

July 11, 2005

Members of the University Community

I am pleased, Dear Colleagues . . .

. . . to forward for your information a summary of actions approved by The University of Akron's Board of Trustees on June 22, 2005.

Educational Policy/Student Affairs Committee

1. Creation of Honors College

Following a presentation by Dale Mugler, director of the University Honors Program, and Karyn Bobkoff Katz, associate director of the program, Trustees approved a recommendation from the Provost to create an Honors College. The upgrade in status is expected to (1) improve the recruitment, retention, and impact of high achieving students; (2) help the University strengthen its identity and raise its visibility; (3) enhance fund-raising and (4) increase the sense of community among students in the college and associated UA faculty. The plan for the college includes provisions for facilities, faculty, and administrative resources to allow it to develop into a true center for academic excellence. The Faculty Senate approved the recommendation after the Senate's Academic Policy Committee reviewed a series of reports and proposals.

2. Tentative Graduation List and Statistics for Summer 2005

The Board approved candidates for a total of 1,138 degrees to be conferred during commencement ceremonies on August 27. The total includes 86 doctoral degrees, 402 master's degrees, and 650 bachelor's degrees.

3. Name change for the Department of Chemical Engineering

Trustees approved a name change for the Department of Chemical Engineering to the

“Department of Chemical and Biomolecular Engineering. “ The new name better reflects a change in the focus of chemical science to include bioscience and bioengineering.

4. Academic Program Changes

In separate actions, Trustees approved the following changes in the academic program, all of which were approved by the Provost, recommended by the Curriculum Review Committee and the Faculty Senate, and will be forwarded to the Ohio Board of Regents for approval.

- Adolescent to Young Adult (AYA) Licensure Programs in the College of Education

These programs lead to a master’s in secondary science education with licensure in one subject area to teach grades 7-12. The action also improves the College of Education’s offerings in the AYA science area.

- MA Special Education Options in the College of Education

Two new options will be added to the MA Special Education program: (1) Pervasive Developmental Disabilities/Autism and (2) Behavioral Supports. The change is responsive to an increase in the number of individuals with these conditions.

- Web Development Option in Summit College

This new option in the AAB Computer Information Systems Program reflects the need within the business community for people with dynamic Web-development skills.

5. Research Grants and Sponsored Programs Report – July 2004-May 2005

For July 2004-May 2005, funding for externally funded research and other sponsored programs was \$24,449,819 to support 385 projects. In the prior fiscal year, the year-to-date amount was \$27,912,693 to support 399 projects. During the current fiscal year, 11 patents have been granted to the University, 33 patent applications have been filed by the institution and 52 disclosures have been submitted.

External Affairs Committee

1. Cumulative Gift and Grant Income Report – July 2004-May 2005

For July 2004-May 2005, total giving was more than \$14.1 million, as compared with \$17.1 million for July 2003-May 2004. For July 2004-May 2005, about 15,156 gifts were accepted, compared to 15,368 received during the same period last fiscal year.

Facilities Planning & Oversight Committee

1. Bid for Guzzetta Hall Addition, Phase I, Bid B

Trustees approved the awarding of a contract for \$1.78 million to the Albert M. Higley Co., for Phase I, Bid B of the project, which encompasses the building structure, backfill and perimeter wall framing. The contract amount is \$110,000 more than was budgeted for Bid B of this phase, and it will be offset by lower-than-budgeted amounts for bids A and C.

Finance, Fiscal Policy, and Investment Committee

1. Financial and Investment Reports – July 2004-April 2005 (approved subject to audit)

Akron campus – Tuition and fee revenue for the period was \$156.6 million, or about \$1.43 million less than budgeted year to date. These revenues reflect summer, fall, and spring collections; they are a function of generated student credit hours. Earnings from investments, endowments and other sources exceeded budget estimates by \$1.2 million. Expenses were \$200.5 million in the functional categories for the period, less than budgeted by \$12.4 million.

Wayne College – Tuition and fee receipts – reflecting summer, fall, and spring collections – were \$6.8 million, or \$577,398 less than budgeted. Receipts from continuing education department sales and other sources exceeded budget estimates by \$222,059. Total educational and general expenditures in the functional categories were \$7.5 million, which was less than budgeted by \$2.2 million.

