AGENDA

1. Call to order  Professor Joan R. Fulton
2. Approval of Minutes of 15 November 2010
3. Acceptance of Agenda
4. Remarks by the President  President France A. Córdova
5. Remarks of the Chairperson  Professor Joan R. Fulton
6. Résumé of Items Under Consideration by Various Standing Committees  For Information  Professor Morris Levy
7. Question Time
8. University Senate Document 10-5  For Discussion  Professor Andrew Luescher
   Change from Visitor to Auditor in University Regulations
9. University Senate IT Update, January 2011  For Information  Vice President Gerry McCartney
10. New Business
11. Memorial Resolutions
12. Adjournment
The meeting was called to order at 2:40 p.m. by Chairperson Joan R. Fulton. Professor Fulton asked for a moment of silence to honor Professor Stanley L. Hem who passed away unexpectedly the previous day.

The minutes of the meetings of the 15 November were approved as corrected.

The agenda was accepted as distributed.

President France A. Córdova made a brief presentation on the legislative budget summary for Purdue University.

Professor Joan Fulton presented the report of the Chairperson (see Appendix A).

Professor Morris Levy presented, For Information, the Résumé of Items under Consideration by the various standing committees (see Appendix B). He asked for questions from the floor and invited the chairs of the standing committees to comment on their respective committees. Professor Kathryn Orvis, Chair of the Nominating Committee, asked the Senators to sign up for Senate standing committees and to
encourage their colleagues to sign up for faculty committees. She also mentioned that we needed nominees for the position of Vice-Chair for next year. Professor Tom Templin, Chair of the Student Affairs Committee, said that his committee is reviewing the current Student Code of Conduct as it dates to 1992 and a review is in order. The Student Affairs Committee will work with the Dean of Students Office, Purdue Student Government and Purdue Graduate Student Government to revamp the Code. Professor David Williams, Chair of the Faculty Affairs Committee, informed the Senators that after 8 months of work his committee had endorsed the Conflict of Commitment Draft Policy. The draft policy will be presented by Vice President Rollock at the February Senate meeting.

7. At question time, Professor James Daniel asked Registrar Robert Kubat about the recent requirement for verifying student attendance. Specifically, he wanted to know what would happen if a professor failed to check that a student had been attending class or if a professor simply failed to submit the roll call through MyPurdue. Registrar Kubat said that his office has an audit trail mechanism in place to account for all classes/professors. If any students are noted to have failed to attend a class, this information is forwarded to Vice Provost Dale Whittaker. Vice Provost Whittaker commented that if a student did not attend class, they could lose any federal financial aid they have. This could negatively impact Title IV funding for Purdue University.

Professor Donald Buskirk asked why the third week of the semester was chosen since some students may still be adding or dropping classes. Registrar Kubat said that most drops and adds are finished by the third week in any given semester. If a student has failed to attend class and this is noted, there must be communication with that student before a decision is made to deny the student financial aid. Professor Janusz Duzinkiewicz stated that at Purdue North Central, attendance sign-in sheets and oral verification of a student’s presence are considered acceptable. Vice Provost Whittaker said that calling the process “Roll Call” may be a bit misleading as any evidence that the student is attending will suffice. For example, turning in homework, taking quizzes or evidence of Blackboard use for on-campus and distance learning students are all among the acceptable means of verifying attendance.

