

USC microbiologist Jae Jung awarded Ho-Am Prize in Medicine

By Alison Trinidad

Jae Jung, Fletcher Jones Foundation Chair and Hastings Foundation Professor

of Molecular Microbiology and Immunology at the Keck School of Medicine of USC, has been awarded South Korea's 2012 Ho-Am Prize in Medicine, an honor that is often referred to as the Korean equivalent of the Nobel Prize.

Jung, who also is director of the USC Institute of Emerging Pathogens and Immune Diseases, was recognized as a leading authority in molecular biology whose discoveries have laid the groundwork for eventual cures for virus-induced cancers. He is one of five prize recipients from around the globe who will be honored at a June 1 ceremony in Seoul, South Korea, where he will deliver a commemorative lecture. The award consists of a 6 oz. gold medal, a laureate diploma and 300 million Korean won (approximately \$265,000).

"As a recipient of the prestigious Ho-Am Prize in Medicine, one of Korea's highest honors, Professor Jung sets the bar for excellence in cutting-edge research not just at USC, but across our global community of medical scientists," said USC Provost and Senior Vice President for Academic Affairs Elizabeth Garrett. "His innovative work in molecular biology provides a foundation for curing certain cancers, inspiring the promise of greater health and well-being for countless people

around the world."

Jung, recruited to lead the USC Department of Molecular Microbiology and

Immunology from Harvard Medical School in 2007, is regarded as a preeminent expert in the molecular biology of gamma-herpesviruses and their gene products as they relate to cell biology, biochemistry and immunology. He began looking at

the virus strain in 1990, when it was known to cause cancer in animals. By 1994, research-

ers had discovered that a human form of the virus caused Kaposi's sarcoma, the most common cancer among AIDS patients. Already well versed on the animal form of the virus, Jung began studying the human version.

"This research has the potential to help so many people," Jung said. "Our team at USC has an expertise in infectious disease—we study how and why people get sick so that we can find a way to cure them. I was at Harvard Medical School for 19 years, but I came to the Keck School of Medicine of USC because I wanted to contribute to public health in a more direct way—I

think that is what the Ho-Am Prize Committee is recognizing with this prize. And I am truly humbled."

Under Jung's leadership, the USC Molecular Microbiology and Immunology Department has more than doubled in size to 22 faculty members while its annual grant portfolio has grown eight-fold. Jung sits on grant review panels for the National Institutes of Health, American Cancer Society, and the Leukemia and Lymphoma Society of America. With more than 145 published scientific papers, Jung also serves as an editor and reviewer for respected journals such as

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Jae Jung

'Professor Jung sets the bar for excellence in cutting-edge research not just at USC, but across our global community of medical scientists.'

—USC Provost and Senior Vice President for Academic Affairs Elizabeth Garrett



Photos/Tania Chatila



CONTINUING EDUCATION COUNTS—The USC hospitals Education Department hosted in March its first Critical Care Symposium for nurses and its first Nurse Skills program. The symposium engaged nearly 175 nurses in the latest advancements in critical care. The department also hosted a nurse skills program, providing lessons on IV pump programming and other technical nursing techniques. Both events were part of efforts by the Education Department to offer continuing education to help advance medical center clinicians. Left, symposium speaker Carol Jacobson discusses tachycardia before a crowd of registered nurses. Above, Keck Medical Center of USC clinical care educator Tveen Kirkpatrick talks to nurses about cardiopulmonary resuscitation.

Three USC students awarded Schweitzer Fellowships for community outreach

By Gabrielle Olya

Students from the School of Pharmacy and the Keck School of Medicine are recognized for their community outreach projects.

This year, Joy Yue Wang and Amanda Wong of the School of Pharmacy and Patricia Martinez of the Keck School of Medicine were among only 250 recipients nationwide of the 2012-13 Albert Schweitzer Fellowships.

The fellowships are granted to graduate students in the fields of medicine, public health and pharmacy who are committed to serving their local community.

Wang will use her funding toward a 12-week smoking cessation program to help people quit smoking through physiological and behavioral modification, which will take place at a local safety-net clinic, where it will reach those most in need of this service.

"The Schweitzer Fellowship encourages fellows to explore avenues to sustain our projects beyond our time as fellows," said Wang. "I think that it is very

exciting to have the opportunity to start something new for our community and see its growth and impact throughout the years."

