Highlights
2011–12
This issue of USC Dornsife Highlights focuses on some of the outstanding achievements of our faculty, students, staff and alumni during the 2011–12 academic year. Many of these achievements were celebrated and acknowledged as they occurred, but we better appreciate the strength and vitality of our community if we take the time to collect and share this information annually.

Last year USC Dornsife’s faculty, students, staff and alumni once again distinguished themselves in many ways: receiving prestigious awards and accolades, producing important original scholarship, making groundbreaking scientific discoveries, obtaining additional support for exciting research initiatives, creating new centers of study, developing innovative academic programs, and promoting community outreach.

It is not possible in this type of publication to express all of these many and varied accomplishments. For additional examples and ongoing updates, please visit USC Dornsife’s Web site at dornsife.usc.edu, which acknowledges and honors in articles, images and videos our community’s numerous compelling stories.

Steve Kay
Dean, USC Dornsife College of Letters, Arts and Sciences
Anna H. Bing Dean’s Chair
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FACULTY RECOGNITION

**DON ARNOLD** (biological sciences) received the McKnight Award for Technological Innovation in Neuroscience from the McKnight Foundation.

**YEHUDA BEN-ZION** (earth sciences) became president of the International Union of Geodesy and Geophysics’ Mathematical Geophysics Committee.

**LAURIE BRAND**, Robert Grandford Wright Professor and professor of international relations, received a Rockefeller Foundation Bellagio Center residency award.

**RICHARD BRUTCHEY** (chemistry) was named a 2012 Emerging Investigator by *ChemComm*, a publication of the Royal Society of Chemistry. He was also was featured in a special issue of *Dalton Transactions*, "New Talent: Americas."

**MANUEL CASTELLS**, University Professor, Wallis Annenberg Chair of Communication Technology and Society, and professor of communication, sociology, planning, and international relations, was awarded Norway’s 2012 Holberg International Memorial Prize.

**KARL CHRISTE** (chemistry) received the 2011 Richard C. Tolman Award from the American Chemical Society’s Southern California Section.

**ANTONIO DAMASIO**, University Professor, David Dornsife Professor of Neuroscience and director of the USC Brain and Creativity Institute, received a CORINE International Book Award in the Future Award category for his book *Self Comes to Mind: Constructing the Conscious Brain* (Pantheon, 2012). He also received the Doctor Honoris Causa degree from the University of Coimbra in Portugal.

**KELVIN J. A. DAVIES**, James E. Birren Chair in Gerontology and professor of gerontology and biological sciences, was named a *chevalier*, or knight, in the *Ordre National de Mérite* by the French Ministry of Education. He also won the Biennial Award from the European Society for Free Radical Research.

**DION DICKMAN** (biological sciences) received a 2012 New Scholar Award in Aging from the Ellison Medical Foundation.

**SUSAN FRIEDLANDER**, professor of mathematics and director of the Center for Applied Mathematical Sciences, was elected a fellow of the Society for Industrial and Applied Mathematics.
LOUIS GOLDSTEIN (linguistics) was elected a fellow of the Linguistic Society of America.

CHRISTIAN GROSE (political science) received the American Political Science Association’s award for the Best Book on Race, Ethnicity and Representation for his book *Congress in Black and White: Race and Representation in Washington and at Home* (Cambridge University Press, 2011).

ANGE-MARIE HANCOCK (political science and gender studies) was elected to the executive council of the American Political Science Association.

SHERMAN JACKSON, King Faisal Chair in Islamic Thought and Culture, and professor of religion and American studies and ethnicity, was named for the second time among the world’s 500 most influential Muslims by The Royal Islamic Strategic Studies Centre.

THOMAS JORDAN, University Professor, W.M. Keck Foundation Chair in Geological Sciences, professor of earth sciences, and director the Southern California Earthquake Center, received the American Geosciences Institute Award for Outstanding Contribution to Public Understanding of the Geosciences.

ANNA KRYLOV (chemistry) received the American Chemical Society’s Physical Chemistry Award in Theoretical Chemistry and the Friedrich Wilhelm Bessel Research Award from the Humboldt Foundation. She was also elected a fellow of the American Physical Society.

LON KURASHIGE (history, and American studies and ethnicity) was awarded the Social Science Research Council’s Abe Fellowship.

