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Subject: ONTrack - August 17, 2006
Date: August 17, 2006 3:58:39 PM EDT
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ONTrack is an e-bulletin sent to Tenure Track Faculty, Faculty Mentors, Department Chairs, Deans, and Key University Administrators containing information about resources for faculty development and opportunities for scholarship and effective teaching. Please respond to this email with topics you would like to see here. ONTrack is archived at: <http://www.facultymentoring.neu.edu>. Regards, Sara Wadia-Fascetti

Topics:

- 1) **Congratulations!**
- 2) **2006 - 2007 Faculty Mentoring Program Activities**
- 3) **Scientific Fraud - Not New, Not Rare, But Also Not Common**
- 4) **A Model for Interdisciplinary Graduate Education**
- 5) **Effective Teaching**
- 6) **Employee Assistance Program**
- 7) **Faculty Kudos**
- 8) **Upcoming Events & Deadlines**

1) Congratulations to faculty who received tenure this past year. Professor Robert Fried (Education); Professor William Hancock (Chemistry); Professor Carol Garber (Cardiopulmonary Science); Professor Vanessa Johnson (Counseling & Applied Psychology); Professor Felicia Lassk (Marketing); Professor Javed Aslam (Computer & Information Science); Professor Guevara Noubir (Computer & Information Science); Professor Phil He (Criminal Justice); Professor Carolyn Parsons-Lee (Chemical Engineering); Professor Yong-Bin Kim (Electrical & Computer Engineering); Professor Vincent Harris (Electrical & Computer Engineering); Professor Sinan Muftu (Mechanical & Industrial Engineering); Professor Libby Adler (School of Law); Professor Margaret Burnham (School of Law); Professor Martha Davis (School of Law)

2) 2006 - 2007 Faculty Mentoring Program Activities. A final schedule of events will be distributed in the near future. Two additional activities are introduced to this year's schedule of events. A Tenure & Promotion Workshop will be introduced into the Fall Semester for faculty who are in the early years of their tenure track appointment. This Fall workshop will focus on preparing for the 3rd/4th year review, and the Spring workshop will continue to focus on preparing the Tenure & Promotion Dossier. A Brown Bag Lunch Series entitled "Balancing It" will meet 4 - 5 times during the year to provide an informal forum to discuss and share strategies for balancing teaching, research, service, and personal lives. The Fall luncheon will focus on research proposal development support that is available to your proposal writing and research activities.

3) Scientific Fraud - Not New, Not Rare, But Also Not Common. Earlier this year Science retracted two previously published papers after it was discovered that the data were fabricated. There are implications to co-authors who may not be from the same lab guilty of the fraud. While fabricating laboratory data may be an uncommon occurrence, there has also been numerous claims or cases involving plagiarism by graduate and undergraduate students in the news. See Tomorrow's Professor Msg. #705 SCIENTIFIC FRAUD - NOT NEW, NOT RARE, BUT ALSO NOT COMMON at: <http://ctl.stanford.edu/Tomprof/postings/705.html>.

4) A Model for Interdisciplinary Graduate Education. Our rapidly changing world makes new demands on how we educate society's future leaders, and challenges academics to use knowledge and technology to benefit society. There is a demand for leaders with "cross-disciplinary skills and disciplinary depth" who can effectively communicate ideas and understand the broader political and policy issues. See Tomorrow's Professor Msg. #713 A GRADUATE EDUCATION FRAMEWORK FOR TROPICAL CONSERVATION AND DEVELOPMENT at: <http://ctl.stanford.edu/Tomprof/postings/713.html>.

5) Effective Teaching. As you gear up for fall teaching you may want to consider one of the Center for Effective University Teaching (CEUT) programs. Each term, a cross-disciplinary group of NU faculty meets to discuss a book on the art and/or science of teaching. The book to be discussed for the fall is entitled, "The Way of the Teacher" by J. M. Haile. Across campus NU faculty meet in small reflective practitioner groups to discuss their teaching as a means of pedagogical improvement. Contact CEUT (ceut@neu.edu or x8583) for more information about how to form, facilitate, or join a teaching circle or book group.

6) Employee Assistance Program. The Employee Assistance Program (EAP) provides resources to help balance home and work

lives. Benefits include: referral services for child and elder care; assistance to resolve personal problems of employees and their families; counseling services provided by licensed clinical professionals; and on-line resources to comprehensive recommendations related to a wide variety of work/life and health issues. You can access the EAP website at: <http://www.achievesolutions.net/neu>.

7) Faculty Kudos. Let us know your accomplishments & activities by completing the brag form at: http://www.facultymentoring.neu.edu/faculty_highlights/brag_form. Share book agreements, conferences, grants received, student accomplishments, and awards. Completing this form sends information to ONTrack and to the Northeastern Voice.

* **Professor Becky Rosengaus** (Biology) was honored at the White House on July 26 as one of the nation's top young scientists and recognized with a Presidential Early Career Award for Scientists and Engineers (PECASE). Professor Rosengaus studies the influence that pathogens and parasites have had on the evolution of breeding strategies in a neo-tropical termite species. This research leads to technologies that will reduce the need for toxic chemicals. More information about this award and a photo of Becky at the White House is available at: <http://www.facultymentoring.neu.edu>.

* **Professor Penny Beuning** (Chemistry) has been selected as the recipient of a 2006 Camille and Henry Dreyfus Foundation New Faculty Award. This prestigious award is given to 12 new faculty who demonstrate the potential to produce an independent body of scientific scholarship of outstanding quality and will make significant contributions to overall education in the chemical sciences. Professor Beuning joins faculty from Columbia, Cornell, Georgia Tech, Purdue, University of Illinois, University of Minnesota, and Iowa State. More information about her research is available at: <http://www.chem.neu.edu/web/faculty/Beuning.html>.

* **Professor Purnima Ratilal** (Electrical & Computer Engineering) has received the 2006 R. Bruce Lindsay Award. This award is presented each spring to a member of the Acoustical Society of America who is under 35 years of age. Recipients must have contributed substantially through published paper to the advancement of theoretical or applied acoustics or both. The award is granted biannually. More information about Prof. Ratilal and her research is available at: <http://www.ece.neu.edu/facbio/ratilal>.

* **Professor Latika Menon** (Physics) and her team received a National Science Foundation funded Nanoscale Exploratory Research (NER) award to study nano-biodevices for reliable, long-term stimulation and recording of neural activity. More information about this project is available at: <http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=0608892>. Read more about Prof. Menon's research at: <http://www.physics.neu.edu/Department/Vtwo/faculty/menon.htm>.

* **Professor Nian Sun** (Electrical & Computer Engineering) and his team received a National Science Foundation grant to join a Materials World Network project with the National Laboratory of Solid State Microstructures at Nanjing University in China to develop novel low-temperature wet-chemical processing methods for self-assembled magnetoelectric nanocomposite films. More information about the project is available at: <http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=0603115>. Prof. Sun's website is: <http://www.ece.neu.edu/facbio/sun/index.html>.

8) Upcoming Events & Deadlines.

* **August 22, 2006 (Tuesday).** EdTech Workshop: Blackboard - Beyond the Basics 8/22 10:00am - noon at 50 Dockser. Advanced registration is required at: <http://www.edtech.neu.edu/workshops/schedule>.

* **September 4, 2006 (Monday).** President's Convocation at 11am in Matthews Arena.

* **September 26, 2006 (Tuesday).** CEUT Workshop: Don't Give Up the Ship: Holding the Line on Grading. Professor Susan Sieloff (Marketing) 9/26 3-4:30pm in 333 Curry Student Center.