

Faculty News and Updates

Awards and Honors

Mark Aschheim, Civil Engineering, has been elected a Fellow of the American Concrete Institute.

Rose Marie Beebe, Modern Languages, and Robert Senkewicz, History, received the 2006 Award of Meritorious Performance from the California Council for the Promotion of History.

Catherine Bell, Religious Studies, has received a \$40,000 NEH Fellowship for University Teachers for the 2007-2008 academic year for, “Believing: Universal or Particular, Mental or Physical, Private or Communal?”

Geoffrey C. Bowker, Center for Science, Technology, and Society, received the Best Information Science Book award by ASIS&T for his book *Memory Practices in the Sciences*. Cambridge: MIT Press, February 1, 2006.

Dale Cruikshank, Physics, received the 2006 Gerard P. Kuiper Prize in Planetary Science. This prestigious award was established by the Division for Planetary Sciences of the American Astronomical Society to recognize and honor outstanding contributors to planetary science.

Andre Delbecq, Management, has been awarded the David L. Bradford Distinguished Educator Award by the Organizational Behavior Teaching Society.

Laura Ellingson, Communication, has received three awards for her book, *Communicating in the Clinic: Negotiating Frontstage and Backstage Teamwork*: the 2006 Book Award, the 2006 Book of the Year Award, and the 2006 Outstanding Scholarly Book Award. The awards were given by the National Communication Association divisions of Ethnography, Applied Communication and Organizational Communication.

Linda Garber, Gender Studies and English, received the Michael Lynch Service Award of the GL/Q Caucus of the MLA, for her work at Santa Clara and especially for co-founding and organizing the “Out There” conference in 2005. She will also be giving the keynote address at the 2007 “Out There” conference at De Paul University.

Dennis Gordon, Political Science, received the International Education of Students (IES) Lifetime Achievement Award.

Nam Ling, Computer Engineering, was elected to be Technical Committee Chair of the IEEE Circuits and Systems Society and Circuits and Systems for Communications Technical Committee in May 2006. He was also named Technical Program Co-Chair for

the 2007 IEEE International Symposium on Circuits and Systems (ISCAS), New Orleans, Louisiana, U.S.A, May 2007. Ling was also named Program Co-Chair for the 2007 IEEE Workshop on Signal Processing Systems (SiPS), Shanghai, China, October 2007.

Jean Molesky-Poz, Religious Studies, was selected as a fellow for the Center for Theology and Natural Science: Science and Transcendence Advanced Research Series conference "Complexity Theory, Emergence, and the Influence of Life on Matter" January 18-22, 2007, in Cancun, Mexico.

Fayeq Oweis, Modern Languages and Literature, was selected by the Palestinian cultural Mural Project committee at San Francisco State University to design a large-scale mural honoring Dr. Edward Said (1935-2003), the renowned Arab American intellectual.

Chad Raphael, Communication, has received the 2006 History Division Book Award from the Association for Education in Journalism and Mass Communication, for his book *Investigated Reporting: Muckrakers, Regulators, and the Struggle over Television Documentary*. Urbana: University of Illinois Press, 2005.

Peter Ross, Math and Computer Science, received a Certificate of Recognition from the Mathematical Association of America at its summer 2006 meeting. The award was for extraordinary service to the mathematical community in organizing the mathematical lectures and editing the related expository articles comprising the book *Mathematical Adventures for Students and Amateurs*. Cambridge: Cambridge University Press, forthcoming.

William Stover, Political Science, was named a Senior Specialist for Conflict Resolution, Information Technology, and International Politics by the Fulbright Scholar Program administered by the Council for the International Exchange of Scholars. His geographical specialty will be the Middle East, and the award is for five years.

Sunwolf, Communication, was appointed to the Editorial Advisory Board of the journal *Review of Communication*.

Jennifer Trainor, English, was elected to the board of the National Council of Teachers of English Assembly for Research.