8. Professor Andrew Luescher, Chair of the Educational Policy Committee (EPC), presented, for discussion, Senate Document 10-5, Change from Visitor to Auditor in University Regulations. Senators asked questions, expressed concerns and made suggestions for improving the document. Professor Levy thought that the final paragraph was vague. Professor Luescher said that this paragraph was included in the original policy and was not changed by the EPC. Later in the discussion, Vice Provost Whittaker suggested that the last paragraph could be removed from the policy. The discussion next focused on credit-by-exam and it was clarified that when a course is initiated there is a box on the Form 40 and the instructor could check this box if the new course should be eligible for credit-by-exam. Professor Daniel asked if a student could audit a class and preclude a paying student. Any student who is auditing the class must have permission from the instructor. Hence, if the course is full, a student who wants to audit the class will be denied. Professor Levy suggested that specific language requiring the instructor's signature be included in the policy. Professor Sally Hastings asked if spouses of international students would be eligible to audit a class. Professor Luescher said that those were exactly one of the categories of students this policy is designed to help. Registrar Kubat added that the students could be degree-seeking or non-degree-seeking students. Professor Rabindra Mukerjea asked if we currently knew how many students are auditing classes. Registrar Kubat said that he did not know that number. Professor James McGlothlin suggested that it would help the Senators understand the need for the policy if the rationale could be framed and included with the document. Registrar Kubat stated that one of the problems with the old visitor policy was the form that was signed went into a file cabinet and the student’s name was never entered into
the electronic system. There was no means of identifying these students. This posed security and safety risks for all parties. For example, there was a known student with TB and all of the other known students were notified, but the student classified as a visitor was missed and it took significant effort to track down that individual. In response to a question from Professor Timothy Folta, Registrar Kubat said that the auditing student pays a fee, but it is less than that paid by students taking the course for credit. Professor David Janes asked what level of access is allowed for an auditing student. Do they have access to Blackboard, for example? Currently, there is no clear answer to this question.

9. Vice President for IT and CIO Gerry McCartney presented, for information, *University Senate IT Update, January 2011* (see Appendix C). Following the presentation VP McCartney answered questions from the Senators. In addition, Professor McGlothlin thanked VP McCartney and his staff for the great efforts they have put forth in the realm of IT in the last few years.

10. There was no New Business for consideration.

11. There were two Memorial Resolutions for Henry Weiner, Professor of Biochemistry, and Rolland “Ron” Z. Wheaton, Professor Emeritus of Agricultural and Biological Engineering. Out of respect for their departed colleagues, the Senate members stood for a moment of silence.

12. Having no additional business, the meeting adjourned at 4:05 p.m.
REPORT TO THE UNIVERSITY SENATE - PROFESSOR JOAN R. FULTON

Welcome to the first meeting of the Purdue Senate for Spring Semester 2011. This is a busy time of the year for all of us, and with the state legislative session underway it is a particularly busy time around the university. The Senate leadership is working with the Purdue administration for an effective flow and analysis of information when there are bills introduced in Indianapolis to determine the potential implications for us at Purdue and the appropriate response. The changes cover budget issues, as we have just heard from President Córdova’s comments, as well as issues related to curriculum and health care. On the academic side there have been, and continue to be, changes at the state level that impact us at Purdue. One of the driving forces behind these changes stems from the need for the Indiana economy to change from its traditional manufacturing base and the ensuing need to increase the education level of Hoosiers. The issues of student access to higher education, transferability of credits across institutions, and flexibility for the students have been identified as important for student success (at the state level) in completing degrees in a timely manner. We are working to be proactive in this area, while at the same time emphasizing the quality of a Purdue degree and the need to not diminish that quality. In that light, we are moving forward with the implementation of a Core Curriculum at Purdue, as recommended by the committee that reported this past April. The Steering Committee, at its January meeting voted to establish the Core Curriculum Committee to implement the core. I am getting names from the Deans to ensure appropriate representation on the committee and then working with the Nominating Committee to get it established. It was also decided at the recent Steering Committee meeting that as Chairperson of the Senate I will send President Córdova and Provost Sands a letter noting that the ownership of the curriculum lies with the faculty and how we as faculty want to ensure that quality is maintained even during the changes that are going on now. The issue of AP credit is also relevant here. You may recall that Andrew Luescher (Chairperson, Education Policy Committee) provided some background on this topic during the last Senate meeting (November 2010). This issue had been worked on for some time by Stephen Beaudoin (beginning when he was serving as Provost Fellow for Student Access and Success) and Nancy Bulger (Office of the Provost). Purdue has accepted AP credits for some time and thanks to the important work of Stephen Beaudoin and Nancy Bulger the most recent change results in minimal change for us at Purdue. The original proposal in Indianapolis would have involved all state universities accepting AP credit much more liberally than in the past. The current change will involve a change for free electives only. Under the change if free elective credit is part of a student’s program of study he/she will be able to use AP-based credit (with a score of 3.0 or above) to satisfy the free electives. This score of 3.0 is less than the 4.0 that Purdue has required in the past and will only apply to free electives. There has been an active flow of emails over the past couple of weeks related to the responsibilities that we have as faculty concerning Roll Call for the students in our class. It is important for us to realize why we are asked to do this. Many of our students rely on financial aid to meet their expenses while at college. The effective operation of the financial aid program requires that checks be made to ensure that students who receive financial aid are actually attending class – and thus we have a responsibility to complete the Roll Call. I completed the Roll Call for my class earlier today and it took just a couple of minutes, thanks to the process that the Registrar’s Office has put in place for us. If any of you have any questions Bob Kubat (Registrar) and the representative from the Division of Financial Aid are here to answer questions.