STEVEN LAMY, vice dean for academic programs and professor of international relations, received the 2012 Outstanding Higher Education History-Social Studies Teacher Award from the California Council for the Social Studies.

ADAM LEVENTHAL (preventive medicine and psychology) received the 2012 Judy K. Black Early Career Research Award from the American Academy of Health Behavior. He also received the 2012 Young Psychopharmacologist Award from the American Psychological Association’s division of psychopharmacology and substance abuse.

MARIA-ELENA MARTINEZ (history, and American studies and ethnicity) received a Fulbright award.

CHARLES E. McKENNA, professor of chemistry and vice dean for natural sciences, was named a chevalier.
or knight, in the *Ordre des Palmes Académiques* by the French Ministry of Education. This distinction recognizes eminent personalities who have contributed significantly to the development of relationships with France in culture, science and/or education. He was also invited as a plenary lecturer at the International Conference in Phosphorus Chemistry in Rotterdam, Holland.

**Michael Messner** (sociology and gender studies) received the American Sociological Association’s 2011 Jessie Bernard Award for his contribution to feminist teaching.

**Brighde Mullins**, director of the Master of Professional Writing Program and professor of the practice of Writing, was awarded a Guggenheim Fellowship for her work as a playwright.

**Carol Muske-Dukes**, professor of English and creative writing, and former California Poet Laureate, received the 2012 Barnes & Noble Writers for Writers Award, which celebrates authors who have given generously to other writers or to the broader literary community.

**Sri Narayan** (chemistry) was elected a fellow of The Electrochemical Society.

**George Olah**, Distinguished Professor of Chemistry and Chemical Engineering and Materials Science, Donald P. and Katherine B. Loker Chair in Organic Chemistry, founding director of the USC Loker Hydrocarbon Research Institute, and Nobel laureate, received Hungary’s Széchenyi-nagydíj Grand Prize, the country’s highest prize for academic achievement affecting all of humanity.

**Rhacel Salazar Parreñas**, professor of sociology and gender studies, and chair of sociology, was awarded the 2012 American Sociological Association’s Distinguished Scholarly Book Award in the Area of Labor or Labor Movements for her book *Illicit Flirtations: Labor, Migration and Sex Trafficking in Tokyo* (Stanford University Press, 2011).

**Manuel Pastor**, professor of American studies and ethnicity, and director of the Center for the Study of Immigrant Integration and the Program for Environmental and Regional Equity, received the 2012 Wally Marks Changemaker Award from the Liberty Hill Foundation. He also received the 2012 Loving Civil Rights Award from Connecticut Fair Housing.

**Elena Pierpaoli** (physics and astronomy) is part of a team that received a NASA Group Achievement Honor Award for their work on the Herschel & Planck Projects.
G.K. SURYA PRAKASH, George A. and Judith A. Olah Nobel Laureate Chair in Hydrocarbon Chemistry, professor of chemistry, and director of the USC Loker Hydrocarbon Research Institute, was elected a fellow of the European Academy of Sciences.

MATTHEW PRATT (chemistry and biological sciences) received the Damon Runyon-Rachleff Innovation Award from the Damon Runyon Cancer Research Foundation.

CAROL PRESCOTT (psychology) was elected president of the Behavior Genetics Association.

LAURA PULIDO (American studies and ethnicity) was awarded the 2012 Presidential Achievement Award by the Association of American Geographers.

MARK RICHARD (Master of Professional Writing) won a Pushcart Prize for his memoir *House of Prayer No. 2: A Writer’s Journey Home* (Nan A. Talese, 2011).

HUBERT SALEUR (physics and astronomy) was awarded the Medaille d’Argent by the French National Center for Scientific Research. He also received a *Journal of Physics* Best Paper Prize 2011.

GEORGE SANCHEZ, vice dean for diversity and strategic initiatives, professor of American studies and ethnicity and history, and director of the Center for Diversity and Democracy, received the 2012 Martin Ridge Award for Excellence in Historical Research and Writing from the Historical Society of Southern California.

HILARY SCHOR (English, comparative literature, gender studies and law) was awarded a Radcliffe Fellowship.

VANESSA SCHWARTZ (history) was selected as a Getty Scholar at the Getty Research Institute.