Andy Tsay, OMIS, was a visiting professor at Peking University in spring 2006, teaching in the Beijing International MBA program.

Publications and Creative Work

Mark Aschheim, Civil Engineering, contributed to the book *Design of Straw Bale Buildings: State of the Art* by Bruce King, Green Building Press, 2006.

Michael Axelman, Counseling Psychology, published "African American Youth Speak Out about the Making of Safe High Schools" in *Preventing School Failure*, Vol.50 No.4, June 22, 2006.

Rich Barber, Physics, published an article "Organic Photovoltaic Devices Based on a Block Copolymer / Fullerene Blend" in *Organic Electronics*, Vol. 7, 508 (December 2006). Co-authors of this article are R.D. Gomez (University of Maryland), W.N. Herman, and D.B. Romero (Virginia Tech).

Rose Marie Beebe, Modern Languages, and Robert Senkewicz, History, have published *Testimonios: Early California through the Eyes of Women, 1815-1846*, jointly published by Heyday Books and The Bancroft Library, June 1, 2006.

Michelle Burnham, English, published *Folded Selves: Colonial New England Writing in the World System*. Dartmouth College Press, February 2007.

Derek Duarte, Theater and Dance, designed lights in October 2006 for the Western Stage production of "Big River."

Jerold Enos, Theater and Dance, in Oxford, Mississippi was Scenic Designer for the Oxford Shakespeare Festival's Productions of: *Midsummer Night's Dream*, *The Wizard of Oz*, *Pirates of Penzance*, *Premiere of Shakespear's Fight Scenes*, and Scenic Artist for *Shady Shakespeare's Romeo and Juliet* and *Taming of the Shrew*, 2006.

Janet Gidding, Religious Studies, published "Ethical Issues in Pedagogy: Wikipedia," in the *SBL Forum*, Vol. 4 No. 9, November 2006, www.sbl-site.org.

Francisco Jimenez, Modern Languages and Literature, was featured on a KTEH-TV program titled "Teaching Multicultural Literature: Social Justice and Action" for his book *The Circuit: Stories from the Life of a Migrant Child*. University of New Mexico Press, 1997.

Michael Kevane, Economics, published reviews in 2006 of Alex de Waal and Julie Flint's book, *Darfur: A Short History of a Long War*, Gerard Prunier's, *Darfur: The Ambiguous Genocide*, and Taghreed El Sanhoury and a film, *All About Darfur*, in the *Sudan Studies Association Newsletter*.

Chris Kitts, Mechanical Engineering, published "Sapphire: A Case Study in University-Class Satellites," in the *AIAA Journal of Spacecraft and Rockets*, Vol.43, No. 5, (Sept.-Oct. 2006). Kitts also published "The GeneSat-1 Micro Satellite Mission: A Challenge in Small Satellite Design" at the AIAA/USU Conference on Small Satellites, in Logan, Utah, in August 2006.

Dale Larson, Counseling Psychology and William Hoyt, wrote "The Bright Side of Grief Counseling: Deconstructing the New Pessimism," forthcoming in K. Doka, ed. *Living with Grief: Before and After Death*.

Nam Ling, Computer Engineering, and his former student Minqiang Jiang, published "Low-Delay Rate Control for Real-time H.264/AVC Video Coding," in *IEEE Transactions on Multimedia*, Vol. 8, No. 3, pp. 467 – 477, June 2006. Ling's collaboration with former student Minqiang Jiang, published "On Lagrange Multiplier and Quantizer Adjustment for H.264 Frame-Layer Video Rate Control," in *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 16, No. 5, pp. 663 – 669, May 2006.

Nam Ling and Weijia Shang, Computer Engineering, together with their student and former student, Jun Zhang and Xiaoquan (Bill) Yi, published "Bit Rate Distribution for Motion Estimation in H.264 Coding," in *IEEE Transactions on Consumer Electronics*, Vol. 52, No. 2, pp. 606 – 610, May 2006.