Wong will use the funding for the L.A. County Braille Project, which will provide medication reviews



Pharmacy students Amanda Wong (left) and Joy Wang (right), along with Keck School of Medicine student Patricia Martinez, were among only 250 recipients nationwide of the Albert Schweitzer Fellowships.

and educational sessions for the blind and visually impaired.

"I'm excited to establish a brand new partnership with the Braille Institute, while also providing opportunities for our pharmacists and students to serve in different patient care situations," said Wong.

Martinez's project will pair a motivated first- or second-year medical student with a community clinic patient living with a chronic illness, such as diabetes.

"I hope the project can both educate and empower the patients involved in this project, and also prepare future physicians to be more culturally sensitive and therefore better advocates for their patients," explained Martinez.

Upon completion of their initial year as fellows, the winners will become Schweitzer Fellows for Life, joining a network of over 2,000 Schweitzer alumni who are skilled in and committed to addressing the health needs of underserved people throughout their careers as professionals.

Trojan League benefit focuses on global health challenges

‘Young people are very concerned about the future of our planet. Our students want to be involved and engaged in finding solutions.’

—Jonathan Samet, director of the USC Institute for Global Health and the Flora L. Thornton Chair of the Department of Preventive Medicine in the Keck School of Medicine of USC

By Ina Fried

An inflatable globe, ordered on Amazon.com from a company in Rhode Island but manufactured in China, illustrated global interconnectedness during the keynote speech about global health at a Trojan League of Los Angeles benefit on the Health Sciences campus March 24.

More than 200 USC alumnae and other supporters attended the day-long event, which benefitted the Keck School of Medicine of USC. Keck School Dean Carmen A. Puliafito welcomed the group, which met on the Health Sciences campus for the first time in more than 20 years.

According to keynote speaker Jonathan Samet, “Global health is public health for the planet.” Samet, director of the USC Institute for Global Health and the Flora L. Thornton Chair of the Department of Preventive Medicine in the Keck School of Medicine, highlighted three types of global health concerns:

- Problems that reach globally and remind us how connected we all are, such as HIV/AIDS and West Nile virus;
- Problems spread by globalization, such as diseases caused by smoking; and
- Problems that need global

solutions, in which we all need to work together, such as pollution of the oceans and the atmosphere.

Outlining briefly a variety of USC educational and research programs at both the undergraduate and professional levels, Samet said, “Young people are very concerned about the future of our planet. Our students want to be involved and engaged in finding solutions.”

Optimism about the future of health and health care was a recurring theme among speakers.

Heinz-Josef Lenz, co-director of the USC Center for Molecular Pathways and Drug Discovery and co-leader of the Gastrointestinal Cancers Program at the USC Norris Comprehensive Cancer Center, described research that coaxes colon cancer stem cells out of hiding so that the cancer can be cured. “We are conducting the first human clinical trials ever, and we see exactly what we were hoping for,” he said.

The applications of the technology to isolate and capture diseased stem cells are not limited to cancer, he said, but may help patients with such diverse diseases as cardiovascular disease and multiple sclerosis.



At the Trojan League of Los Angeles benefit on the Health Sciences campus are (from left) benefit chair Fran Ciulla, keynote speaker Jonathan Samet, Trojan League president Marilyn Kezirian, benefit chair Marcia Kreditor and Keck School of Medicine of USC Dean Carmen A. Puliafito.

Paula Cannon, associate professor of molecular microbiology and immunology, biochemistry and molecular biology, and pediatrics, described a stem cell approach to curing HIV/AIDS. “My vision is to get away from drugs and get to a one-shot stem cell therapy,” she said. Predicting clinical trials in the next two to three years, Cannon said, “We’re going to try to go in and fix what’s wrong. I see no way it won’t be the future of

medicine. The potential for this field of medicine is huge.”

Founded on March 25, 1958, the Trojan League of Los Angeles fosters continuing interest in USC. Each year the organization sponsors a benefit showcasing a department, school, program or individual of renown at the university. President Marilyn Kezirian introduced the program. Chairs for this year’s benefit were Fran Ciulla and Marcia Kreditor.

JUNG: Leader in microbiology receives prestigious South Korean honor for scientific contributions

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Nature, Science, Proceedings of the National Academy of Sciences and Virology.

“Jae Jung is an exceptional scholar, leader and teacher whose contributions to the health of society are immeasurable,” said Carmen A. Puliafito, dean of the Keck School of Medicine of USC. “His buoyant personality and passion for science are plain

to see, and we are honored to celebrate with him this recognition that he richly deserves.”

