



ALL UNIVERSITY
Celebration of
RESEARCH, SCHOLARLY,
AND CREATIVE ACTIVITY

April 23, 2009

The Pointe at Walter Pyramid

CALIFORNIA STATE UNIVERSITY, LONG BEACH

Program

Program

Welcome – James A. Till

Interim Associate Vice President for Research and External Support

Provost's Welcome – Karen L. Gould

Provost and Senior Vice President for Academic Affairs

Award Presentations

Outstanding Graduate Research Student: Ricardo Gallardo-Macias

Outstanding Undergraduate Research Student: Jennifer Pearson

Provost's Awards for Outstanding Faculty Mentor for Student Engagement in Research, Scholarly, and Creative Activity:
Ralph Rozenek, Ph.D. and Kim-Phuong L. Vu, Ph.D.

Provost's Award for Impact Accomplishment of the Year in Research, Scholarly or Creative Activity: Charles H. Webb, Ph.D.

PI Hall Of Fame Presentations – CSULB Foundation

Closing Remarks – James A. Till

Faculty

Faculty Recognition

Provost's Award for Impact Accomplishment of the Year in Research, Scholarly, and Creative Activity

Charles H. Webb, Ph.D. has published an impressive and prodigious body of work over the past 18 months. Webb published 76 individual poems in *first-rate literary journals*, including *The Ledge*, *Connecticut River Review*, *Atlanta Review* and *Los Angeles Review* and had 12 poems re-printed in anthologies from publishers such as Alfred A. Knopf, MTV Books, and Texas Christian University Press.

Webb's poem "Big" was re-printed in Simon & Schuster's *Best American Poetry 2007* and "Her Last Conflagration" was chosen for *Best American Poetry 2009*. On February 9, 2009, his poem "The Animals are Leaving" was featured in many U.S. newspapers and online as part of *The American Life in Poetry* series. His essay "How I Met the Prose Poem" was published in *Salt Hill* from Syracuse University, "The Poem as Fitness Display," appeared in the *Writer's Chronicle*, and "Say There Was: The Serious Comedy of Mark Halliday" was accepted by the scholarly journal *Humor: The International Journal of Humor Research*.

In addition, Webb has given 12 poetry readings across the country. He has served on the faculty for Summer Poetry in Idyllwild and the Post-Graduate Writers Conference in Montpelier, Vermont, and given a presentation on Stand Up poetry as part of a panel at the Associated Writing Programs Conference in Chicago. Webb also serves as one of five jurors who award Claremont Graduate University's \$100,000 Kingsley Tufts Poetry Award and the \$10,000 Kate Tufts Discovery Award.

Webb's latest book *Shadow Ball: New & Selected Poems* is being published this year by University of Pittsburgh Press as part of the Pitt Poetry Series.



Charles H. Webb
Department of English

Faculty R

Faculty Recognition

Outstanding Faculty Mentor for Student Engagement in Research, Scholarly or Creative Activity

Since Ralph Rozenek, Ph.D. came to California State University, Long Beach in 1988 as an exercise physiologist, he has been dedicated to advancing students' knowledge of exercise science, providing opportunities for them to conduct quality research, and helping them gain an appreciation for scientific investigation.

Within the past year, Rozenek established the Sport and Fitness Assessment Laboratory and, with funding from the College of Health and Human Services, purchased bone density and biophysiological equipment, enabling him and his students to conduct cutting-edge research.

Known as a mentor who carefully guides students through each step of research, students often turn to Rozenek for help with their master's theses. In the past 18 months, Rozenek has chaired 10 master's theses, has been a committee member on four physical therapy graduate student projects, and is a faculty mentor for a student pursuing a Graduate Research Fellowship. He encourages students to publish their research in refereed journals and present it at regional, national, and international conferences. He also invites them to co-author publications. In fact, four of the five that he has published in the past year have included at least one student as co-author.



Ralph Rozenek
Department of Kinesiology

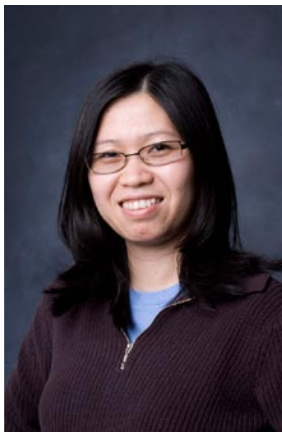
Rozenek's passion for research and commitment to student success has inspired many students to pursue doctoral degrees and has led to increased research activity within the Department of Kinesiology. It is because of these efforts that Rozenek is being presented with the Provost's Outstanding Faculty Mentor for Student Engagement in Research, Scholarly, and Creative Activity Award.