On a final note I would like to point out that the Purdue Senate website is an easy place to find all of the documents and minutes from our Senate meetings. I encourage all of you to report back to your colleagues in your departments and colleges/schools about the items that we are working on at the Senate
TO: University Senate
FROM: Morris Levy, Chairperson, Steering Committee
SUBJECT: Résumé of Items under Consideration by the Various Standing Committees

STEERING COMMITTEE
Morris Levy, Chairperson
levy0@purdue.edu

The primary responsibility of the Steering Committee is the organization and distribution of the agenda for each meeting of the University Senate. This committee also receives communications from any faculty member or group of members and directs such communications to appropriate committees or officers for attention.

ADVISORY COMMITTEE
Joan R. Fulton, Chairperson of the Senate
fultonj@purdue.edu

The responsibility of the University Senate Advisory Committee is to advise the President and/or Board of Trustees on any matter of concern to the faculty.

NOMINATING COMMITTEE
Kathryn S. Orvis, Chairperson
Natalie J. Carroll, Vice-Chairperson
orvis@purdue.edu
ncarroll@purdue.edu

The Nominating Committee is responsible for presenting nominations for the University Senate and University committees. In filling committee vacancies the Nominating Committee seeks to have all interested Senators serve on at least one committee.

EDUCATIONAL POLICY COMMITTEE
Andrew Luescher, Chairperson
luescher@purdue.edu

1. Remedial 1-credit course for students on probation
2. Review of GPA requirements in early years
3. GPA requirements after readmission
4. Transfer credit
5. Advanced Placement Transfer Credit
6. Policy on course syllabi
7. Student Bereavement Policy

FACULTY AFFAIRS COMMITTEE
David J. Williams, Chairperson
dwj@purdue.edu

1. Proposed Revisions to Research Faculty Guidelines
2. Faculty Survey
3. Regional Campus Proportional Faculty Representation on Purdue University Senate

STUDENT AFFAIRS COMMITTEE
Thomas J. Templin, Chairperson
ttemplin@purdue.edu

1. Student Conduct Code.

UNIVERSITY RESOURCES POLICY COMMITTEE
A. Paul Schwab, Chairperson
pschwab@purdue.edu

1. Review fiscal policies and aid in generating budget transparency and economy
2. Review of campus energy sufficiency, safety, and other Physical Facilities operations
3. Enhancing graduate education and research opportunities
4. Review of faculty committees