The market value of the University endowment increased by \$1.35 million between July 2004 and March 2005. The increase – which includes gifts, bequests, fund transfers and endowment income – raises the total market value to \$49 million as of March 31, 2005. Combined endowment assets – the University endowment plus The University of Akron Foundation endowment – now total \$167 million.

2. FY2005 General Fund and Auxiliary Enterprises Budgets, Tuition, and General Fees

The University of Akron's proposed budget for FY2006, based on estimated revenues, will be \$270,420,786 – a 3.39 percent increase from the current budget of \$261,553,370. Revenue assumptions include a reduction from the current year's original State Share of Instruction and Institute for Global Business budgets of \$553,017 (0.125 percent) and \$597,857 (70 percent) respectively. A Success Challenge increase of \$553,195 from the FY2005 original budget will be set aside to further enhance the success of our students through investments in advising, the First Year Experience and other academic functions.

For Fall Semester 2005, tuition and the general service fee will be 6 percent higher for most students; however, there will be no increase in facility fee, I.T. fee, developmental support

fee, library fee, or the Career Advantage Network fee. Tuition and fees will increase by 7.5 percent for students in the School of Law.

Personnel Expenditure Assumptions

- An increase to the salary pool, effective July 1, 2005;
- Vacant positions of \$7.2 million include \$5.3 million approved for search and \$1.9 million to be evaluated by Position Review Committee;
- Health care costs to increase about \$1.5 million;
- Employee contributions to group insurance continue;
- Part-time and overtime staff remain at reduced levels; and
- Central control of vacant positions and related savings will continue.

Non-personnel Expenditure Assumptions

- All University-funded scholarship budgets increased to reflect tuition and fee increases;
- Utility costs to increase \$1.3 million;
- Anticipated savings of \$3.3 million from reallocations and delays/elimination of some vacant positions will be used to balance the budget.

3. FY2006 Course Materials and Miscellaneous Fees

The course materials and miscellaneous fees schedules (including technology fees) have been updated for FY2006. Course materials fees will be returned to the requesting college. The parking fees for faculty, staff and students will remain the same.

4. Purchases for More Than \$150,000

Several purchases for more than \$150,000 were approved:

- \$277,044 to Avaya Inc. for maintenance service for the campus telephone switch;
- \$644,929 to PeopleSoft USA for maintenance and support for software packages;
- \$342,365 to Computer Hut of Nashua, N.H., for Cisco Systems SMARTnet maintenance; and
- \$993,476 to Adden Furniture Inc for miscellaneous residence hall furniture for the south quad.

Competitive bidding was conducted only on the Cisco service. The furniture purchase is covered by a State of Ohio contract, and the other two vendors are the sole source of the service they provide.

5. Personnel Actions (attached)

Committee on Rules

1. Revision to Rule 3359-1-03 — Committees of the Board

Trustees approved a rule change in response to an NCAA review that adds intercollegiate athletics to the purview of the Educational Policy/Student Affairs Committee.

2. Revision to Rule 3359-11-20 — Conflict Management Requiring President’s Review

Trustees approved a rule change that establishes a process that protects against certain inherent conflicts of interest that result from an individual holding multiple positions within the University’s administration and/or its affiliated entities. The change is in response to a recommendation from the Ohio Ethics Commission.

3. Revision to Rule 3359-47-11 — Protection of Human Subjects

Trustees approved a rule change that removes the term limits for individuals serving on the University’s Institutional Review Board. The change ensures that members who have expertise with compliance issues with regard to human subjects protection laws, regulations and policies may continue this important service for a period longer than two years.

4. Revision to Rule 3359-60-03.1 – Credit by Transfer and/or Examination

Trustees approved a rule change that clarifies the limit for the total number of credit hours of transient work approved with respect to the granting of an associate’s degree.

5. Establishment of Rule 3359-11-10.5 – Cellular Telephone and Other Wireless Communication

Trustees approved a rule change that sets a policy governing employees’ use of cellular telephones and other wireless communications provided by the University. The adoption of such a policy has been recommended by the state auditor for all state universities. UA’s external auditor has made a similar recommendation.

6. Establishment of Rule 3359-11-17.2 – Spousal Hire Policy

This policy is being recommended by the administration to address those situations in which individuals are recruited to a position within the University through a national search who have a trailing spouse with a professional career. This policy would enable the University to offer employment assistance or opportunities to candidates’ trailing spouses when deemed warranted. It would not apply to members of the bargaining unit.