Nam Ling and Weijia Shang, Computer Engineering, together with their student and former student Jun Zhang and Xiaoquan (Bill) Yi, had their proposal, "Context Adaptive Lagrange Multiplier (CALM) for Motion Estimation in JM - Improvement," JVT-T046, adopted into the H.264/MPEG-4 AVC video coding international standard at the 20th Meeting of JVT of ISO/IEC MPEG & ITU-T VCEG in Klagenfurt, Austria, Summer 2006.

Joanne Martin, Theater and Dance, designed costumes for City Lights Theatre's production of "Angels in America" from September 14 to October 15, 2006.

Michelle Marvier, Biology, and Peter Kareiva, Environmental Studies, are publishing "Connecting conservation to people" forthcoming in *Scientific American*.

Tim Meyers, Education, published: "Rock Takes a Name," "The Second Angel," appearing in the *Soma Lit. Review*; "Basho and the River Stones," one of three nominated for a 2007 California Young Readers medal, which is voted on by California children, in the Picture Books for Older Readers category; "The Furry-Legged Teapot," coming from Marshall Cavendish in March 2007; "That Mass at Which the Tongue Is Celebrant", forthcoming 2007; and "The Fisherman and the Draug," which has appeared in *Spinning Whorl*.

Barbara Murray, Theater and Dance, directed Gilbert and Sullivan's "Trial by Jury" for Lyric Theatre, October 2006.

Fayeq Oweis, Modern Languages and Literatures, published a series of articles featuring Arab American artists in *Al-Jadid Magazine* Vol 11 No.52. and Vol. 11 No. 23 (2006).

Andrea Pappas, Art and Art History, is publishing two articles: "Invisible Points of Departure: Reading Rothko's Christological Imagery" forthcoming in the *Journal of American Jewish History* and "Haunted Abstraction: Mark Rothko, Witnessing, and the Holocaust" forthcoming in *Modern Jewish Studies*. MJS is a British journal.

Tom Plante, Psychology, published *Mental Disorders of the New Millennium*, Vol. I: "Behavioral", *Mental Disorders of the New Millennium*, Vol. II: "Public and Social Problems", *Mental Disorders of the New Millennium*, Vol. III: "Biology and Function." Book launching all day conference was held at SCU Nov 3, 2006 in Benson.

David Popalisky, Theater and Dance, September 22-23, 2006 produced and performed in "The Fatherhood Project." This Multimedia presentation viewed the role of the father through dance.

Lucila Ramos-Sanchez, Counseling Psychology, is publishing an article, "The Relationship between Masculinity, Asian Values, Acculturation and Depression of Filipino-American Men," in *Family Therapy* Vol. 33 No.3, 139-155. The study was completed and published with former graduate students in the Counseling Psychology program, Gerald Gonzales, Kimberly Tran, and Brad Roeder.

Shauna Shapiro, Counseling Psychology, co-authored two articles: "The Toronto mindfulness scale: Development and validation" in *Journal of Clinical Psychology*, Vol. 62 No.12, 1445-1467 (2006) and "Mental Balance and Well-Being: Building Bridges between Buddhism and Western Psychology," in the *American Psychologist*, October 2006.

Russell Skowronek, Anthropology, published *Situating Mission Santa Clara de Asís: 1776-1851. Documentary and Material Evidence of Life on the Alta California Frontier: A Timeline*. Berkeley: Academy of American Franciscan History, 2006.

Sunwolf, Communication, published "The shadow side of social gift-giving: Miscommunication and failed gifts," *Communication Research Trends*, Vol.25 No.3, 3-21, September 1, 2006, and "Juror stress: New challenges to juror competency," *The Champion*, Vol.30 No.5, 10-15, June 2006. She also published a DVD, *JURY TALK*, by LexisNexis Matthew Bender Publishing, 2006.

Mary Szto, Law School, is publishing two books in 2007: *Introduction to Chinese Law* and *Learn Legal Chinese*, both for Carolina Academic.

