Provost’s Faculty Update
May, 2013

It has been another successful year. The year ended with a celebratory faculty/trustee dinner to recognize and honor the accomplishments of our faculty members. At this dinner we welcomed our newly tenured faculty into our ranks and also recognized all those faculty members who had been promoted at the Board of Trustees meeting earlier that day. It is my thought that this should become an annual celebration where trustees can meet and show their appreciation of our faculty members. This year we also honored our Distinguished Professors at the dinner, with each receiving a gold medallion similar in style to the silver medallions that are given to our endowed chair professors.

Administrative Changes

As the academic year ends and another begins, it is time for me to update all of you on a number of administrative changes that will begin on June 1.

- The College of Science and Letters will become the College of Science.
- The College of Psychology will become the Department of Psychology and will have a new Department Head – Professor Ronald Landis, the Nambury S. Raju Professor of Psychology.
- The College of Human Sciences begins activities on June 1 and will include the Departments of Psychology, Humanities and Social Sciences. Professor Ellen Mitchell will serve as the initial Dean of this college. A search for the next Dean will begin over the summer.
- The School of Applied Technology, with three tenured faculty members, acquired academic unit status and will form its first department – The Department of Food Science and Nutrition. Initially, Professor Robert Brackett, who is also the director of the Institute for Food Safety and Health, will serve as the department chair.
- Professor Christopher White will serve as the Vice Provost for Academic Affairs and will have responsibility for both graduate and undergraduate academic affairs. The Graduate College will also report to Professor White.
- Vice Provost Michael Gosz will oversee Admissions and Financial Aid with responsibility for both graduate and undergraduate admissions.
- Professor Dennis Roberson is the Vice Provost for Research (effective January 1, 2013).

Promotions

The following faculty members have been promoted and/or given tenure:

Associate Professor with tenure

- Sean Keller, Architecture
- Kyuwon Choi, Electrical and Computer Engineering
- Erdal Oruklu, Electrical and Computer Engineering
• Yang Xu, Electrical and Computer Engineering
• Matthew Spenko, Mechanical, Materials and Electrical Engineering
• Igor Cialenco, Applied Math
• Christopher Buccafusco, Law

Professor

• Vedran Mimica, Architecture
• Eric Brey, Biomedical Engineering
• David Mogul, Biomedical Engineering
• Philip Troyk, Biomedical Engineering
• Javad Abbasian, Chemical and Biological Engineering
• Vijay Ramani, Chemical and Biological Engineering
• Xiaofan Li, Applied Math
• Shlomo Argamon, Computer Science

Emeritus/Emerita Status

The following faculty members were awarded emeritus/emerita status:

• Professor Warren Edelstein, Applied Math
• Professor Peter Lykos, Chemistry
• Professor Demetrios Moschandreou, Environmental Engineering
• Professor H. Larry Scott, Physics
• Professor Margaret Stewart, Law

University Teaching and Research Awards

The following faculty members have received significant recognition by the university in the last year:

University Teaching Awards

2013 University Excellence in Teaching Award
Christopher Buccafusco, Assistant Professor of Law

2013 Bauer Family Award for Excellence in Undergraduate Teaching
Liad Wagman, Assistant Professor of Economics

College/School Teaching Award Winners

• Armour College of Engineering – Javad Abbasian, Chemical and Biological Engineering
• College of Psychology – Nicole Ditchman
• College of Science and Letters – Margaret Power, Humanities
• School of Applied Technology – William Maurer

Sigma Xi Awards

• Senior Faculty Award – Christopher White, Physics
• Junior Faculty Award – Yu Cheng, Electrical and Computer Engineering
Updating the Strategic Plan

Currently, we are updating our strategic plan, and on May 22, the high level goals were discussed with our Board of Trustees. Our goal is to complete the update of our plan by October, 2013. Our vision and mission have not changed but our major priorities are as follows:

1. Grow and develop the student body
2. Promote innovative thinking and excellence throughout the university
3. Elevate IIT’s visibility and reputation
4. Enhance IIT’s facilities, infrastructure and environments
5. Develop resources to enable progress
6. Strengthen all of IIT’s Colleges/Schools

As a method of better understanding the priorities, the following descriptions were also discussed with the board.