New Business

1. Northeastern Ohio Universities College of Medicine Board Appointment

Dr. Donald E. Demkee was appointed as The University of Akron's Community Representative Trustee to the NEOUCOM Board, replacing Dr. Mark N. Apte, who has served on the board for eight years.

2. Resolutions of Appreciation

Chairman of the Board Donald E. Demkee and Student Trustee James M. Faucett were presented with resolutions commending their service to the University. The terms for both are expiring.

3. Property Purchases

Trustees approved the purchase of real estate at 393 East Exchange Street and at the following addresses on Kathryn Place: 379, 389, 393, and 396.

4. Board Officers for 2005-2006

The Board unanimously approved the recommendation of its nominating committee to elect the following officers for 2005-2006: Dr. John A. Fink, chairman; Dr. William F. Demas and Philip S. Kaufmann, J.D., vice chairmen; Ted A. Mallo, secretary; and Russell D. Sibert, assistant secretary.

Notes

1. **President's Report**

This being the final meeting with Dr. Donald Demkee as a member and chair of the Board, I opened my remarks by thanking him for his leadership, dedication and counsel, and I expressed my desire that he continue to be active in his support of the University.

Board members received copies of the May 18 article in the *Wall Street Journal* that included a prominent photograph of the Student Union. The article described what universities must do to make their campuses more attractive, more functional, and more effective to draw the increasing number of students who are demanding such amenities as recreation centers and student unions, in addition to a high-quality education.

I shared the following highlights with the Board:

- General Motors announced that The University of Akron had earned a second-place overall performance in the first "Challenge X" competition. Challenge X is a worldwide competition among 18 university teams to develop a prototype of GM's Equinox car with

much improved fuel efficiency and lower emissions. Our team of engineering students designed a hybrid vehicle with a flexible design that operates in a purely mechanical mode, a purely electrical mode or a combination of both. Placing first was the University of Waterloo in Ontario, with The Ohio State University placing third. Other participating teams included Pennsylvania State University, University of Michigan, Rose-Hulman Institute of Technology, University of Texas at Austin, and the University of Wisconsin-Madison.

At a recent Board meeting, Dr. George Haritos, dean of the College of Engineering, provided a quantitative assessment of how well our engineering teams have performed over the years, and certainly this second-place finish is further evidence of that.

After the competition, Dr. Haritos received an e-mail from his colleagues at Case Western Reserve University, which read in part: “I wanted first to congratulate you on the FSAE (Formula Society of Automotive Engineers) team and your astounding finish in the FSAE events. And I wanted to let you know that not only is your team a formidable competitor, but that the students involved are a credit to The University of Akron. As you may know, this is the first year that Case competed in the FSAE competition. The Akron team was a great help to our first-year team, and for that, we are most appreciative. The team members from Case and Akron had developed a good working relationship in spite of the competitive nature of the event. This is yet another positive aspect for the FSAE program, and it may hold some hope for regionalism after all.”

- I concluded my report by noting the news media coverage of the many intriguing activities on campus, including articles on the American Arachnological Society’s June symposium on spider silk and a forensic archaeology class that solved a fake murder mystery by unearthing bones and other clues at the Bath Nature Preserve.

