



**UC DAVIS**  
HEALTH SYSTEM

# Faculty Development Newsletter

Issue II, No. III Spring 2006

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## Upcoming Events

Additional information and registration for upcoming events can be found on the Faculty Development Website. For additional questions contact the Faculty Development Office (916) 703-9183.

- 4/05 Women's Leadership Institute: A Close Look at Power and Influence
- 4/10 Teaching, Learning and Technology Workshop (1<sup>st</sup> of 5 sessions)
- 4/13 Diversity Meeting with Joseph Betancourt, M.D., M.P.H.
- 4/20 The Leadership Edge: Faculty and Staff Teams (2 half days)
- 5/02 Workshop: Faculty Merits, Promotions and Tenure
- 5/03 Women's Leadership Institute: A Close Look at How We Look
- 5/08 Breakfast with the Dean
- 5/09 Women in Medicine Event
- 5/10 Diversity Meeting with Robert C. Like, M.D., M.S.
- 5/18 The Leadership Edge: Managing Difficult Conversations (1 ½ day)
- 6/08 The Leadership Edge: Storytelling and the Making of Meaning
- 6/12 Breakfast with the Dean

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## Team Based Learning Seminars to be held May 3<sup>rd</sup> and May 4<sup>th</sup>

As we explore acceptable alternatives to lectures, you might want to consider a teaching method called Team-Based Learning (TBL) that has become increasingly popular in medical schools. To facilitate our understanding of TBL, two half-day workshops have been scheduled:

- Wednesday, May 3, 8:00 - 11:30 at the Medical Education Center (UC Davis Medical Center)
- Thursday, May 4, 8:00 - 11:30 at Tupper Hall (Davis campus)

For more information on these seminars please contact Jardai Alley at [jalley@ucdavis.edu](mailto:jalley@ucdavis.edu).

Both sessions will be lead by Dr. Dean Parmelee, who has conducted many faculty development workshops at various meetings including the AAMC and at other medical schools. He is Associate Dean for Academic Affairs at the Boonshoft School of Medicine - Wright State University and Professor of Psychiatry and Pediatrics. He has edited two textbooks, authored or co-authored numerous publications in child psychiatry and in medical education. At the Boonshoft School of Medicine, he has pioneered Team-Based Learning (TBL) throughout its pre-clinical curriculum as an alternative and supplement to lecture-based teaching and to enhance medical student active learning and teamwork.

Team-Based Learning (TBL) is an instructional strategy based on procedures for developing high performance learning teams that can dramatically enhance the quality of student learning by:

- Enhancing problem-solving skills
- Replacing or reducing lecture time
- Ensuring that students come prepared and on time to class
- Creating a remarkable amount of energy in the classroom
- Promoting teamwork and associated interpersonal and communication skills

Team-Based Learning (TBL) is a well-defined instructional strategy developed by Dr. Larry K. Michaelsen that is now being used successfully in health professions education at over 50 institutions. The Team-Based Learning method allows a single instructor to conduct multiple small groups simultaneously in the same classroom.

Learners must rigorously prepare for sessions, then, actively participate in their team deliberations and decision-making during class. Class time is shifted away from learning facts and toward application and integration of knowledge. The instructor determines the content to be mastered and creates problems that must be solved through critical thinking and the use of the 'brainpower' of all team members. Team-Based Learning affords the opportunity for the assessment of both an individual's and a team's academic performance and the evaluation of how well students work collaboratively.

For more information on Team Based Learning, including texts, peer-reviewed articles, video demonstrations, and other resources visit: <http://www.med.wright.edu/aa/facdev/TBL/index.htm>

## Faculty Development Website

<http://som.ucdavis.edu/fs/facultydevelopment>

## Diversity Seminar April 13<sup>th</sup>

The Diversity Advisory Council invites all faculty to attend a special program featuring Joseph Betancourt, MD, MPH on April 13, 2006 from 11:30 am – 1:30 pm.

Dr. Betancourt is a Senior Scientist at the Institute for Health Policy and Program Director of Multicultural Education at Massachusetts General Hospital.

Dr. Betancourt's primary interests include cross-cultural medicine, minority recruitment into the health professions, and minority health / health policy research. He has served as Principal or Co-Investigator on grants from the Center for Medicare and Medicaid Services the Commonwealth Fund, and the California Endowment. Dr. Betancourt has written articles on topics including racial / ethnic disparities in health and healthcare; hypertension, diabetes, and cerebrovascular disease in minority populations; cross-cultural care and education; ethics; workforce diversity; clinical decision-making; and the impact of language barriers on health care.

Watch your email for more details concerning his presentation, or contact Faculty Development.