A native of Seoul, Jung earned his bachelor’s and master’s degrees from Seoul National University.

He moved to the United States in 1985 and earned his Ph.D. in microbiology at the University of California, Davis, four years later.

Jung completed postdoc-

toral training at Harvard’s New England Regional Primate Research Center.

He eventually served as chair of the division of tumor virology at the research center and became the first Korean-born scientist to be promoted to a tenured professorship at Harvard.

The Ho-Am Prize was established in 1990 by Samsung, posthumously named after the

South Korean conglomerate’s founder, “Ho-Am” Byung-Chull Lee. It is awarded annually to Koreans in Korea and abroad who make major contributions to science, the

arts, social development and human welfare through remarkable achievements.

For more information, visit <http://hoamprize.samsungfoundation.org/eng>.

CHLA hires noted pediatric neuropathologist

By Ellin Kavanagh

Pediatric neuropathologist Di Tian, has accepted an appointment with the Children’s Hospital Los Angeles’ Department of Pathology and the Laboratory Medicine and the Developmental Neuroscience Program at The Saban Research Institute.

Alexander R. Judkins, CHLA pathologist-in-chief and associate professor of clinical pathology at the Keck School of Medicine, called Tian a physician-scientist “who has developed a unique set of skills that allow him to diagnose the problems of the developing brain as a pediatric neuropathologist and to discover their origins as a developmental neuroscientist.”

Tian, who is assistant professor of pathology at the Keck School, combines expertise in genetics with the ability to develop in vivo models for autism and other neurodevelopmental disorders.

Tian received his medical training at Beijing Medical University, Beijing, China, and his doctorate in Neuroscience, Cell and Molecular Biology from Northwestern University in Chicago.

He completed his residency in Anatomical Pathology, and served as a Clinical Fellow in Neuropathology in the C. S. Kubik Laboratory for Neuropathology, all in the Department of Pathology, Massachusetts General Hospital, Harvard Medical School.

He went completed postdoctoral training in genetics in the laboratory of Jeannie T. Lee in the Department of Molecular Biology, Howard Hughes Medical Institute, Massachusetts General Hospital, and Department of Genetics, Harvard Medical School.

Since 2008, Tian has been a research fellow in the laboratory of Mark F. Bear at The Picower Institute for Learning and Memory, Howard Hughes Medical Institute, Massachusetts Institute of Technology (MIT). Beginning in 2009, Tian has been an assistant in pathology at the Massachusetts General Hospital and an instructor in pathology at the Harvard Medical School.

The Weekly

Next Issue: April 20

The Weekly is published for the faculty, staff, students, volunteers and visitors in the University of Southern California’s Health Sciences campus community. It is written and produced by the Health Sciences Public Relations and Marketing staff. Comments, suggestions and story ideas are welcome. Permission to reprint articles with attribution is freely given.

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L.A. Times Festival of Books’ Healthcare Pavilion to feature HSC expertise

This year’s *Los Angeles Times* Festival of Books at the University of Southern California runs April 21-22 at the University Park campus.

Highlights include a 10:45 a.m. discussion on April 21 with David Agus, professor of medicine and engineering at the Keck School and the USC Viterbi School of Engineering, about *The End of Illness*. The event will be at Hoffman Hall.

Also on April 21, at the USC Stage, Mel Baron, USC School of Pharmacy associate professor, will host a 12:50 p.m. theatrical performance of the fotonovela *Rosa Out of Control*, which focuses on obesity.

The festival will feature a Health Pavilion with demonstrations and health screenings. The pavilion’s schedule is as follows:

Saturday, April 21

10 a.m. – 6 p.m.

Mobile Dental Clinic—The Ostrow School of Dentistry of USC offers free dental screenings and education for the whole family.

10 a.m. – 11:30 a.m.

How clean is “clean?”—Calling all germaphobes! Test your infection prevention knowledge and hand washing techniques (under a revealing black light) as the Keck Medical Center of USC Hospital Infection Prevention

unit demonstrates effective hand washing and invites participants to play the “wheel of questions” health safety game.

Health Check—Going on a trip? Looking for tips on quitting smoking? The USC School of Pharmacy is providing information on these areas and more, including screenings for diabetes, blood pressure and body fat analysis; as well as “brown bag” checks to help you evaluate your medications; health education; poison prevention crafts for kids.

