switch to UITs; Liberal Arts especially concerned, along with some other schools.

Trudy Banta and Mary Fisher discussed PUL's and the assessment piece, what they will be doing to get ready for the North Central Association Accreditation visit campus wide. They will be handing out course rating forms and advising how they will be preparing for the NCA visit. They must prove direct and indirect evidence of learning and are working on this process.

Charlie advised there was an announcement of slate for University Faculty Council representation. Charlie noted there was no one from E&T on the slate. There are 6 terms expiring, and the new slate consisted of faculty from some Science, Dentistry, Nursing, Liberal Arts (1 each), 2 from University Library, and 9 from Medicine. Why is there no one from E&T? Hasan Akay advised there is a nominations committee, and that committee decides who the nominees are; membership is for University Faculty Council (UFC). Traditionally, we have not had anyone on the UFC, but it would probably be a good idea to have representation on this committee. Ed Berbari advised all eligible faculty members are sent an email about nominations, sometimes you have to self-nominate.

There is a resolution to propose a fall break. The break will occur on a consecutive Monday and Tuesday in mid October, further resolved this proposal can be subject review at a later date. Classes will no longer start on a Wednesday, but will start on a Monday. This was the first reading, but proposal has significant support. Charlie will share request to see if Purdue will offer their fall break at this time.



Sue Herrell, President of IUPUI Staff Council, presented some information. The last week of March is staff council appreciation week. The Staff Council will sponsor a blood drive on April 29<sup>th</sup>. March 21 Staff Council will be planting pansies on green space they have adopted.

There is an initiative on campus titled, "Common Theme Project." David Craig, Assistant Professor of Religious Studies, is involved with this, and is doing a lot of things on conservation. Bill McKibben, author of "Deep Economy, The Wealth of Communities and the Durable Future" will be coming to campus as part of the Common Theme project to speak on November 9-10, 2009. He will discuss how begin green can impact our economy both locally and nationally. For further information see Charlie Feldhaus.

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

### **IUPUI Graduate Affairs Committee**

Hasan Akay advised this is the time to select fellowship students at the IUPUI Graduate Affairs Committee level. There is a meeting on Friday, March 13 that Hasan will be attending to discuss the selection. We have 9 students from our school that we nominated, 1 BME master's student, 3 master's and 1 Ph.D. student for ECE, 2 master's and 2 Ph.D. students for ME. Each department is allowed up to 4 students to nominate. Fellowship students are selected based on GRE records and GPAs from past institutions. These are for new students and it is a prestigious fellowship. Departments or faculty have to come up with the tuition portion for the student.

Graduate Affairs Committee has been discussing assessment for graduate programs. North Central Association Accreditation requires assessment of the graduate programs also. There is some discussions on this. Associate Deans for Graduate Programs will receive information on this and will ask department or programs to provide some assessment information.

The Purdue Associate Dean attends this meeting regularly and he advised has Purdue has been doing this already. You have to show what your program outcomes are at the graduate level. But you should not have to go to course level in the assessment information at the graduate level. These are high level outcomes; 4 are noted and they are critical thinking, technical competence, communication, and ethical practices and behavior. Each program has to show that these outcomes are being met. The best way to show this is assessment of thesis reports and presentations, or if there are not thesis reports then you can show the outcomes from project reports and presentations.

Hasan advised the Engineering graduate programs have developed and assessed graduate student thesis and reports over the last five years. At Purdue when a graduate student finishes his or her thesis exam the advisory committee members are asked to fill out an evaluation form.

Research and Sponsored Programs at Purdue: we are entitled to receive up to five travel grants from Purdue Research office in 2009-2010 budget year. There was an announcement related to this; the travel grants are related to international travel for conferences; there is also one summer research grant available for tenure track junior faculty. Faculty have received emails about this. Purdue also has a website which outlines the criteria and the deadline, which is sometimes in April. Hasan noted we did not use our share of travel grants last year.

### **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**

**Dr. Akay discussed the Dean's List criteria.**

During the fall 2007 semester the policy on selecting students for the Dean's list was revised to make it somewhat easier to monitor and more consistent across departments and programs. The old policy used to state that the Dean's list is awarded to only the top 10% of students in each program, who are taking 6 credit hours or more. This caused some difficulty and some inconsistency.

The new policy, which states that all undergraduate students in E&T who complete at least 6 credit hours and who have a semester GPA of 3.8 or higher are placed on the Dean's list. This 3.8 GPA was determined by looking at past records by Dean Conrad at the time.

Hasan believes the policy works well, but noted that we should re-visit the policy. Hasan has some statistics on this, and the old policy was restricted to 10% of students, and with the new policy there were up to 14% students eligible for the Dean's list.

It had been brought to Hasan's attention that during the fall 2008 semester, there were six students on the Dean's list and at the same time these students were on probation. This may be a philosophical question as to whether the policy should be changed. Hasan advised that, out of these 6, 3 of the students are still on probation; Elaine brought this to his attention.

