UCLA School of Dentistry gets $5M from NIH to train future leaders in oral health research

In recent years, faculty at the UCLA School of Dentistry has been expanding the traditional boundaries of dentistry through groundbreaking multidisciplinary research that has led to major advances in everything from stem cell science to saliva diagnostics.

Now, a $5 million grant from the National Institutes of Health’s National Institute of Dental and Craniofacial Research will allow the school to continue these pioneering efforts by creating a comprehensive research training program to help cultivate the next generation of dentist–scientists and oral health researchers.

The grant — now in its fourth cycle and third renewal since 1997 — establishes a pipeline that transforms dentists into leaders in science and research who will advance the oral health field and the dental profession. And while prior grant cycles allowed only U.S. citizens and permanent residents to participate in the training programs, the new five-year grant for the first time enables foreign dentists to benefit from the NIH funds.

“This grant renewal is exciting because it allows us to open up the trainee positions to an international pool of dentists,” said Dr. David Wong, the school’s associate dean of research and the Felix and Mildred Yip Endowed Professor in the division of oral biology and medicine.

“This grant echoes the overall culture and environment of the UCLA School of Dentistry, as we are known throughout the world as a leader in academic excellence, and many talented foreign dentists come here to obtain a PhD or do postdoctoral training,” said Dr. No-Hee Park, dean of dentistry.

Trainees accepted into the programs will benefit from an international pool of dentists, as well as staff members whose work is impacting oral health field on a regional, national and even international level.

The UCLA School of Dentistry is dedicated to improving the oral health of the people of California, the nation and the world through its teaching, research, patient care and public service initiatives.

The school provides education and training programs that develop leaders in dental education, research, the profession and the community, conducts research programs that generate new knowledge, promote oral health and investigate the cause, prevention, diagnosis and treatment of oral disease in an individualized disease-prevention and management model, and delivers patient-centered oral health care to the community and the state.

(Source: UCLA School of Dentistry)
Dr. John Russo created and prepared the scientific program for the Orlando World Congress. A diversified and international faculty will honor this World Congress, he said. The complete scientific program is as follows:

**Thursday, September 20**

**Afternoon session host:** Dr. John Russo 12:45 to 1 p.m. — Opening comments, Drs. Kenneth Judy, Jon Suzuki and John Russo 1:20 to 1:40 p.m. — Dr. Michael Pikas: “Alveolar Ridge Regenerative Strategies — Autogenous Bone vs. Tissue Engineering” 2:00 to 3 p.m. — Dr. Richard Kraut: “Predictable Horizontal and Vertical Bone Augmentation of the Alveolar Ridges” 3:30 to 4:30 p.m. — Dr. Kenneth Hebel: “The Revolutionary Digital Denture: A Game Changer for Implant Dentistry” 6:30 to 8 p.m. — Tabletop and Poster Presentations/Welcome Reception

**Friday, Sept. 21**

**Morning session host:** Dr. Thomas Ford 8 to 9 a.m. — Dr. Craig Misch: “Emerging Trends in Methods and Materials for Bone Augmentation” 9 to 10 a.m. — Dr. Edwin McGlumphy: “The Edentulous Maxilla: Questions and Answers to Current Implant Controversies” 10 to 10:30 a.m. — Dr. Robert Marx: “The Effective Use of (rhBMP-2) in Ridge Augmentation Prior to Implant Placement” 11:30 a.m. to 12:30 p.m. — Dr. Bradley McAllister: “Bone Augmentation with Ceramic Allografts” 12:30 to 1:30 p.m. — Lunch with exhibitors

**Friday, Sept. 21**

**Afternoon session host:** Dr. Thomas Ford 13 to 2:30 p.m. — Dr. Carl Misch: “Prosthetic-Related Complications” 2:30 to 3:30 p.m. — Dr. Rick Ferguson: “Bone Grafting — Misconceptions and Strategies for Predictable Success” 3:30 to 4:30 p.m. — Break with exhibitors 4:30 to 5:30 p.m. — Dr. Shohei Kasugai: “New Approach to Bone Augmentation: Respecting Endogenous Key Players and Providing Space for Regeneration” 5 to 6 p.m. — Dr. John Russo: “Reduce Complications, Increase Confidence, Achieve Excellence” 7 to 8 p.m. — Awards ceremony

**Saturday, Sept. 22**

**Morning session host:** Dr. Rick Ferguson 8 to 9 a.m. — Dr. Bach Le: “Management of Complex Cases” 9 to 10 a.m. — Dr. Mikael Suzuki: “Contemporary Reconstructive Thursday Morning Surgery: Myths, Realities and Future Trend in Dentistry” 11:30 a.m. to 12:30 p.m. — Dr. Jeremy Mao: “Regenerative Dental Products: Science, Fiction or Reality” 12:30 to 1:30 p.m. — Lunch with exhibitors

**Saturday, Sept. 22, 2012**

**Afternoon session host:** Dr. Scott Ganz 1:30 to 2:30 p.m. — Dr. Alan Fetter: “Subcrestal Implant Placement to Optimize Soft-Tissue Esthetics — Controversy and Practicality” 2:30 to 3:30 p.m. — Dr. Fred Bergmann: “Current Protocol of Bone and Soft-Tissue Management in the Atrophic Alveolar Ridge for the Long-Term Esthetic and Functional Outcome” 3:30 to 4:30 p.m. — Break with exhibitors 4:30 to 4:45 p.m. — Dr. Scott Ganz: “A Comparison of Interactive Software Applications in Assessing the Reality of Anatomy: Diagnostics and Implant Planning Accuracy” 4:45 to 5:30 p.m. — Dr. Ady Palti: “Soft-Tissue Management for Esthetic Results with Modified Abutments. A New Concept for the Daily Practice” 5:30 to 6:00 p.m. — Dr. Mariano Herrero Climent: “Surgical Decision Making in Esthetic Implant Dentistry” 6:00 to 6:30 p.m. — Dr. Konstantinos Valavanis: “Perimplant Tissue Design: Parameters and Key Factors for Optimum Esthetics” 6:30 p.m. — Closing comments, Drs. Jon Suzuki and John Russo

A large number of sponsored pre-Congress courses will be offered on Thursday morning, Sept. 20. The event’s Gold Sponsors, DENTSPF YLE IMPLANTS and MIS, will provide hands-on courses. Dr. Jim Kim, and his sponsor, DENTSPF YLE, will wow attendees with his course on “Mastering Clinical Digital Photography,” organizers said. Among other things, this course will instruct attendees on mastering the techniques for surgical and cosmetic operative documentation purposes.

MIS’s representative, Dr. Amos Yahav, will cover “Bone Augmentation and Ridge Preservation for Implant Placement,” utilizing bone-grafting materials and hard-tissue models for hands-on experience.

Silver Sponsors will also conduct pre-congress courses, starting with Osteogenics and Dr. Michael Pikas, whose top-ic will be “Extraction Site Management for Implant Reconstitution. Hands-on Workshop.” The hands-on segment will include models for socket grafting, connective tissue grafting and free gingival grafting.

Dr. Dennis Smiler and NBONE will provide a hands-on workshop on “Solving the Challenges of Bone Graft Success. Successful Grafting with Stem Cells, StemViva Matrix, Growth Factors.” Attendees at this course will receive anatomic take-home models, DVD mov-ies of bone marrow aspiration technique and a sterile sample of StemViva Matrix.

Dr. Carl Misch will discuss “Controversies in Periodontal Implant Surgery: Myths, Realities and Future Trend in Dentistry.”

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For more information on this meeting, visit ICOI’s web site at www.icoi.org.
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