2. Next regular meeting

August 10, 2005, 10 a.m., Board Room, Student Union, Third Floor

With every good wish,

Sincerely,

Luis Proenza

**Personnel Transactions Approved by the Board of Trustees
June 22, 2005**

Appointments

Shawn G. Back, supply custodian, Military Science, 05/31/05; **Daniel Baracskey**, assistant professor, Social Science, 08/29/05; **Mary Biddinger**, assistant professor, English, 08/29/05; **Joann Boling**, patrol officer I, University Police, 06/06/05; **Richard A. Carmean**, network engineer, Learning Technologies and Scholar/Learner Services, 05/02/05; **Jayoung L. Choi**, psychology intern, Counseling, Testing and Career Center, 07/01/05; **Daniel J. Coffey**, assistant professor, Political Science, 08/29/05; **Jessica R. Coleman**, technology consultant, Information Technology Services, 04/11/05; **Brooke Croshier**, coordinator, athletics games and operations, Athletics, 07/01/05; **Lisa M. Davis**, psychology intern, Counseling, Testing and Career Center, 07/01/05; **Thad M. Doyle**, assistant director for Greek life, Student Union, 06/08/05; **Michelle Z. Enlow**, instructor, Nursing, 08/29/05; **Megan Moore Gardner**, assistant professor, Education, 08/29/05; **Margaret B. Halter**, associate professor, Nursing, 08/29/05; **Kathy R. Higgins**, assistant professor, Nursing, 08/29/05; **Donald W. Jarvis**, maintenance repair worker, Physical Facilities, 04/18/05; **Chang Do Jung**, postdoctoral research associate, Polymer Engineering, 05/16/05; **Cheryl Kern-Simirenko**, dean, University Libraries, professor, Bibliography, appointment with tenure, 08/29/05; **Jong Min Keum**, postdoctoral research fellow, Polymer Engineering, 04/01/05; **Takashi Kobayashi**, visiting research scholar, Institute of Polymer Science, 03/25/05; **Sureporn Koombhongse**, research associate, Institute of Polymer Science, 05/24/05; **George M. Kovac**, mover, Physical Facilities, 05/23/05; **Michael J. Kulick**, assistant director, co-operative education and internships, Center for Career Management, 05/02/05; **Daoping Lai**, visiting research scholar, Civil Engineering, 04/18/05; **Ronald F. Levant**, dean, Buchtel College of Arts and Sciences, professor, Psychology, appointment with tenure, 08/29/05; **Guifeng Li**, research scholar, Institute of Polymer Science, 05/18/05; **Joseph P. Li Vecchi**, assistant professor, Philosophy, 08/29/05; **Eugene Marchand**, PC software specialist, Hardware Operations and Operating Systems Services, 04/25/05; **Daniel W. Martin**, maintenance repair worker, Physical Facilities, 04/11/05; **Michael F. Mencl**, maintenance repair worker, Physical Facilities, 04/18/05; **Mary E. Messner**, employee training and development specialist, Human Resources, 06/13/05; **Renee Mudrey-Camino**, assistant professor, Education, 08/29/05; **Alejandro Avila Ortega**, visiting scientist, Institute of Polymer Science, 04/04/05; **Brian Radesic**, associate director, Graduate Anesthesia Program, instructor, Nursing, 05/23/05; **Martha R. Reynolds**, employment services assistant, Human Resources, 06/20/05; **Rhonda Rinehart**, archives associate senior, University Libraries Psychology Archives, 06/01/05; **Ryan C. Shubat**, Gold Bar recruiter, Military Science, 05/16/05; **Andrew Thomas**, instructor, Marketing, 08/29/05; **Adil M. Wadia**, assistant professor, Geology, 08/29/05; **Foluso M. Williams**, psychology intern, Counseling, Testing and Career Center, 07/01/05; **Zachery R. Williams**, assistant professor, History, 08/29/05; and **Daren Zywicki**, assistant professor, Civil Engineering, 08/29/05

Changes

Daniel W. Abood, coordinator of athletics facilities and operations emeritus, Athletics, title change from coordinator of athletics facilities and operations, 12/31/04; **David Baker**, director,