Chair of the Senate, Joan R. Fulton, fultonj@purdue.edu
Vice Chair of the Senate, Morris Levy, levy0@purdue.edu
Secretary of the Senate, Joseph W. Camp, Jr., jcamp@purdue.edu
University Senate Minutes; http://www.purdue.edu/faculty
<table>
<thead>
<tr>
<th>SENATE DOCUMENT</th>
<th>TITLE</th>
<th>ORIGIN</th>
<th>SENATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-1*</td>
<td>Nominees for University Senate Standing Committees</td>
<td>Approved</td>
<td>Professor Natalie Carroll</td>
</tr>
<tr>
<td>10-2*</td>
<td>Nominees for the University Censure &amp; Dismissal Committee</td>
<td>Approved</td>
<td>Professor Natalie Carroll</td>
</tr>
<tr>
<td>10-3*</td>
<td>Change in the Membership of the Faculty Compensation and Benefits Committee</td>
<td>Approved</td>
<td>Professor David Williams</td>
</tr>
<tr>
<td>10-4*</td>
<td>Reapportionment of the University Senate</td>
<td>Approved</td>
<td>Professor Morris Levy</td>
</tr>
<tr>
<td>10-5</td>
<td>Change from Visitor to Auditor in University Regulations</td>
<td>For Discussion</td>
<td>Professor Andrew Luescher</td>
</tr>
</tbody>
</table>

*Approved
TO: The University Senate  
FROM: University Senate Educational Policy Committee (EPC)  
SUBJECT: Change from “Visitor” to “Auditor”  
DISPOSITION: University Senate for Vote  
REFERENCES: Part 2 — Academic Regulations and Procedures  
(University Senate Document 71-10, January 17, 1972)  
Section VI — Classes (University Senate Document 6-5, March 19, 2007.)

<table>
<thead>
<tr>
<th>B. Visitor</th>
<th>B. Auditor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current</strong></td>
<td><strong>Proposed</strong></td>
</tr>
<tr>
<td>A person who is not already enrolled as a student in the University and who wishes to attend a course in the University without credit shall obtain from the Office of the Registrar a visitor’s permission form stating his/her name, the number of the course, the date of attendance permitted, and the fact that no credit is to be allowed. The registrar shall issue a visitor’s permit upon written recommendation of the instructor and approval by the head of the department administering the course. No person who is ineligible for readmission by reason of his/her having been dropped from the University for scholastic or other reasons shall be eligible to attend classes as a visitor. A person who has status in the University by reason of admission to, and registration in, a definite classification may enroll in a course as a visitor. The assignment and enrollment must be completed by the regular procedure for visitor registration. The assessment of fees and determination of allowable load shall be in accordance with the credit value or equivalent of the course(s) involved. For a staff member, the registrar will also require the approval of the dean of the Graduate School acting for the president. The fee for auditing shall be waived for persons who are eligible for fee remission. Members of the staff who, as part of the regular duties for which they are paid, are required to attend course(s) in their own department without credit shall be exempt from the above provisions requiring a special permit for registration and approval of the dean of the Graduate School acting for the president. An auditor in a course shall be entitled to hear lectures, recitations, and oral quizzes. He/She shall not participate in classroom exercises except as invited by the instructor. He/She shall neither submit papers, when tests or examinations are given, nor take part in laboratory work. An auditor shall receive no credit for the course. However, if he/she has been, is, or shall be registered later as a student in the University, he/she may apply for examination for credit, under the usual rules, in the course that he/she has attended.</td>
<td></td>
</tr>
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</table>

Approved unanimously by EPC members present at the Meeting of November 1 (Alsup, Beals, Glotzbach, Gu, Hawkins, Kay, Kirkwood, Kmec, Luescher, Moriarty, Whittaker, Payne, Swiontek, Dooley)
UNIVERSITY SENATE
IT UPDATE 2011

Presented by:
Gerry McCartney
Vice President for Information Technology and CIO
Oesterle Professor of Information Technology
January 24, 2011
Integrated governance model:

- Ensures responsiveness to needs
- Realizes cost savings of $10M over two years
- Meets University research and teaching goals

www.purdue.edu/cio
Five Narratives

• Lab Printing
• Email Systems
• Software Acquisition
• Hardware Acquisition
• Data Centers
### Operational Oversight Membership