LARRY SWANSON, University Professor, Milo Don and Lucille Appleman Professor of Biological Sciences, and professor of biological sciences, neurology and psychology, was elected president-elect of the Society for Neuroscience.

SUSUMU TAKAHASHI (chemistry, and physics and astronomy) was named a 2012 Searle Scholar.

ALEXANDER TARTAKOVSKY (mathematics) received an Institute of Mathematical Statistics Fellowship.

VERONICA TERRIQUEZ (sociology) was awarded the 2012 American Sociological Association Distinguished Research - Best Article Award in the Area of Latino Sociology for her article, “Schools for Democracy:

RICHARD THOMPSON, University Professor Emeritus and William M. Keck Chair Emeritus in Psychology and Biological Sciences, received the Pavlovian Society’s Gantt Medal.

BOSCO TJAN (psychology) was appointed to the National Eye Institute’s Low Vision and Blindness Rehabilitation planning panel.

JOHN TOWER (biological sciences) was elected a fellow of the Gerontological Society of America.

MICHAEL WATERMAN, University Professor, USC Associates Chair in Natural Sciences, professor of biological sciences, mathematics and computer science, was elected to the National Academy of Engineering.

DUNCAN WILLIAMS, associate professor of religion and director of the School of Religion and the Center for Japanese Religions and Culture, was awarded a commendation from the Ministry of Foreign Affairs of Japan for deepening the bilateral U.S.-Japan relationship and mutual understanding between the people of Japan and the U.S.

WENDY WOOD, Provost Professor of Psychology and Business and vice dean for social sciences, received the Journal of Consumer Psychology’s Best Paper of the Year Award for her article, “The Habitual Consumer.”

PAOLO ZANARDI (physics and astronomy) was elected a fellow of the American Physical Society.

DONAL MANAHAN, professor of biological sciences and vice dean for students; ANTHONY MICHAELS, professor of biological sciences; and MATHEW MCCUBBINS, Provost Professor of Business, Law and Political Economy, were elected fellows of the American Association for the Advancement of Science.

ROBERT GURALNICK, JASON FULMAN and KO HONDA (mathematics) received Simons Foundation Fellowships.

ANTONIO DAMASIO, University Professor, David Dornsife Professor of Neuroscience and director of the USC Brain and Creativity Institute (BCI), and HANNA DAMASIO, University Professor, Dana Dornsife Professor of Neuroscience and co-director of the BCI, received honorary doctorates from the École Polytechnique Fédérale de Lausanne, Switzerland.
Selected Grants Awarded

Laura Baker (Psychology) was awarded a $733,360 grant from the National Institute of Mental Health for “Development of Externalizing Behavior Problems: Gene-Environment Interplay.”

Dani Byrd, professor of linguistics and vice dean for institutional affairs, was awarded a $549,459 grant from National Institute on Deafness and Other Communication Disorders for “Speech Prosody and Articulatory Dynamics in Spoken Language.”

David Caron (Biological Sciences) was awarded a $1.29 million grant from the Gordon and Betty Moore Foundation for “Comparative Functional Analyses of Mixotrophy among Microbial Eukaryotes.”

Lin Chen (Biological Sciences and Chemistry) was awarded a $615,600 grant from the National Institute of General Medical Sciences for “Structural and Functional Versatility of NFAT.”

Linda Duguay, director of the USC Sea Grant program and research associate professor of biological sciences, was awarded a nearly $1 million grant from the National Oceanic and Atmospheric Administration.

Jed Fuhrman, McCulloch-Crosby Chair in Marine Biology and professor of biological sciences, was awarded a $2.1 million grant from the National Science Foundation for “Dimensions: Pattern and Process in Marine Bacterial, Archaeal and Protistan Biodiversity, and Effects of Human Impacts.”

Jesse Graham (Psychology) was awarded a $398,838 grant from the John Templeton Foundation for “The Varieties of Moral Strength and Weakness: Using Value-Environment Interactions to Reduce Moral Hypocrisy.”

David Hutchins (Biological Sciences) was awarded a $604,041 grant from the National Science Foundation for “Synergistic Effects of Iron, Carbon Dioxide and Temperature on the Fate of Nitrate.”