Archives – History of American Psychology, professor, Psychology, interim dean, University Libraries, assume interim associate provost title and relinquish interim title of dean of University Libraries, 08/29/05; **Anthony Barnes**, manager, governmental communications, Institutional Marketing, title change from manager, national public relations and associate director, University Communications, 06/01/05; **James C. Benson**, library specialist, University Libraries Circulation, reclassification due to job audit and title change from library associate senior, 01/10/05; **Valerie A. Bloodsworth**, assistant director, Residence Life and Housing, promotion and title change from secretary, 05/01/05; **Constance B. Bouchard**, distinguished professor, History, additional title of department chair, 05/15/05; **Nancy Bracher**, manager, publications, Institutional Marketing, title change from associate director, University Communications, 06/01/05; **Brian Callahan**, assistant football coach, additional title of run game coordinator, Athletics, 05/06/05; **Charles K. Campbell**, master building services worker, Physical Facilities, title change from mover, 04/04/05; **Yolanda Carter**, network engineer, Network and Communications Services, promotion and title change from coordinator, network services, 03/21/05; **Lindgren L. Chyi**, professor, Geology, professor, Civil Engineering, joint appointment with Geology (primary) and Civil Engineering, 08/29/05; **Raymond Cox**, professor, Public Administration and Urban Studies, relinquishing title of department chair, 08/29/05; **Roger B. Creel**, professor emeritus, Physics, professor emeritus, Chemistry, change in retirement date from 06/30/05, 05/31/05; **Chad Cunningham**, patrol sergeant, University Police, promotion and title change from patrol officer II, 06/13/05; **Coleen Curry**, director, Academic Achievement Programs, additional title of special assistant for community engagement, Office of the Senior Vice President and Provost, 04/25/05; **Rachelle X. Davis**, library specialist, University Libraries Circulation, reclassification due to job audit and title change from library associate senior, 01/10/05; **Ellen Deitrick**, coordinator, University Park Alliance, reclassification via job audit and title change from administrative secretary, 06/28/04; **Ashok K. Dutt**, professor emeritus, Geography and Planning, professor emeritus, Urban Studies, title change from professor, 05/31/05; **J. Clayton Fant**, professor, Classical Studies, professor, History joint appointment with Classical Studies (primary) and History, 08/29/05; **Erin C. Farnsworth**, administrative secretary, Cashier's Office, title change from cashier senior, 05/09/05; **Kris Feagan**, supervisor, employment services, Human Resources, promotion and title change from coordinator/recruiter, employment services, 06/01/05; **Dave M. Forshee**, assistant facilities manager, Wayne College Physical Plant, title change from facilities maintenance worker, 7/01/05; **Richard A. Golden**, custodial superintendent, Physical Facilities, title change from master building services worker, 02/21/05; **Margaret I. Gruccio**, college lecturer, emeritus, title change from college lecturer, 05/31/04; **Michael E. Ickes**, computer support assistant, Wayne College Dean's Office, promotion and title change from technical specialist, 04/04/05; **Christina Klespies**, coordinator/recruiter employment services, Human Resources, reclassification via job audit and title change from coordinator employment services, 05/31/05; **Katherine Kline**, administrative assistant, Development, reclassification via job audit and title change from secretary, 03/07/05; **Gerald F. Koser**, distinguished professor emeritus, Chemistry, title change from distinguished professor, 05/31/05; **Jodi Krantz**, patrol officer II, University Police, title change from patrol officer I, 07/26/05; **Debora L. Kucharski**, academic adviser II, Summit College Dean's Office, transfer from College of Business Administration Dean's office and title change from academic adviser, international, 05/02/05; **Peter J. Leahy**, professor emeritus, Public Administration and Urban Studies, title change from professor, Public Administration and Urban Studies, center associate, Center for Urban Studies, director, Public

Services Research and Training, 05/31/05; **Paul Levy**, professor and department chair, Psychology, associate director, Center for Organizational Research, fellow, Institute for Life-Span Development and Gerontology, change from associate department chair, 07/01/05; **Elizabeth F. Lynch**, sales/marketing/events assistant, E. J. Thomas Performing Arts Hall, appointment basis change from part time to full time, 03/07/05; **David Lyngholm**, general manager, food services, Dining Services, promotion and title change from manager, food services, 05/16/05; **Jamie L. McKinley**, patrol officer II, University Police, promotion and title change from patrol officer I, 03/08/05; **Jason Mize**, interim building maintenance superintendent, Physical Facilities, title change from master carpenter, certified, 04/04/05; **Marcia Nicholson**, library specialist, University Libraries Circulation, reclassification due to job audit and title change from library associate senior, 01/10/05; **David A. Palmer**, interim associate director, maintenance and operations, Physical Facilities, title change from building maintenance superintendent, 04/01/05; **Valerie R. Pitre**, office assistant, Office of the Senior Vice President and Provost, end date change from 06/03/05, 07/15/05; **Nancy Pitre-Jasko**, administrative assistant, Office of the President, appointment basis change from part time to full time, 04/04/05; **Rose Resler**, instructor, Family and Consumer Sciences, title change from visiting instructor, 08/29/05 (corrected from the May 16 memo); **Melinda R. Roembke**, coordinator of projects, Nursing, transfer from Controller's Office and title change from accountant, 05/09/05; **Raymond E. Sanders**, professor emeritus, Psychology, title change from professor, Psychology, senior fellow, Institute for Life-Span Development and Gerontology, 05/31/05; **Craig E. Schraft**, mover, Physical Facilities, promotion and title change from field service worker, 04/04/05; **Thomas Seelye**, integrated electronic technician, Physical Facilities, title change from electrician, 01/01/04; **John D. Spinner**, assistant director, Institutional Marketing, creative director, title change from creative director, 06/01/05; **Linda M. Subich**, professor, Psychology, fellow, Institute for Life-Span Development and Gerontology, relinquishing title of department chair, Psychology, 06/30/05; **Stancy Sykes-Cade**, academic adviser II, Summit College Dean's Office, transfer from College of Business Administration Dean's Office and title change from education specialist, 05/02/05; **Kristin M. Thomas**, academic adviser II, Academic Advisement Center, title change from academic adviser I, 05/09/05; and **Ernst Von Meerwall**, associate dean, Polymer Science and Polymer Engineering, distinguished professor, Polymer Science, distinguished professor, Physics, distinguished professor, Chemistry, faculty research associate, Institute of Polymer Science, joint appointment with Chemistry, 07/01/05.