- Sandra Amass, Veterinary Medicine
- David Carmichael, ECN
- Doug Comer, Computer Science
- James Daniel, Foods and Nutrition
- Melissa Dark, CIT
- Patricia Davies, Mechanical Engr.
- Melissa Exum, Student Affairs
- Douglas Foster, IT Enterprise App.
- Mary Catherine Gaisbauer, Comptroller
- Tim Gennett, Housing and Food Services
- Steve Hare, Science
- Pamela Horne, Enrollment Management
- Edward (Ned) Howell, Research
- Logan Jordan, Management
- Julie Kercher-Updike, IT Customer Relations
- Jolene King, Physical Facilities
- James Lehman, Curriculum and Instruction
- Markus Lill, Pharmacy
- Marshall Martin, Agricultural Economics
- George McCabe, Statistics
- Gerry McCartney, CIO
- David McKinnis, TAP
- James Mullins, Libraries
- Nick Robison, Student
- Terry Schroeder, Administrative Computing
- Michael Smith, History
- Patrick Smoker, Agriculture IT
- Kevin Vedder, Human Resources
OPERATIONAL OVERSIGHT COMMITTEE

• Addresses IT resource issues in small, ad-hoc teams
• Issues currently under review
  o Model for reviewing business processes
  o Central undergraduate student file backups
  o Research data management
  o Desktop energy management
  o Shared departmental applications
## Units Reporting IT Cost Savings

### General Funds

<table>
<thead>
<tr>
<th>Unit</th>
<th>Actual IT Reduction To Date</th>
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</thead>
<tbody>
<tr>
<td>Advancement</td>
<td>$29,754</td>
</tr>
<tr>
<td>Agriculture</td>
<td>$22,191</td>
</tr>
<tr>
<td>Business Services</td>
<td>$63,500</td>
</tr>
<tr>
<td>Information Technology at Purdue</td>
<td>$3,358,056</td>
</tr>
<tr>
<td>Engagement/Continuing Education</td>
<td>-</td>
</tr>
<tr>
<td>Research/Discovery Park</td>
<td>-</td>
</tr>
<tr>
<td>Education</td>
<td>$107,589</td>
</tr>
<tr>
<td>Engineering</td>
<td>$97,548</td>
</tr>
<tr>
<td>Executive Offices</td>
<td>$507,228</td>
</tr>
<tr>
<td>Graduate School</td>
<td>$3,449</td>
</tr>
<tr>
<td>Health and Human Sciences</td>
<td>$21,587</td>
</tr>
<tr>
<td>International Programs</td>
<td>$1,285</td>
</tr>
<tr>
<td>Liberal Arts</td>
<td>$166,119</td>
</tr>
<tr>
<td>Libraries</td>
<td>$27,564</td>
</tr>
<tr>
<td>Management</td>
<td>$19,875</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>$8,417</td>
</tr>
<tr>
<td>Physical Facilities</td>
<td>$11,344</td>
</tr>
<tr>
<td>Science</td>
<td>$139,322</td>
</tr>
<tr>
<td>Student Services</td>
<td>$66,521</td>
</tr>
<tr>
<td>Technology</td>
<td>$63,764</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>$8,280</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>$4,723,393</strong></td>
</tr>
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</table>
Strategic Growth Areas