Kenneth Nealson, Wrigley Chair in Environmental Studies and professor of earth sciences and biological sciences, was awarded a $651,033 grant from the U.S. Army Rdecom Acquisition Center for “Microbiology and Biodegeneration: Deep Ultraviolet.”
**PUBLICATIONS**


**SUSUMU TAKAHASHI** (chemistry and physics and astronomy) co-authored “Decoherence in Crystals of Quantum Molecular Magnets,” which appeared in the August 4, 2011, issue of *Nature.*

**JOHN S. ALLEN** (USC Brain and Creativity Institute) co-authored “Aging of the Cerebral Cortex Differs Between Humans and Chimpanzees,” which appeared in the August 9, 2011, issue of *Proceedings of the National Academy of Sciences.*

**JOHN F. HEIDELBERG** (biological sciences) co-authored “Activity of Abundant and Rare Bacteria in a Coastal Ocean,” which appeared in the August 2, 2011, issue of *Proceedings of the National Academy of Sciences.*


**ARIEH WARSHEL,** Distinguished Professor of Chemistry and Biochemistry, co-authored “Catalysis by Dihydrofolate Reductase and Other Enzymes Arises from Electrostatic Preorganization, Not Conformational Motions,” which appeared in the August 23, 2011, issue of *Proceedings of the National Academy of Sciences.*

**ANDREW Y. GRACEY** (biological sciences) and doctoral candidate **KWASI M. CONNOR** co-authored “Circadian Cycles Are the Dominant Transcriptional Rhythm in the Intertidal Mussel *Mytilis Californianus,*” which appeared in the September 20, 2011, issue of *Proceedings of the National Academy of Sciences.*

**CHARLES E. McKENNA,** professor of chemistry and vice dean for natural sciences, co-authored “Binary Complex Crystal Structure of DNA Polymerase Beta Reveals Multiple Conformations of the Templating 8-oxoguanine Lesion,” which appeared in the January 3, 2012, issue of *Proceedings of the National Academy of Sciences.*

**KASPAR MEYER** (psychology and USC Brain and Creativity Institute) wrote “Another Remembered Present,” which appeared in the January 27, 2012, issue of *Science.*

**ARIEH WARSHEL,** Distinguished Professor of Chemistry and Biochemistry, and research associate **SPYRIDON VICATOS** co-authored “Realistic Simulation of the


GEORGE A. OLAH, Distinguished Professor of Chemistry and Chemical Engineering and Materials Science, Donald P. and Katherine B. Loker Chair in Organic Chemistry, and founding director of the USC Loker Hydrocarbon Research Institute; G. K. SURYA PRAKASH, George A. and Judith A. Olah Nobel Laureate Chair in Hydrocarbon Chemistry, professor of chemistry, and director of the USC Loker Hydrocarbon Research Institute; and GOLAM RASUL (chemistry), co-authored “Octohydriodo diborane (B2H8) and Its Protomated Cations Containing Five-, Six-, and Seven- Coordinate Boron Atoms,” which appeared in the May 1, 2012, issue of the Proceedings of the National Academy of Sciences.

MATTHEW DEAN (biological sciences), ANDREW SMITH (biological sciences), and doctoral candidate FANG FANG (biological sciences) co-authored “Genomic Landscape of Human Allele-specific DNA Methylation,” which appeared in the May 8, 2012, issue of the Proceedings of the National Academy of Sciences.


CHRISTOBER BOEHM (biological sciences and anthropology) wrote “Ancestral Hierarchy and Conflict,” which appeared in the May 18, 2012, issue of Science.


FACULTY BOOKS

M I C H A E L A . A R B I B (University Professor, Fletcher Jones Chair in Computer Science, and professor of computer science, biological sciences and psychology), How the Brain Got Language: The Mirror System Hypothesis (Oxford University Press)

J E B B A R N E S (political science), Dust-up: Asbestos Litigation and the Failure of Commonsense Policy Reform (Georgetown University Press)


T R I N I E D A L T O N (English), Baby Geisha (Two Dollar Radio)


P E R C I V A L B E R R Y E V E R R (Distinguished Professor of English), Assumption: A Novel (Graywolf Press)


D E B O R A H H A R K N E S S (History), Shadow of Night (Viking Adult)

J A C Q U E S H Y M A N S (international relations), Achieving Nuclear Ambitions: Scientists, Politicians and Proliferation (Cambridge University Press)