12:30 p.m. – 2 p.m.

Fit Families Program—Parents and children are invited to learn about exercise, wellness and nutrition, courtesy of the USC Division of Biokinesiology and Physical Therapy. Activities include body composition testing, stretching/yoga participation demonstrations, cardio exercise and discussion of healthy snacks.

3 p.m. – 5:30 p.m.

Health Check—Screenings for A1C levels, glucose levels and blood pressure, courtesy of the Keck Medical Center of USC Department of Internal Medicine.

Sunday, April 22

10 a.m. – 5 p.m.

Mobile Dental Clinic—The Ostrow School of Dentistry of USC offers free dental screenings and

education for the whole family.

10 a.m. – 11:30 a.m.

Oxygen Check—Pulse oximetry (measures heart rate and oxygen saturation) and sleep health questionnaires, courtesy of the Keck Medical Center of USC Respiratory/Pulmonary Diagnostic Services unit.

Health Check—Screenings for A1C levels, glucose levels and blood pressure, courtesy of the Keck Medical Center of USC Department of Internal Medicine.

12:30 p.m. – 2 p.m.

Redesigning Lives: The Future of Healthcare—Lifestyle Redesign: weight and stress management; productive play for kids; adaptive tools to help you read, courtesy of USC Occupational Therapy.

3 p.m. – 5 p.m.

Health Check—Screenings for A1C levels, glucose levels and blood pressure, courtesy of the Keck Medical Center of USC Department of Internal Medicine.

Ticket information

While Festival of Books admission and most Festival activities are free, tickets are required for all indoor panels. Panel tickets will be available to the general public at 9 a.m. on April 15, with a \$1 service fee applied to each panel ticket reserved. For more information, visit <http://tinyurl.com/6tmf6hr>.

USC study links gene to autism, opening new avenues of study of the disease

By Alison Trinidad

USC scientists have discovered the first gene associated with autism that has genome-wide significance.

The discovery, detailed in the April 4 edition of the journal *Science Translational Medicine*, may allow researchers to study the causes of autism and develop new treatments for the disorder more effectively.

“Our study shows that a highly significant genetic signal for autism pointed to

a new gene, MSNP1AS,” said Daniel B. Campbell, the study’s senior author and assistant professor of psychiatry and the behavioral sciences at the Keck School of Medicine of USC. “MSNP1AS is a noncoding RNA, which means it does not code for a protein. More than half of the RNA made in the human brain are noncoding, but their functions are often unknown. We found that expression of MSNP1AS is increased 12-fold in the brains

of people with autism and discovered that it controls expression of a protein called moesin, which influences brain development and immune response. The discovery of a functional noncoding RNA opens new avenues of investigation for autism.”

Autism spectrum disorder (ASD) is a lifelong neurodevelopmental disability characterized by problems with social interaction, communication and repetitive

behaviors. The Centers for Disease Control and Prevention estimates that one in 88 children in the United States have an ASD.

ASD is highly heritable, suggesting that genetics are an important contributing factor, but many questions about its causes remain. There currently is no cure for the disorder.

A 2009 study published in *Nature* by Kai Wang, now assistant professor of psychiatry and preventive

medicine at the Keck School, found a significant association of genetic risk factors underlying ASD with genetic markers on chromosome 5. The nearest genes (CDH9 and CDH10), however, were more than 1 million base pairs from the marker—too far to explain the link to autism.


Campbell and his team at the Keck School’s Zilkha Neurogenetic Institute hypothesized that a previously undetected genetic component might lie closer to the markers.

Using bioinformatics techniques, they discovered that a new gene, MSNP1AS, was located directly at the autism-associated genetic markers. They also found that expression levels of the gene were higher in brain samples from autism patients than in samples from healthy individuals.

Finally, they showed that over-expression of MSNP1AS caused a decrease in moesin protein.

“The autism genetic signal gave us a treasure map with a big X over the Mojave Desert,” Campbell said. “Instead of searching in the bright lights of Las Vegas or Los Angeles, the nearest big cities, we decided to search right under the big X on the map. We discovered the treasure (MSNP1AS) in the desert, just where the map said it was. And, once we found the treasure, we realized that it was a key to a mansion in Paris—that MSNP1AS regulates expression of moesin, a protein that is generated by a gene on the X chromosome (a different continent) and is known to impact both brain development and immune response.”