Grow and develop the student body

- Build a truly distinctive IIT education
  - Develop academic programs and strategies that distinctively define IIT graduate
    - by adding, for example, design, law and business components to the undergraduate education
  - Establish and operate an Innovation Center that attracts and develops faculty and students who aspire to become the leaders, innovators, and entrepreneurs of the future.
  - Increase the number of interdisciplinary co-terminal degree programs
- Balance the university population
  - Increase the undergraduate population to 4000 and to 50% of the student body on the Mies Campus
  - Stabilize the graduate population at 5000 (4000 Mies Campus)
- Increase retention, graduation rate and student placement
  - Increase retention rate to 95% in all years
  - Increase 6 year undergraduate graduation rate to 75%
  - Exceed the AITU placement average of 90% per year for all graduates
- Increase the worldwide alumni population that supports and promotes the university

Promote innovative thinking and excellence throughout the university

- Promote Innovation across the university among faculty, students and staff
  - Build the Innovation Center
    » Facilitate an environment for collaboration and interdisciplinary innovation
    » Link the IC to the regional and global innovation networks
– Continue to improve the Entrepreneurship and Leadership Academies
– Initiate the Teaching and Learning Center
– Develop IPRO 3.0
– Increase internationally recognized faculty scholarship
– Enhance university processes to exemplary levels
– Focus on personnel development and diversity enhancements
  – Increase faculty, staff and student diversity
  – Develop and retain the best diverse workforce

Elevate IIT’s visibility and reputation
– Improve University Ranking
  • Develop plans to elevate individual college/school, program/discipline rankings and move the university into top 100 in the USNWR
  • Focus on continuous improvement of retention, graduation and placement statistics
  • Develop our graduates to be successful globally
  • Engage alumni and leverage their success to benefit the university
– Establish and enhance specific areas of renowned academic and research excellence
  • Develop areas of scholarship that are globally recognized
  • Become a center for innovation and excellence in technology and the professions
  • Increase partnerships with other universities, national labs and industry
– Develop a robust marketing strategy based on IIT’s strengths and achievements to improve our reputation and recognition
  • Recognize stellar individual and group accomplishments of faculty, students and alumni
  • Improve our University stature locally, nationally and globally

Enhance IIT’s facilities, infrastructure and environments
– Improve and Update Facilities, Technology and Infrastructure
  • Continue improvement of classrooms, libraries, research laboratories, athletic facilities, collaborative spaces, offices, residential housing, etc.
  • Implement and leverage technology to enhance academic, research and business objectives
  • Continue to upgrade all of our campus structures by strategic and continuous maintenance and renewal
– Focus on improving our Communities and Environments
  • Continue improvement of the residential community to provide an extraordinary campus experience
  • Increase outreach, partnership with companies, internships, and support of Chicago and Illinois initiatives
  • Increase the involvement of current students, worldwide alumni, the local community and businesses globally in the future of the university
• Initiate new activities on each of our campuses to increase student engagement with each other, the university and its worldwide community

**Develop resources to enable progress**

• Achieve / exceed campaign goal of $250M
• Grow the endowment
• Increase tuition revenue
  – Increase average net tuition revenue per student
  – Increase on-line revenue by 100% in five years
  – Increase summer revenue by 50% in five years
• Increase research volume and the percentage of faculty who contribute to externally funded projects
• Monitor and control expenditures to ensure efficiency and effectiveness of operations
• Make strategic investments that will enable university growth and progress

**Strengthen all of IIT's Colleges/Schools**

– Elevate Engineering to international stature
– Enhance the international stature of both Design and Architecture
– Develop another area of international prominence within Stuart
– Develop additional areas of national prominence and grow areas of international recognition at Kent, Science, Human Science and SAT
– Develop areas of interdisciplinary strength where colleges, schools and institutes collaborate in both education and research

The plan update is a living document and there is a webpage where input on the plan is welcomed. The various participants and working groups can be found at the Strategic Plan update web page entitled “Moving Forward” [http://www.iit.edu/MVOVMF/?p=91](http://www.iit.edu/MVOVMF/?p=91).

The faculty members on the committee by college are:

• Frank Flury, Architecture
• John Bilson, Business
• Bartram Brown, Law
• Leon Shaw, Engineering
• Ron Landis, Human Sciences
• Vijay Kumar, Design
• Jason Wan, Applied Technology
• Shlomo Argamon, Science