- Research Computing—Clusters & Hubs
- Learning Technology
Coates/Rossmann clusters place Purdue 5th among academic institutions based on peak performance offered.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Institution</th>
<th>Peak Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>National Institute for Comp. Sciences, University of Tennessee</td>
<td>956,828 teraflops</td>
</tr>
<tr>
<td>2</td>
<td>Texas Advanced Computing Center, University of Texas</td>
<td>479,930 teraflops</td>
</tr>
<tr>
<td>3</td>
<td>University of Colorado</td>
<td>152,200 teraflops</td>
</tr>
<tr>
<td>4</td>
<td>Georgia Institute of Technology</td>
<td>116,170 teraflops</td>
</tr>
<tr>
<td>5</td>
<td>Purdue University</td>
<td>112,448 teraflops</td>
</tr>
<tr>
<td>6</td>
<td>National Center for Supercomputing Applications, University of Illinois</td>
<td>102,100 teraflops</td>
</tr>
<tr>
<td>7</td>
<td>University of Southern California</td>
<td>94,220 teraflops</td>
</tr>
<tr>
<td>8</td>
<td>Arctic Region Supercomputing Center, University of Alaska</td>
<td>88,920 teraflops</td>
</tr>
<tr>
<td>9</td>
<td>Clemson University</td>
<td>85,040 teraflops</td>
</tr>
<tr>
<td>10</td>
<td>Brookhaven National Lab, Stony Brook University</td>
<td>82,161 teraflops</td>
</tr>
<tr>
<td>11</td>
<td>Minnesota Supercomputing Inst. for Adv. Computational Research, University of Minnesota</td>
<td>74,390 teraflops</td>
</tr>
<tr>
<td>12</td>
<td>Computational Center for Nanotech. Innovations, Rensselaer Polytechnic Institute</td>
<td>73,032 teraflops</td>
</tr>
<tr>
<td>13</td>
<td>Texas Tech University</td>
<td>68,270 teraflops</td>
</tr>
<tr>
<td>14</td>
<td>San Diego Supercomputing Center, University of California San Diego</td>
<td>67,320 teraflops</td>
</tr>
<tr>
<td>15</td>
<td>Ohio Supercomputing Center, Ohio State University</td>
<td>45,370 teraflops</td>
</tr>
</tbody>
</table>

The 15 largest research computing sites in the United States according to the ranking site www.Top500.org; institutions are ranked by computing capacity (Rmax teraflops).
## Cluster Distribution by Department

<table>
<thead>
<tr>
<th>Department</th>
<th>Nodes</th>
<th>Department</th>
<th>Nodes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical and Computer Engineering</td>
<td>545</td>
<td>Computer Science</td>
<td>20</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>324</td>
<td>Civil Engineering</td>
<td>15</td>
</tr>
<tr>
<td>Chemistry</td>
<td>233</td>
<td>Ag. and Biological Engineering</td>
<td>15</td>
</tr>
<tr>
<td>Physics</td>
<td>210</td>
<td>Agronomy</td>
<td>7</td>
</tr>
<tr>
<td>TeraGrid</td>
<td>203</td>
<td>Chemical Engineering</td>
<td>5</td>
</tr>
<tr>
<td>Earth and Atmospheric Sciences</td>
<td>159</td>
<td>Industrial Engineering</td>
<td>5</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>93</td>
<td>Computer Graphics Technology</td>
<td>4</td>
</tr>
<tr>
<td>Med. Chem./Molecular Pharm.</td>
<td>85</td>
<td>RCAC/PTO</td>
<td>3</td>
</tr>
<tr>
<td>Aeronautics and Astronautics</td>
<td>76</td>
<td>Electrical/Computer Eng. Tech.</td>
<td>1</td>
</tr>
<tr>
<td>Mathematics</td>
<td>52</td>
<td>Horticulture/Landscape Arch.</td>
<td>1</td>
</tr>
<tr>
<td>Materials Engineering</td>
<td>48</td>
<td>Communication</td>
<td>1</td>
</tr>
<tr>
<td>Statistics</td>
<td>21</td>
<td>Management</td>
<td>1</td>
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Percentage of research awards involving High Performance Computing

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Purdue Research Awards</th>
<th>Awards Using HPC</th>
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<tbody>
<tr>
<td>2008</td>
<td>$322,800,000</td>
<td>$73,000,000</td>
</tr>
<tr>
<td>2009</td>
<td>$327,500,000</td>
<td>$80,700,000</td>
</tr>
<tr>
<td>2010</td>
<td>$418,000,000</td>
<td>$165,000,000</td>
</tr>
</tbody>
</table>