S H E R M A N J A C K S O N (King Faisal Chair in Islamic Thought and Culture, and professor of religion and American studies and ethnicity), Sufism for Non-Sufis?: Ibn ‘Ata’ Allah al-Sakandari’s Taj al-’Arus (Oxford University Press)

D A N A J O H N S O N (English), Elsewhere, California (Counterpoint)

M G L O R D (Master of Professional Writing Program), The Accidental Feminist: How Elizabeth Taylor Raised Our Consciousness (Bloomsbury Publishing)

C E C I L “ C H I P ” M U R R A Y (John R. Tansey Chair of Christian Ethics and professor of religion), Twice Tested by Fire: A Memoir of Faith and Service (Figueroa Press)
JULIE NACK NGUE (French), Critical Conditions: Illness and Disability in Francophone African and Caribbean Women’s Writing (Lexington Books)

RHACEL SALAZAR PARREÑAS, professor of sociology and gender studies, and chair of sociology, Illicit Flirtations: Labor, Migration, and Sex Trafficking in Tokyo (Stanford University Press)

MANUEL PASTOR (American studies and ethnicity), Just Growth: Inclusion and Prosperity in America’s Metropolitan Regions (Routledge)

LAURA PULIDO (American studies and ethnicity), A People’s Guide to Los Angeles (University of California Press)

MARK RICHARD (Master of Professional Writing), House of Prayer No. 2: A Writer’s Journey Home (Nan A. Talese)

STEVEN ROSS (history), Hollywood Left and Right: How Movie Stars Shaped American Politics (Oxford University Press)

GEORGE SANCHEZ (professor of American studies and ethnicity and history, and vice dean for diversity and strategic initiatives), Beyond Alliances: The Jewish Role in Reshaping the Racial Landscape of Southern California (Purdue University Press)

NAYAN SHAH, professor and chair of American studies and ethnicity, Stranger Intimacy: Contesting Race, Sexuality and the Law in the North American West (University of California Press)

DAVID ST. JOHN (English), The Auroras: New Poems (HarperCollins)

KAREN TONGSON (English and gender studies), Relocations: Queer Suburban Imaginaries (NYU Press)

DAVID TREUER (English), Rez Life: An Indian’s Journey Through Reservation Life (Atlantic Monthly Press)

THOMAS WARD (anthropology), Gangsters Without Borders: An Ethnography of a Salvadoran Street Gang (Oxford University Press)
STUDENT AND ALUMNI ACHIEVEMENTS

UNDERGRADUATE

26 Fulbright Fellows (2008–12)
87 McNair Scholars (2008–12)
1 Harry S. Truman Scholar
1 Goldwater Scholar
6 Posse Scholars
7 Benjamin A. Gilman International Scholars
27 Mellon Mays Undergraduate Fellowships (2008–12)

GRADUATE

Fulbright Fellowship
Chateaubriand Fellowship
Boren Graduate Fellowship
Ford Foundation Diversity Fellowship
Japan Foundation Dissertation Fellowship
National Science Foundation Graduate Research Fellowship
United States Department of State Bureau of Educational and Cultural Affairs Critical Language Scholarship
ALUMNI

MARTIN S. MCDERMUT (B.A., economics, ’73) was appointed senior vice president, finance, and chief financial officer by Vitesse Semiconductor Corporation.

KEYSHAWN JOHNSON (B.A., social sciences/history, ’97), TINA THOMPSON (B.A., social science & communication/sociology, ’97) and QUINCY WATTS (B.A., social science and communication/communication ’94) were elected to the 10th class of USC’s Athletic Hall of Fame. Johnson, a former wide receiver, has played football for teams including the New York Jets and the Tampa Bay Buccaneers. Thompson has been a nine-time All-Star and All-WNBA performer in her 15 years playing basketball with the Houston Comets and the Los Angeles Sparks. Watts won two gold medals at the Barcelona Olympics in 400 meters and the 1,600-meter relay, and was ranked in the world Top 10 in the 400 for four consecutive years.

USC trustee RAY R. IRANI (Ph.D., chemistry, ’57) and CHRISTINE SHOEMAKER (Ph.D., mathematics, ’71) were elected to the National Academy of Engineering — one of the highest professional distinctions accorded to an engineer. Irani is executive chairman of the Occidental petroleum Corp. and namesake of the university’s Ray R. Irani Hall. He was recognized for his leadership in the petrochemical industry and for processes for applications of particulate systems. Shoemaker, Joseph P. Ripley Professor of Engineering at Cornell University, was recognized for developing decision-making optimization algorithms for environmental and water resources problems.