Jennifer Trainor, English, published two articles in 2006, one in *Research in the Teaching of English*, "'My Ancestors Never Owned Slaves': Understanding White Talk About Race" and one in *College English*, "Persuasion in the Public Sphere: What an Argument Is and What It Might Be Made To Do." A third article, titled "'The Wages of Whiteness': Literacy and Life Goals in an All White Suburban High School," is forthcoming in *Literacy as a Civil Right*. She also has an article under review at *College Composition and Communication* "The Persuasive Power of Racism and the Infrastructure of High School English: An Ethnographic Analysis of White Students' Talk About Race."

Nancy Unger, History and Women's and Gender Studies, published "The We Say What We Think Club: Rural Wisconsin Women and the Development of Environmental Ethics," *Wisconsin Magazine of History* vol. 90, no. 1 (Autumn) 16-27. She also

published two essays "Gendered Approaches to Environmental Justice," *Echoes From the Poisoned Well: Global Memories of Environmental Injustice* (17-34), January 28, 2006 and "When Women Condemn the Whole Race," in *Women in Print*, (281-296), University of Wisconsin Press, February 3, 2006.

Tim Urdan, Psychology and Liberal Studies, recently published two articles, each with a student co-author. One with M. Mestas, "The goals behind performance goals" in *Journal of Educational Psychology*, Vol.98, 354-365, in 2006. The other with E. Schoenfelder, "Classroom effects on student motivation: Goal structures, social relationships, and competence beliefs" in *Journal of School Psychology*, Vol. 44, 331-350, in 2006. Tim Urdan also co-edited a book with Frank Pajares of Emory University. This book is the fifth in a book series on adolescents and education, *Adolescent self-efficacy*, in the *Adolescence and Education series*. Greenwich: Information Age Publishing, 2006.

Byron Walden, Mathematics, published *Sit and Solve Commuter Hard Crosswords*. Sterling, August 28, 2006.

Grants

Rose Marie Beebe, Modern Languages, and Donna Schuele, have received a grant from the Historical Society of Southern California and the Haynes Foundation for their project, Women in law and politics in California during the 19th century.

Ruth Cook, Education, has received \$197,022 in year-two funding from the U.S. Department of Education to support, *Joining Forces to Meet the Challenge: Preparing Special Educators who will also be able to Meet the Needs of Young Children with Autism Spectrum*. The award with this amendment totals \$391,340.

Jane Curry, Political Science, has received a 17-month award from the U.S. Institute of Peace that provides \$45,000 to support, *Making Peaceful Change: People Power in Serbia, Ukraine, and Georgia*.

Janice Edgerly-Rooks, Biology, has received \$37,698 in funding from the National Science Foundation to support, *Collaborative Research: Phylogeny, Behavior and Silk Evolution of Web spinners (Embioptera), a Little-Known Insect Order*. This is year two funding of an anticipated three-year award. The award total to date is \$60,589.

Jorge Gonzalez, Timothy Hight, Christopher Kitts, Mechanical Engineering, and Mark Aschheim, Civil Engineering, have received a subcontract award from the National Renewable Energy Laboratory that provides \$50,000 to support the SCU 2007 Solar Decathlon Entry: *Promoting Sustainable Living Through Dynamically Responsive Buildings*.

Jorge Gonzalez-Cruz, Mechanical Engineering, was awarded a \$95,000 grant from the California Energy Commission for the phase change material solar thermal storage system. This solar air conditioning project uses no electricity.

Angel Islas, Biology, has received a two-year award from the National Institutes of Health that provides \$202,023 to support Non-template-directed nucleotide addition by human-DNA polymerases. Islas also received a new award from the National Science Foundation that provides \$190,000 to support RUI: Template Switching by DNA Polymerases Involved in DNA Repair and Translation Synthesis. This is year-one funding of an anticipated three-year award

Peter Kareiva, Environmental Studies, has received a two-year award of \$25,000 from the U.S. Environmental Protection Agency to support, Adaptation Options for Climate Sensitive Ecosystems and Resources Synthesis of Case Study Results.