## Mark Your Calendar Dean's Lecture Series

- 9/25/06 Dr. Joan Y. Reede
- 3/21/07 To Be Announced
- 9/26/07 To Be Announced

**Dr. Joan Y. Reede** will be our inaugural speaker for the Dean's Lecture Series. This event will be held on **September 25, 2006** in the MIND Institute Auditorium. The event will begin at 3:30 pm with an introduction by Dean Pomeroy. Dr. Reede will lecture on Diversity and Community Partnerships. An open mic question and answer session will occur, followed by a reception at 5:30 pm.

Joan Y. Reede, MD, MPH, MS is a Dean for Diversity and Community Partnership at Harvard Medical School. More info about Dr. Reede is available at <http://www.hms.harvard.edu/office/reede.html> or [http://www.nlm.nih.gov/changingthefaceofmedicine/physicians/biography\\_261.html](http://www.nlm.nih.gov/changingthefaceofmedicine/physicians/biography_261.html)

## UC Davis Receives Grant from Howard Hughes Medical Institute

The UC Davis School of Medicine is among 13 innovative graduate programs in the nation to receive funds from the Howard Hughes Medical Institute to foster the translation of basic science discoveries into new medical treatments. The goal of the \$10 million national initiative is to train scientists with a better understanding of medicine so they are better equipped to conduct research that benefits the diagnosis and treatment of human disease. "Grants that support the training of scientists who know the process and language of medicine are crucial to bridging the information gap and finding innovative solutions to human health problems," said Ann Bonham, Executive Associate Dean for Research and Education at the School of Medicine and principal investigator of the grant.

## New Department Chairs Selected

**Nathan Kuppermann**, professor and vice chair for research in the UC Davis Department of Emergency Medicine, has been selected as chair of the department, effective Jan. 1.

Kuppermann has more than 20 years of clinical, research and administrative experience in academic medicine. He began his career in 1985 as a resident in the Department of Pediatrics at Harbor-UCLA Medical Center and completing an Emergency Medicine Fellowship at Children's Hospital in Boston and an MPH at the Harvard School of Public Health.

In 1994, UC San Diego School of Medicine appointed Kuppermann as an assistant professor, starting his academic career in pediatric emergency medicine. In 1995, UC Davis recruited Kuppermann to the emergency medicine faculty, where he has been ever since.

In 2001, Kuppermann helped begin the Pediatric Emergency Care Applied Research Network (PECARN) as one of five principal investigators of the network and the first and current chair of the PECARN Steering Committee. The PECARN is the first federally funded multi-institutional network for research in pediatric emergency medicine. The goal of this network is to conduct meaningful and rigorous multi-institutional research into the prevention and management of acute illnesses and injuries in children and youth across the continuum of emergency medicine health care.

**Christopher P. Evans**, a member of the UC Davis School of Medicine faculty since 1997, has been appointed chair of the Department of Urology.

Evans received his medical degree from Dartmouth Medical School, completed residencies and research fellowships in urology and surgery at UCSF and a fellowship in urologic oncology at the University of Texas, M.D. Anderson Cancer Center. He served for two years as chief of experimental surgery at Walter Reed Army Institute of Research in Washington, D.C.

With research funding from the National Institutes of Health, U.S. Department of Defense and American Cancer Society, Evans maintains an active research laboratory focusing on prostate cancer. He is director of Urology Research Laboratories at UC Davis, co-director of the UC Davis Genitorurinary Oncology Clinical Trials Group and a member of the UC Davis Cancer Center.

## **Building Interdisciplinary Research Careers in Women's Health (BIRCWH)**

The School of Medicine is the recipient of an NIH-sponsored Building Interdisciplinary Research Careers in Women's Health (BIRCWH) Program. The \$2.1 million career-development program will provide mentored Ph.D and M.D. faculty with multidisciplinary training to ensure that they establish independent biomedical research careers in areas relevant to women's health and will create an environment that nurtures non-traditional interdisciplinary collaborations in focused and interactive research areas that are essential to improving the health of women. Established researchers will mentor junior faculty in one of four interacting areas of women's health:

- neuroscience and neurodegenerative diseases and their disproportionate impact on females
- metabolic and nutrition-related syndromes and their repercussions on women
- cardiovascular science and its relationship to gender
- lifespan biology and transitions, such as early development, adolescence, and menopause, that bring unique risks to females.

Interdisciplinary Women's Health Research (IWHR) scholars in the BIRCWH program will devote a minimum of 75% of their professional time to women's health research studies and to developing an independent, federally-funded research program. The grant will provide 75% salary support for up to two years for Ph.D. scholars (maximum \$75,000) and up to three years for M.D. scholars (maximum \$75,000). In addition, scholars will receive \$10,000 for supplies and \$1,000 for travel.