CHRISTOPHER COX (B.A., English and political science, ’73), the former U.S. representative from Southern California and 28th chairman of the U.S. Securities and Exchange Commission (SEC), was elected to the USC Board of Trustees on Oct. 5, 2011. Cox currently is a partner at the international law firm of Bingham McCutchen LLP and president of Bingham Consulting LLC.

KELLY G. PURVIS (B.A., political science, ’82) and JEFFREY H. SMULYAN (B.A., history and telecommunications, ’69, JD ’72) were honored with Alumni Service Awards for their longtime volunteer efforts on behalf of USC at the 79th Annual USC Alumni Awards. Purvis is a member and past president of the Trojan League Associates of San Diego County, past president of the Association of Trojan Leagues, and a member of the USC Associates. Smulyan serves as chairman of the board for Emmis Communications, which he founded in 1980. The broadcasting company owns and operates 22 radio stations and seven publications including Los Angeles Magazine. He is a member of the USC Board of Trustees and the USC Associates.
ACADEMIC PROGRAM INNOVATIONS AND EXPANSIONS

NEW BACHELOR DEGREE PROGRAMS

The bachelor of science in human biology degree is designed for students seeking a rigorous course of study in human anatomy, physiology, metabolism and/or human evolution in preparation for careers in medicine, physical therapy, dentistry, nursing, nutrition and human evolution.

The bachelor of arts in human biology degree provides a more flexible option, allowing students to combine studies in human biology with other interests such as business, psychology, education and music.

The bachelor of arts in political economy degree explores the intersection of economics and politics in a domestic and global setting while providing background useful for government and private sector entry-level positions or preparation for graduate school.

NEW MINORS

The minor in archaeology affords students the opportunity to explore a wide variety of ways in which the material remains of our common human past may be recovered, analyzed and interpreted.

The minor in health care studies is a joint program of USC Dornsife and the Keck School of Medicine of USC that combines courses in the basic sciences with offerings that explore various aspects of the field of healthcare, as well as clinical and research opportunities.

The minor in Korean studies is intended for students who are interested in the political, economic, social and cultural changes of the area, and draws upon courses from departments across the social sciences, humanities and professional schools.

The minor in spatial sciences offers student an opportunity to examine some of the major environmental and health challenges of the 21st century through a spatial lens.

NEW GRADUATE PROGRAM

The master’s in molecular genetics and biochemistry degree allows students to focus on research in molecular genetics, genomics, evolutionary biology, cell and molecular biology or biochemistry.

NEW INTERNSHIP PROGRAM

The first USC Dornsife summer internship program combined paid internships with a course focused on leadership themes and mentorships with distinguished professionals to prepare students for the workforce.
**INSTITUTES AND CENTERS**

The **USC Brain and Creativity Institute** (BCI), directed by Antonio Damasio, University Professor and David Dornsife Professor of Neuroscience, received a grant from the Defense Advanced Research Projects Agency (DARPA) for “Culture-specific Neurobiological Models of the Influence of Narrative Framing Using Sacred Values.” BCI researchers also published research in *Science, Cerebral Cortex, NeuroImage* and *Scholarpedia*.

Katrina Edwards (biological sciences, earth sciences and environmental studies), director of the National Science Foundation-funded **Center for Dark Energy Biosphere Investigations (C-DEBI)**, co-led an expedition to North Pond, a region of the deep seafloor in the middle of the Atlantic Ocean, to study microbes in the Earth below the ocean in order to learn more about the role these microbes play in shaping ocean chemistry and biology.

The **Center for Japanese Religions and Cultures** (CJRC), directed by Duncan Williams, associate professor of religion and director of the School of Religion, was established to promote the study of Japanese religions and culture at USC and in the broader intellectual community of Japan studies. CJRC is the first research center for Japanese religions on the west coast of the United States, and only the second such center in the country.