Separations

Vickie L. Bercsik, student loan specialist I, Student Financials, 04/08/05; **Tim Berenyi**, head baseball coach, Athletics, 07/31/05; **Valerie J. Blake**, enrollment services associate, Registrar, 03/18/05; **Carol Brantley**, administrative assistant, History, 04/29/05; **Deana Burrill Chupp**, account executive, sales, Wayne College, 04/30/05; **Anthony Eaglowski, Jr.**, adjunct assistant professor, Military Science, 04/08/05; **James Elder**, general maintenance worker, Wayne College, 05/13/05; **Robert D. Fraley**, building maintenance superintendent, Physical Facilities, 04/15/05; **Susan Gainer**, interim assistant director, Greek life, Student Union, 05/20/05; **Cindy L. Gessel**, office assistant, Office of the President, 06/30/05; **Brandon M. Gregory**, assistant building services worker, Recreation and Wellness Services, 03/17/05; **Charlene S. Harner**, director, Development, 05/06/05; **Elizabeth A. Hawke**, secretary, Admissions (deceased),

03/24/05; **Dan Hipsher**, assistant to the vice president, Public Affairs and Development, 06/30/05; **Nancy E. House**, coordinator, academic advising, Athletics, 07/01/05; **Todd R. Kauffman**, unit recruiting officer, Aerospace Studies, 04/29/05; **Gerald F. Koser**, distinguished professor, Chemistry, 05/31/05; **Jeanie A. Kramer**, delivery worker, Mailing Services, 05/31/05; **Nick T. Kurucz**, webmaster, Education Dean's Office, 06/30/05; **Keith R. Lavery**, patrol sergeant, University Police, 04/17/05; **Peter J. Leahy**, professor, Public Administration and Urban Studies, center associate, Center for Urban Studies, director, Public Services Research and Training, 05/31/05; **Yubiao Liu**, postdoctoral research associate, Institute of Polymer Science, 03/28/05; **Nola B. Lowther**, assistant professor, Nursing, 05/14/05; **Mauricio Mata**, assistant professor, technical mathematics, Associate Studies, 06/18/05; **Jeffrey D. Newman**, patrol sergeant, University Police, 06/12/05; **Betty J. Palmer**, secretary, International Programs, 09/30/05; **Louis M. Poda**, master building services worker, Physical Facilities, 06/30/05; **Douglas W. Pyle**, patrol officer I, University Police, 05/02/05; **Raymond Sanders**, professor, Psychology, senior fellow, Institute for Life-Span Development and Gerontology, 05/31/05; **Stacie Sandrock**, employment services assistant, Human Resources, 05/27/05; **Beth A. Steiner**, assistant professor, general technology, Engineering and Science, 05/14/05; **Susan Stock-Ward**, assistant director, Counseling, Testing and Career Center, training, 07/29/05; **Thomas Swank**, building services worker, Physical Facilities (deceased), 05/09/05; **Tonya S. Switzer**, office assistant, Admissions, 05/02/05; **Bruce Vernyi**, senior PR representative, Institutional Marketing, 05/06/05; **Erica M. Windler**, assistant professor, History, 08/29/05; and **Jianping Zhu**, professor, Applied Mathematics, department chair, Theoretical and Applied Mathematics, professor, Civil Engineering, 08/27/05.