This was also discussed at the Undergraduate Education Committee. Faculty Senate needs to discuss whether there should be a modification to the policy and/or revisit the 3.8 GPA criteria.

Barb Christe is also concerned about SAP. The students that fail to make Satisfactory Academic Progress, the requirements for this are to complete 25% of your courses; Barb noticed a student had taken two courses in Labor Studies, which did not count towards his major and dropped the other two, and still made the Dean's list, and yet was going to be on SAP. The student will be dismissed, but also made the Dean's list. Barb believes SAP should be included in criteria, which would address the probation issue as well as course completion. Eugenia Fernandez asked if rather than giving a response now, departments can give their comments at a later date...maybe at the next Faculty Senate meeting. Elaine proposed that the senators take this issue back to their departments, and have a discussion with their representatives on the Undergraduate Education committee. Then during the April Faculty Senate meeting this can be address by the Undergraduate Education Committee. Hasan will forward specific information to departments on the current Dean's List policies.

Nancy Lamm asked if there were any statistics if individual departments increased the amount of students on the Dean's List; may be useful information. Hasan believed some departments did show an increase in Dean's List students. He promised to investigate that.

**Miscellaneous**

Elaine Cooney read the memorial resolution for David Williamson. After Elaine read the resolution Faculty Senate observed a moment of silence. David Williamson was part of our school from 1986-2008. David Williamson passed away on December 24, 2008. This memorial resolution will also be presented in the minutes of the IUPUI Indianapolis Faculty Council.

The Memorial Resolution for David Williamson can be found under: G:\COMMON\\_Senate documents\March 2009 Documents.

Meeting ended at 12:10 p.m. The next Faculty Senate meeting will be Tuesday, April 14, 2009, 11:00 a.m. in SL 165.

## **Dean's Report for March 10, 2009 Faculty Senate Meeting**

### **Academic Programs**

- The total number of admitted undergraduate students went up by 16.9% as compared to last year.
- Our efforts to recruit academically well prepared students by offering merit scholarships continue. About 40 Engineering Dual Degree Students were offered scholarships by Butler University and 15 engineering and technology students were offered Bepko, Presidential, and Plater scholarships.

### **Grants and Contracts**

- Ghassan Kassab (BME): NIH, Non-Competing/Continuing, "The Role of Shear Stress in Heart Failure", 02/01/09-1/31/10, ICR \$119,019, Total \$369,019.
- Mohamed El-Sharkawy (ECE): Comm Distribute Tech, Supplement, "Development of HMM and ANN Models to Distinguish Between Multiple Pronunciation Variant Categories of Single Spoken Words", 11/30/08- 8/31/09. ICR \$619, Total \$3,000.
- Razi Nalim (ME): Rolls Royce, Continuing/Competing, "Wave Rotor Combustion Rig Design and Analysis", 1/01/09-6/30/09, ICR \$12,571, Total \$55,257.
- Debra Burns (MAT): American Music Therapy Association, New Research, "Listening and Locating: Understanding the Benefits of Music and Imagery Experiences during Chemotherapy Infusion", 01/05/09-12/31/09, ICR \$476, Total \$10,000.

### **Faculty News**

- Ali Jafari (CILT) was recognized as one of the IUPUI Translating Research into Practice (TRIP) Fellows with his project, "eLearning Environment" at the Community Showcase event on March 4, 2009.
- Razi Nalim (ME) was recognized as another one of the IUPUI Translating Research into Practice (TRIP) Fellows with his project, "Super Efficient Jet Engine and Gas Turbine Combustion" at the Community Showcase event on March 4, 2009.
- Jordan Munson (MAT) and Michael Drews (MAT) collaboratively installed Interactive Multimedia composition, Unified Fields, on March 6 at Big Car Gallery on Virginia Avenue. Both motion and color tracking technologies were used by several stations set up on site.
- Pete Hylton (ENT) published his new book on the history of sports car racing, "The Gentlemen's Club", published by SCCA.
- Rob Wolter (CILT) was noted and cited Contributor for the widely used textbook "Supervision Today" by Stephen P. Robbins and David A. DeCenzo.

### **Staff News**

- Jane Simpson joined our school as the Assistant to Chair for the Department of Electrical and Computer Engineering.
- Angie Kelly joined us to fill the position of Grants and Contracts Manager.

### **Space**

- Renovation is almost completed for ET 201-209 and ET 202 areas
- The School of Science and our School submitted the space planning of the Multidisciplinary Laboratory and Classroom Building (MLCB).

### **Events**

- More than 350 local high school students attended the sixth Student Conference of the Project Lead the Way program on February 20, 2009. Indiana Public Instruction Superintendent Tony Bennett was the main speaker. Students were divided into several small groups to receive hands on training, demos, and instructional modules run by our faculty and staff.
- Campus day was held on Saturday, March 7. Our department chairs and number of faculty members publicized our academic programs, made presentations, and conducted lab tours.