## **2006 BIRCWH Scholars**

Six UC Davis faculty have been selected to participate in this program.

**Lesley M. Butler, MSPH, PhD,**  
Assistant Adjunct Professor  
Public Health Sciences  
Division of Epidemiology  
School of Medicine  
Mentor: Ellen Gold

Dr. Butler received an MSPH in 1998 and PhD in 2001 from the University of North Carolina at Chapel Hill. Following completion of her PhD degree, she served as a postdoctoral fellow at the National Institute of Environmental Health Sciences. She was appointed an Assistant Professor in the Department of Public Health Services, Division of Epidemiology, at UC Davis in 2003. Dr. Butler is pursuing research in inflammation, inflammatory mediators and mammographic density during the menopausal transition.

**Diana Cassady, PhD,**  
Assistant Adjunct Professor  
Public Health Sciences  
Division of Epidemiology  
School of Medicine  
Mentor: Ellen Gold

Dr. Cassady earned an MPH in 1989 and a PhD in 1994 in Health Education at the University of California, Berkeley, following completion of her MA degree in Communication in 1987 at Stanford University. In 1994 she accepted a position as an evaluation specialist in the Cardiovascular Disease Outreach program with UC San Francisco and the Department of Health Services, becoming Acting Director in 1997 and Associate Director in 1999. In 2001, she was appointed Assistant Adjunct Professor in the Department of Public Health Services, Division of Epidemiology, School of Medicine, at UC Davis. Dr. Cassady will focus her research on the dietary predictors of menopausal symptoms.

**Donna DeFreitas, MD,**  
Assistant Professor of Clinical  
Medicine

Internal Medicine  
Division of Infectious Disease  
School of Medicine

Lead Mentor: Edward Callahan  
Co-Mentor: Jill Joseph

Dr. DeFreitas received her MPH from the University of California at Davis and her MD from the University of Virginia at Charlottesville. Following the completion of her MD degree, she completed a residency in internal medicine at the Good Samaritan Hospital in Phoenix, Arizona. After serving as a staff physician at the Veterans Hospital in Phoenix and as an associate physician with the UC Davis Health System, Dr. DeFreitas was appointed Assistant Professor of Clinical Medicine in the Division of Infectious Diseases, School of Medicine, at UC Davis. The focus of her research is the identification of risk factors for HIV infection in African-American females to tailor and adapt existing prevention interventions to maximize their impact on this population.

**Lorena Garcia, DrPH, MPH,**  
Assistant Professor of Chicano  
Studies

College of Letters and Science  
Lead Mentor: Adela de la Torre  
Co-Mentor: Ellen Gold

After receiving her MPH in Epidemiology/Biostatistics at Boston University, MA, in 1995, Dr. Garcia earned her PhD degree in 2002 in Epidemiology at the University of California, Los Angeles. After serving as a postdoctoral scholar for one year, she was appointed Assistant Professor of Chicano Studies at the University of California, Davis. Dr. Garcia will study obesity, diabetes, and health related complications among Mexican American women.

**Marjorie Solomon, PhD, MBA,**  
Assistant Clinical Professor  
Psychiatry and Behavioral Sciences  
Mentor: Cameron Carter

Dr. Solomon received her MBA degree in 1985 from Stanford University. After working in business and finance for a number of years, she enrolled at the University of California, Berkeley and completed her PhD in 1999 in Psychology. She served as a Psychology Fellow at the UC Davis Medical Center and was appointed Assistant Clinical Professor in the Department of Psychiatry and Behavioral Sciences and the MIND Center at the University of California, Davis, in 2003. Dr. Solomon will examine autism spectrum disorders in girls aged 8 to 18.

**Wei Yao, MD,**  
 Assistant Adjunct Professor,  
 Internal Medicine  
 Division of Rheumatology  
 Lead Mentor: Nancy Lane  
 Co-Mentor: Judith Turgeon  
 Dr. Yao received her MD degree from Hunan Medical University in 1992. She subsequently completed her residency at the Beihai Hospital, and served as a Clinical Fellow in internal medicine at the 2nd Afflict Hospital of Xianya Medical University in China. In 1997, Dr. Yao accepted a postdoctoral fellowship at the University of Utah. In 2001, she was appointed a research associate in the Division of Rheumatology at the University of California, San Fran-

cisco and in 2004 was appointed as a research scientist in the VA Palo Alto Health Care System. In 2005, Dr. Yao was appointed Assistant Adjunct Professor in the Division of Rheumatology, Internal Medicine, at the University of California, Davis. She plans to continue her research in osteoporosis, more specifically on wingless signaling and its relationship with the pathogenesis of osteoporosis.

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