The **Center for Religion and Civic Culture** (CRCC), directed by Donald Miller, Leonard K. Firestone Professor of Religion, and professor of religion and sociology, received two grants from the National Endowment for the Humanities totaling $305,000 to support the expansion and development of the International Mission Photography Archive with the Digital Library as well as video essays by scholars. CRCC also received a $500,000 grant from the California Endowment for the USC Cecil Murray Center for Community Engagement to train faith-based and community leaders in four neighborhoods/cities.

The **Center for the Study of Immigrant Integration** (CSII), directed by Manuel Pastor (American studies and ethnicity) and Ange-Marie Hancock (political science and gender studies), received approximately $400,000 in grant funding from the Carnegie Corporation, the Evelyn and Walter Haas, Jr. Fund, and a USC Dornsife 2020 award. CSII also successfully planned a series of four community scholar events featuring academics and community leaders on issues of immigrant integration.

The **Huntington-USC Institute on California and the West**, directed by William Deverell, professor and...
interim chair of history, received grants from the Rose Hills Foundation, the WHH Foundation and William Randolph Hearst III to support elementary and high school curricular and educational projects centered around California and Los Angeles history and literary conferences about California literature.

The **KOREAN STUDIES INSTITUTE**, directed by David Kang, professor of international relations and business, and director of the East Asian Studies Center, received a $500,000 challenge grant from the Korea Foundation to create the Korea Foundation Early Career Junior Professorship of Korean Social Science.

The **PROGRAM FOR ENVIRONMENTAL AND REGIONAL EQUITY** (PERE), directed by Manuel Pastor (American studies and ethnicity), received nearly $400,000 in grant funding from agencies including The California Endowment, the Institute for New Economic Thinking, the Liberty Hill Foundation, and the Panta Rhea Foundation. PERE also organized the conference “From the Ashes: The 1992 Civil Unrest and the Rise of Social Movement Organizing,” reflecting on the 20th anniversary of the 1992 civil unrest in Los Angeles.

Led by G. K. Surya Prakash, George A. and Judith A. Olah Nobel Laureate Chair in Hydrocarbon Chemistry and professor of chemistry, and George A. Olah, Distinguished Professor of Chemistry and Chemical Engineering and Materials Science, and Donald P. and Katherine B. Loker Chair in Organic Chemistry, the **USC LOKER HYDROCARBON RESEARCH INSTITUTE** continues its pioneering work on energy storage and energy carrier problems beyond fossil fuels with the support of grants from the Department of Energy Cooperative Research Program and the Advanced Research Projects Agency–Energy. Based on the chemistry and concepts developed at the institute, Carbon Recycling International Inc. in Iceland commissioned the George A. Olah Renewable Methanol Plant that produces five tons of methanol a day using carbon dioxide, water and inexpensive geothermal energy.

The **SOUTHERN CALIFORNIA EARTHQUAKE CENTER** (SCEC), directed by Thomas Jordan, University Professor and W.M. Keck Foundation Chair in Geological Sciences, received nearly $4.4 million in grant support from the National Science Foundation and U.S. Geological Survey for new community geodetic and stress models; specialized fault study areas; and coordination with earthquake engineers to validate ground motion simulations. SCEC’s Communication, Education, and Outreach program continued to expand its reach across the country and internationally as leader of the Great ShakeOut earthquake drills, for which associate director Mark Benthien
was named a “Champion of Change” by the White House in January 2012.

Dan Schnur, director of the **Jesse M. Unruh Institute of Politics**, led the USC Dornsife/Los Angeles Times Poll, a series of statewide public opinion polls of registered voters in California, designed to survey voter attitudes on a wide range of political, policy, social and cultural issues. Conducted at regular intervals throughout 2011–12, the poll was cited more than 200 times in media outlets and helped to inform the public and to encourage discourse on key political and policy issues.

The **USC-Huntington Early Modern Studies Institute**, directed by Peter Mancall, Andrew W. Mellon Professor of the Humanities, vice dean for the humanities, and professor of history and anthropology, received a $1.5 million challenge grant from the Andrew W. Mellon Foundation to endow the institute’s directorship. The first book in the institute’s book program, *Collecting Across Cultures: Material Exchanges in the Early Modern Atlantic World*, was edited by Mancall and Daniela Bleichmar (art history and history) and published by the University of Pennsylvania Press.