COMMUNITY FORUM EXPLAINS PLANS FOR FUTURE OF HEALTH SCIENCES CAMPUS— Cesar Armendariz welcomes about 40 members of the communities surrounding the Health Sciences campus to a March 21 reception at the Edmondson Faculty Center. “We consider you part of our extended family at USC,” said Armendariz, who is director of Health Sciences Community Partnerships. Designed to give the community members a closer look at current activities and plans for the future, the program included brief remarks from Marisela Robles, community liaison for the Southern California Clinical and Translational Science Institute; Joseph Coccozza, research assistant professor of ophthalmology at the Keck School of Medicine of USC, and three Bravo High School students who do research on campus through a program Coccozza directs; and Laurie Stone, executive director of land use and planning.



Jon Nalick

The Weekly NEWSMAKERS

April 9 broadcasts on KCBS-TV and KCAL-TV featured **John Lipham**, associate professor of surgery at the Keck School, and a patient of his who became the first in the country to receive a new GERD implant since the device’s FDA approval in March.

An April 9 post on KPCC-FM’s blog mentioned a new leukemia treatment developed at Children’s Hospital Los Angeles by **Nora Heisterkamp**, professor of pediatrics and pathology at the Keck School, and colleagues. “Although we have made tremendous progress in the treatment of leukemia, Dr. Heisterkamp and her colleagues’ research into drug-resistant disease fills a crucial need,” said **D. Brent Polk** of the Keck School.

The April 5 episode of *The Today Show* on NBC quoted **Sean Nordt**, director of toxicology in the Keck School’s Department of Emergency

Medicine, on the danger of combining prescription medications, cocaine and alcohol as part of a story about the death of singer Whitney Houston.

An April 5 article on CNN.com quoted **Daniel Campbell**, assistant professor of psychiatry and behavioral sciences at the Keck School, in a story about several autism studies that also cited Campbell’s research indicating that a certain gene can contribute to autism risk. Campbell also was quoted by *Time* and *The Scientist*.

An April 2 report in Medscape News quoted **Rohit Varma**, professor of ophthalmology and preventive medicine at the Keck School, in a story about USC research indicating that controlling smoking, blood pressure and other risk factors may reduce the risk of developing cataracts.

Calendar of Events

This Calendar of Events is also online at www.usc.edu/hscscalendar for the Health Sciences campus community

Monday, Apr. 16

Noon. Broad Center Research Seminar. “Towards Personalized Medicine: Chemical and Genetic Approaches to Patient-Specific Models of Neurodegenerative Disease,” Justin Ichida, Harvard. NRT Aresty Auditorium. Info: (323) 442-7732

Wednesday, Apr. 18

Noon. ZNI Seminar. “Treadmilling Actin Filament Arrays and Axon Growth,” Paul Forscher, Yale. ZNI 112. Info: (323) 442-2144

4 p.m. Center for Technology and Innovation in Pediatrics. “Pediatric Medical Device Rounds,” various speakers. UPC: DRB 101. Info: (323) 442-7732

Thursday, Apr. 19

Noon. Dean’s Translational Medicine Seminar cosponsored with CHLA. “Toward a Fourth Generation of Disparities Research to Achieve Health Equity,” Sandra Crouse Quinn, School of Public Health, and Stephen B. Thomas, Maryland Center for Health Equity, both from University of Maryland. NRT Aresty Auditorium. Info: (323) 442-7874

Friday, Apr. 20

8:30 a.m. Research Seminar. “The Integrative Genomics of Asthma,” Benjamin Raby, Harvard. IRD 732-734. Info: (323) 226-7923

8:30 a.m. Surgical Grand Rounds: The 14th Annual Lyman Brewer Professor Lectureship. “Bicuspid Aortic Valve and Flow Mediated Aortopathy,” Loyola University, DOH 100. Info: (323) 442-2506

8 a.m. – 6 p.m. Translational and Clinical Research in ONJ 2012, co-sponsored by the Center for Craniofacial Molecular Biology and Ostrow School of Dentistry and the Keck School of Medicine of USC. “Anti-Resorptive Agent Induced Osteonecrosis of the Jaw: Pathogenesis and Management,” various speakers. NRT Aresty Auditorium. Info: (323) 442-7874

1 p.m. Stem Cell and Developmental Biology Group Seminar. “ACSVL3 and the Role of Lipid Metabolism in Glioma Malignancy and Development,” Paul Watkins, Johns Hopkins. BCC First Floor Conference Room. Info: (323) 442-8080