- 2008: 23%
- 2009: 25%
- 2010: 39%
HUBzero™ Platform for Scientific Collaboration

- 25 hubs at Purdue, 6 at other institutions, supporting 450,000+ users annually
- NEES: NSF $105M – earthquake engineering
- NSN: NSF $29M – nanotechnology
- Indiana CTSI: NIH $25M – healthcare
- Sol: NSF STC $25M – information science
- C3Bio: DoE EFRC $20M – biofuels
- PRISM: DoE $17M – mems devices
- IAEVTE: $6.1M – batteries and electric vehicles
- 18 more hubs for other projects: $5.3M
Signals Early Intervention Program

- 12,634 students used Signals in 92 classes during 2009-2010, up from 1,234 students in 5 classes in 2008-2009
- Licensed to SunGard

Hotseat Collaboration

- 5,700 students used Hotseat in 15 courses first year
- Annotate lectures, e-vote, comment or tag for learning in real time and asynchronously via Twitter, Facebook and SMS-enabled phones
**Mixable Social Network and Content Stream**

- 350 students used Mixable in 2 courses in first year
- Enables a social overlay students use to connect with Facebook friends in their courses

**DoubleTake**

- 170 students used DoubleTake in 1 course in first year
- Captures video, encodes video using the Condor pool and streams back for classroom or lab activities
OVPIT

**STRATEGIC**
Change the “rules of the game” in research and learning: Clusters, HUBzero, Signals, Mixable, DoubleTake

**TRANSFORMATIONAL**
Adapt the University’s management of information and operations to enable the strategic reallocation of resources

**FUNCTIONAL**
Implement efficiencies for reducing cost
Memorial Resolution

For

Henry Weiner

Professor of Biochemistry

May 18, 1937 – October 28, 2010

Henry "Hank" Weiner, 73, of West Lafayette, died Thursday, Oct. 28, 2010, in his home. Born May 18, 1937, in Cleveland, Ohio, he was the son of the late Philip and Hilda Dapeer Weiner. He graduated from Thomas Jefferson High School in San Antonio, Texas, earned a degree in chemical engineering from Case Institute of Technology in 1959 and a Ph.D. in organic chemistry from Purdue University in 1963. He did post doctoral work with Daniel Koshland at Brookhaven National Laboratory, Brookhaven, N.Y., and Hugo Theorell at the Karolinska Institute in Stockholm, Sweden.

In 1966, he joined the faculty of the Purdue University biochemistry department as an assistant professor. He was promoted to associate professor in 1969 and to full professor in 1976. He received numerous awards from the National Institutes of Health for his scientific research, including a Career Development Award in 1978, Senior Scientist Awards in 1983 and 1988, and a MERIT Award in 1989.

In 2006 he was recognized for being in the top 5 percent of NIH grant award winners during the previous 25 years. From Purdue, he received the Seed for Success Award in recognition of receiving research grants of $1 million or more. He was recognized as the Outstanding Graduate Educator in the School of Agriculture in 2008 and in 2009 he received the Provost's Award for Outstanding Graduate Faculty Mentor in the University.

He was the founder and organizer of the international scientific meeting Enzymology and Molecular Biology of Carbonyl Metabolism, held biennially since 1982. After each meeting, he edited a book or special edition of a journal in which the manuscripts from the meetings were published. He is the author of more than 200 journal articles, and he was the author of a chapter in a biochemistry textbook for medical students.

He was a member of the American Society for Biochemistry and Molecular Biology, The Protein Society, The Research Society of Alcoholism and The International Society of Biomedical Research on Alcoholism. He was an active member of Temple Israel, serving on the board of directors for many years and as president for four years. He also served on the Midwest Board of the Union of Reform Judaism. He enjoyed baking and teaching others to bake breads. He was an avid woodturner and a member of American Association of Woodturners and Central Indiana Chapter of American Association of Woodturners.