**USC Shoah Foundation — The Institute For Visual History and Education**, directed by Stephen D. Smith, released IWitness Beta, a Web resource that the American Association of School Librarians named one of the 2012 “Top 25 Web sites for Teaching and Learning.” Designed to deepen understanding of 20th-century history and build 21st-century digital and media literacy skills, IWitness enables teachers and students 13 and older to interact with more than 1,000 testimonies of Holocaust survivors and other witnesses. The institute also received a $1 million gift from the Koret Foundation and a $500,000 gift from the The Skirball Foundation.

The **USC Wrigley Institute for Environmental Studies**, directed by Dr. Roberta Marinelli, received a $300,000 grant from the U.S. National Science Foundation to construct a research-oriented greenhouse at the USC Wrigley Marine Science Center on Catalina Island. Marinelli, in collaboration with Sergey Nuzhdin (biological sciences) and Paul Marjoram (Keck School of Medicine of USC), are leading an effort to unite scientists at the University Park campus, the USC Keck School, and the Natural History Museum of Los Angeles County around the topic of biodiversity and the environment. Funded by the Office of the Vice President for Research and the USC Wrigley Institute, the initiative is intended to broaden the portfolio of environmental science research through collaboration across disciplines.
COMMUNITY OUTREACH AND SERVICE

The **Behavioral Employment Program**, founded by Stan Huey (psychology, and American studies and ethnicity), is a pilot intervention program that examines the relationship between employment and gang involvement with gang-affiliated youth in Los Angeles.

The **Center for Active Learning in International Studies**, run by the School of International Relations, has built strong civic engagement programs that have taught 25,000 youths in grades 9–12 about world issues during the last 10 years.

The **Edison Challenge** is a joint project of the USC Wrigley Institute for Environmental Studies and Edison International. The Edison Challenge brings together teams of teachers and middle and high school students to create “hands-on” environmental studies projects.

The **Going for the Goal Program**, led by faculty adviser Margaret Gatz, professor of psychology, gerontology and preventive medicine, and chair of psychology, teaches life skills to adolescents through 10 workshops taught by USC undergraduate or graduate students to middle school students.

Founded in 1972, the **Joint Educational Project** (JEP) offers USC students the opportunity to combine academic coursework with experiences in the community surrounding the campus. More than 70,000 students logging more than 1 million service hours have participated in JEP since its inception.

Partnering with Quiksilver, Inc. and the Quiksilver Foundation, the USC Wrigley Institute for Environmental Studies created the **Quikscience Challenge**, a competition for teams of middle school and high school students who create projects and portfolios on an ocean science subject. The competition is designed to spark student’s interest in science and to develop their capacity for leadership.

The **Teaching International Relations Program**, founded by Vice Dean for Academic Programs Steven Lamy in 1993, has guided more than 2,500 USC students in international courses to teach in local high schools and serve as mentors.

The **USC Center for Urban Youth**, directed by Gayla Margolin (psychology), works to improve the lives of urban youths in myriad ways — from assessing and treating learning and behavioral problems to counseling victims of violence to addressing obesity.
In 2011–12, USC Dornsife raised $61,573,630 million in cash and pledges. This year’s achievements were highlighted by the following gifts:

A gift of $1 million from an anonymous donor to establish the Dean Howard Gillman Fund, which will provide financial support to outstanding undergraduates who seek to engage in extracurricular academic research under the mentorship of USC Dornsife’s distinguished faculty.

A gift of $500,000 from Dana and Yossie Hollander to support the USC Shoah Foundation — The Institute for Visual History and Education’s IWitness, which presents 1,000 testimonies from the USC Shoah Foundation’s Visual History Archive for guided student exploration and multimedia projects. IWitness promotes deeper understanding of 20th-century history and development of 21st-century digital literacy skills for students ages 13-18.

A $500,000 challenge grant from the Korea Foundation to create the Korea Foundation Early Career Junior Professorship of Korean Social Science.

A $100,000 gift from George Davis to establish the George F. Davis Comparative Literature Endowed Scholarship.

*USC Dornsife Highlights* is produced annually for the USC Dana and David Dornsife College of Letters, Arts and Sciences by the USC Dornsife Office of Communication. This publication includes selected achievements from the 2011–12 academic year and is not intended as a complete list of accomplishments. For additional examples and ongoing updates, visit *dornsife.usc.edu*