Tuesday, Apr. 24

Noon. USC Global Health Lecture Series. “A Struggle for Reliance: The Future of WHO,” Kelley Lee, London School of Tropical Medicine. Lunch will be served. UPC: TCC 450. Info: (323) 865-0419

Wednesday, Apr. 25

Noon. ZNI Seminar. “The Role of Inhibitory Circuits in Cerebellar Cortical Processing,” Court Hull, Harvard. ZNI 112. Info: (323) 442-2144

Noon. TSRI Research Seminar. “Training Pediatric Researchers,” Hugh O’Brodvich, Stanford. CHLA Saban Building Auditorium. Info: (323) 361-2278

Friday, Apr. 27

8:30 a.m. Research Seminar. “Alveolar Epithelial Cell Dysfunction in IPF: The Role of Endoplasmic Reticulum Stress,” William Lawson, Vanderbilt. IRD 732-734. Info: (323) 226-7923

Noon. Center for Applied Molecular Medicine. “Microfluidics for Cancer Cell Chemotaxis,” Mingming Wu, Cornell University. CSC 250. Info: (323) 442-3849

Sunday, Apr. 29

3 p.m. KSOM Orange County Reception: Dean Puliafito hosts the OC Trojan Family and introduces the newly appointed director of the USC Norris Comprehensive Cancer Center, Stephen Gruber. Balboa Bay Club, 1221 West Coast Highway, Newport Beach, CA 92663. To RSVP: keck.usc.edu/balboabayclub, Info: (323) 442-1767

Notice: Deadline for calendar submission is 4 p.m. Monday to be considered for that week’s issue—although three weeks’ advance notice of events is recommended. Please note that timely submission does not guarantee an item will be printed. Send calendar items to *The Weekly*, KAM 400 or fax to (323) 442-2832, or email to eblaauw@usc.edu. Entries must include day, date, time, title of talk, first and last name of speaker, affiliation of speaker, location and a phone number for information.



Photos/Jon Natick



Above, from left, Keck School students Tim Hsia, Lia Jacobson, Chelsea Boe and Raj Dedhia discuss the daily challenges and rewards of medical school at the March 29 “Mini Medical School” for parents—a free program featuring lectures by faculty, discussions on student experiences with students and tours of the Health Sciences campus. Left, parents laugh at the answer to a question about what they can do to be supportive of medical students undergoing stressful exams: “Send food—and money.”

125 parents master medical school in a single day—sort of

By Imelda Valenzuela Fowler
Working on a cadaver in gross anatomy lab for the first time is an intimidating experience for medical students. But the Keck School of Medicine of USC does “an excellent job of introducing us to it,” said Lia Jacobson, a second-year medical student.

Jacobson was one of four medical students answering questions on a panel during the third annual Mini Medical School on March 29. Over 125 parents of medical students gathered on the Health Sciences campus to get a day-in-the-life glimpse of student life at the event hosted by the Keck School’s Parents Association.

“One of the things that we get asked about most by our parents and family is the cadaver experience—that first experience in gross anatomy,” said Jacobson. “Our gross anatomy professor offered to take us down there initially to just be in the room, to see and touch a cadaver and get comfortable with it, and that really helped us adjust.”

Keck School Dean Carmen A. Puliafito spoke about the success of the recent match day on which fourth-year students learned where they will spend the next four years as medical residents. “This was probably the most impressive match in Keck School history as more than 50 percent of our students

obtained their first residency program choice and a much higher percentage obtained their first or second choice,” he said. “That is truly remarkable and a testament to the quality of our students, faculty and programs and to our firm position as one of the best medical schools in the United States.”

The dean also emphasized the need for student scholarships. “Scholarships for our medical students are a high priority in the recently launched Keck Medicine fundraising initiative. It is our school’s desire to make more scholar-

ships available to help alleviate the rising costs of a medical education.”

The afternoon began with a welcome reception held in the lobby of Mayer Auditorium. Popular faculty member Raquel Arias, associate dean of academic affairs, served as Master of Ceremonies and gave a presentation. Jo Marie Reilly, another favorite instructor and associate director of the Department of Family Medicine, also gave a lecture. Parents closed the day with tours of the Health Sciences campus led by current medical

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Visit the USC Web: <http://emergency.usc.edu> This page will be activated in case of an emergency. Backup Web servers on the East Coast will function if the USC servers are incapacitated.