On June 11, 1960, he married Esther Blankfeld in Cleveland with whom he celebrated their 50th wedding anniversary this past summer. Surviving are his wife, children, Suzanna Stoebick (husband: Rob) and Alex Weiner (wife: Dori Rubin), and brother Alan (wife: Phyllis). Also surviving are three grandchildren.

From the time he was diagnosed with prostate cancer in January, 1993 until a relatively short time ago he lived well and productively. Hank received the standard therapies for the disease and also participated in many clinical trials designed with the goal of developing more effective treatments for prostate cancer.

Dr. Henry Weiner was an outstanding member of the Department of Biochemistry for 44 years. He will be sorely missed.
Rolland "Ron" Z. Wheaton, 87, a retired ABE faculty member died June 7, 2010 in Ann Arbor, Michigan. His home had been in Houghton Lake, Michigan for the past three years. Ron was born in Petoskey, Michigan, the son of the late Warner A. and Lucy Bacon Wheaton. Ron served in the Army during World War II, received bachelor's and master's degrees from Michigan State University and earned a doctorate in agricultural engineering from the University of California-Davis.

Dr. Wheaton's professional work took him to Michigan State University, Texas Tech University and to Purdue University, where he spent the last 20 years of his career. He took sabbatical leaves at Virginia Tech and the University of Florida and completed an assignment at Universidade Federal de Viçosa in Brazil. Ron devoted many years to research and continuing education related to agriculture, water drainage, irrigation, and soil and erosion control. He served as a member of over 30 state and national task forces, councils and committees related to water resource management. He was appointed by the Governor of Indiana to serve on the Legislative Water Study Committee for the purpose of improving drainage, the Water and Mineral Resources Advisory Council and the ECOP Groundwater Task Force. Ron's counsel was often sought by the Division of Water and Soil Conservation Group in the Indiana Department of Natural Resources as well as the Indiana Drainage Contractors Association. He actively provided leadership that expanded the programs of the Hoosier Chapter of Soil and Water Conservation Society and the Indiana Association of Soil and Water Conservation Districts.

Throughout his career, he co-authored a number of publications, including the Indiana Drainage Guide, a critically important publication for farmers in Indiana, which has one of the highest percentage of subsurface drainage in the U.S. Ron was instrumental in establishing a strong state association of drainage contractors in Indiana with the aim of providing support and continuing education to improve land drainage practices. Ron received several scholastic honors and awards, including a Top Ten Teacher Award at Michigan State University and the prestigious "G.B. Gunlogson Countryside Engineering Award" from his national Professional Society, the American Society of Agricultural and Biological Engineering, in 1990. The Gunlogson award honors “Outstanding engineering contributing to the healthy climate of the American countryside and to a viable economy for its small towns.”

Ron's appointment was primarily extension, but he was instrumental in obtaining and guiding a major water quality project in Northeast Indiana in the Black Creek watershed. This five million dollar effort involved several departments at Purdue as well as state and local water resource agencies. The project was a joint USEPA-USDA funded effort to study the effects of agricultural land use and management on water quality in the Great Lakes (particularly Lake Erie), and included a study of the acceptance of those practices by local farmers. The project was a trailblazer in helping to understand the relationships between agriculture and the environment in order to reduce non-point source pollution.

His wife of 59 years, Lorna, whom he married in 1946, preceded him in death. Surviving are two children, Keith B. Wheaton of Howell, Mich., and Holly L. McAtee of Vincent, Ohio. Also surviving are 6 grandchildren, Jenna, Kelli, and Cailyn Wheaton and Justin, Derek and Lauren McAtee. He was preceded in death by an infant brother, Lloyd; and a brother, Alton. Ron was a devoted father and grandfather. Don Jones, retired, Purdue, Larry Huggins, retired, Purdue

Charles McKee, retired, Purdue, David Beasley, Dean, Arkansas State University