Christopher Kitts, Mechanical Engineering, has received supplemental funding of \$115,000 from NASA-Ames to support Development of Small Satellite Design, Test and Operations Technologies. The award, with this amendment, totals \$425,000. Kitts also received a three-year funding from the National Science Foundation that provides \$366,861 to support MRI: Development of a Mobile Robot Instrument Cluster.

Michelle Marvier, Biology, has received third-year funding of \$44,366 from the Environmental Protection Agency to support Evidence-based Risk Analysis: Learning from Our Experience with Genetically Modified Crops. The award, with this amendment, totals \$232,347.

Leilani Miller, Biology, has received \$7,400 in supplemental funding from the National Science Foundation to support, RUI: Functional Analysis of the C. elegans Winged-Helix Transcription Factor, LIN-31. The funds will be used to support an undergraduate student research effort on the project.

Drew Starbird, OMIS, has received \$24,000 in second year funding from the U.S. Department of Agriculture to support Economics of Performance Measures for Food Safety Inspection Protocols. The award with this amendment totals \$49,000.

Mahmud Rahman, Electrical Engineering, has received a one-year NASA-Ames award that provides \$24,000 to support Field Emission Optimization of an Individual Multi-Walled Carbon Nanotube.

Chad Raphael, Communication, has received a one-year award through the Center of Science, Technology, and Society from the California Consumer Protection Fund that provides \$40,000 to support: Increasing the Participation of Low-Income People, People of Color, Limited-English Proficient People, People with Disabilities and Rural Residents in California on the Municipal Broadband Policy Debate.

Sally Wood, Electrical Engineering, has received a 3 ½-month award from Applied Signal Technologies that provides \$10,000 to support, Communications Research: Equalization for FSK in Multipath Environments.

Betty Young, Physics, has received second-year funding from the National Science Foundation that provides \$40,000 to support "Detector Optimization for the Super CDMS Experiment."

Presentations

Kathy Aoki, Art and Art History, held a solo exhibition, Cult of the Cute at the San Jose Museum of Art in September. She was the featured visual artist for Apature 2006, an annual Asian Pacific arts festival in San Francisco.

Mark Aschheim, Civil Engineering, and Mark Folgner, were featured in September 2006 at *WIRED* magazine NextFest, a four-day exposition of innovation featuring technologies and products that have the ability to change our world, for their Bamboo I-Beams.

Aslihan Celik, OMIS, and JoAnne Holliday, Computer Engineering, presented their research at the 2006 IEEE conference and were published in the proceedings.

Fred Foldvary, Economics, presented a lecture and discussion of "Natural Moral Law" at the Dominican School Philosophy and Theology in Berkeley, on October 30, 2006, for their "Owl of Minerca" philosophy lecture series.

Francisco Jimenez, Modern Languages and Literature, gave a lecture titled, "Making Connections Across Borders" for The Lake Tahoe Community College Writers Series May 2006.

Dale Larson, Counseling Psychology, presented a paper co-authored with W.T. Hoyt titled, "Deterioration effects in grief counseling: In search of the evidence." The paper was presented at the seventh annual Clinical Team Conference and Scientific Symposium of the National Hospice and Palliative Care Organization, San Diego, 2006.

Andrea Pappas, Art and Art History, presented two papers: "Invisible Points of Departure: Reading Rothko's Christological Imagery" at the meeting of the Association for Jewish Studies and "Beyond Modernist Histories: Rethinking the Marketplace for American Modernist Art" at the meeting of the College Art Association, 2006.

William Stover, Political Science, gave talks and demonstrations on "Information Technology and International Politics" at The American University, Cairo, Egypt; The American University, Beirut, Lebanon; Saint Joseph University, Beirut; and Al Akhawayn University, Ifrane, Morocco during the spring 2006 quarter. The Musser Foundation and the SCU Center for Science, Technology, and Society funded these lectures.