Recognition

Faculty Recognition

Outstanding Faculty Mentor for Student Engagement in Research, Scholarly or Creative Activity

Over the past 18 months, Kim-Phuong L. Vu, Ph.D., worked with 42 students in a variety of research projects examining human performance in simple and complex systems. These projects include evaluating performance with different display-control layouts and input devices, examining the tradeoff between password memorability and security, identifying usability, accessibility, and privacy concerns with the Web, and determining the impact of automation on operator situation awareness in the Next Generation Air Traffic Management System. Students have been involved in all levels of her research, as paid or volunteer student assistants, independent research projects or master's theses, and internships between the Center for the Study of Advanced Aeronautic Technologies (CSAAT) at CSULB and Mt. San Antonio College Aeronautics program. Three of her students participated in a research simulation at NASA Ames Research Center last summer and many are involved in on-going simulations between CSAAT and the Flight Deck Display Research Laboratory at NASA Ames.



Kim-Phuong L. Vu
Department of Psychology

Part of what makes Vu a remarkable mentor is her students' success. Vu's students have been co-authors on six articles published or accepted for publication. They have presented 11 papers at national conferences, many of them resulting in eight to 10-page proceedings papers that were selected through a peer-review process.

Vu has served on committees for seven students' master's theses, chairing four of them. She has also served as Chair of the Master of Science in Human Factors Psychology and faculty advisor to the Human Factors and Ergonomic Student Society, which has been named best student chapter by the national society twice.

Because Vu's research is interdisciplinary, she would like to acknowledge her colleagues in the joint supervision of many of these students: Tom Strybel, Chi-Ah Chun, John Jung, Gerry Hanley, Robert Proctor, Walt Johnson, Vern Battiste, and Tom Morris.

Research

Outstanding Undergraduate Student Research Award

“Time Versus Money: What Are They Worth?”



Jennifer Pearson
CSULB Undergraduate Student

Marketing and business economics major Jennifer Pearson developed a five-page questionnaire which she presented to 175 California State University, Long Beach (CSULB) students, analyzed the responses and found that in general, people place greater value on time than money.

Working with Marketing Professor Pamela Miles Homer, Pearson looked at several criteria when analyzing the questionnaires, including whether students were given an enjoyable or non-enjoyable task to accomplish in order to get a reward, whether they received the reward by giving money or their time, and whether they are frugal, materialistic, an introvert or an extrovert.

Pearson's research earned her first place in the CSULB Student Research Competition in February and a chance to compete in the California State University Research Competition at California State University, Los Angeles in May. Pearson, who will graduate in May, is currently working at Mass Connections, a Cerritos-based retail marketing company. She eventually plans to pursue a master's degree in business administration.

Students

Outstanding Graduate Student Research Award

“Synthesis Of α -Aminophosphonates Under Solvent-free, Environmentally Friendly Conditions”

Ricardo Gallardo-Macias has been conducting research with Associate Professor Kensaku Nakayama (Chemistry and Biochemistry) that could one day lead to the treatment of Alzheimer’s disease.

Gallardo-Macias and Nakayama discovered a catalyst that promotes the laboratory synthesis of α -aminophosphonates. The α -aminophosphonates inhibit butyrylcholinesterase (BChE), a brain enzyme that appears in high concentration in patients with Alzheimer’s disease. It does so very selectively, without affecting acetylcholinesterase, the other major enzyme in the brain. When the amount of BChE increases, it becomes the primary agent in breaking down acetylcholine in the brain, a key neurotransmitter. This leads to cognitive loss in Alzheimer’s patients. Ultimately, the work they have been doing is designed to restore cognitive function or slow down the loss of cognitive function in Alzheimer’s patients.



Ricardo Gallardo-Macias
CSULB Graduate Student

Gallardo-Macias presented his research in the California State University, Long Beach Student Research Competition and earned first place in the Physical and Mathematical Sciences category. He will go on to compete in the California State University Student Research Competition at California State University, Los Angeles in May.

Gallardo-Macias, who was born in Salina Cruz, Oaxaca, Mexico, earned his bachelor’s of science degree in chemistry at Morelos State University (Cuernavaca, Mexico) in 2005. He will be entering the doctoral program at Yale University in the fall.



Office of University Research

CALIFORNIA STATE UNIVERSITY, LONG BEACH

1250 Bellflower Boulevard, Long Beach, California, 90840