

## James Chang, MD

Professor and Chief of the Division of Plastic and Reconstructive Surgery

James Chang, MD, Professor and Chief of the Division of Plastic and Reconstructive Surgery, graduated from Yale Medical School with Alpha Omega Alpha honors – and was a Sarnoff Research Fellow at University of California-San Francisco Medical Center. He then completed a residency in plastic and reconstructive surgery at Stanford and a hand/microsurgery fellowship at University of California-Los Angeles Medical Center.

Currently a Professor of Plastic Surgery and Orthopedic Surgery at Stanford University Medical Center, Dr. Chang is also an Attending Surgeon at Lucile Salter Packard Children's Hospital and the VA Palo Alto Health Care System; at the VA he serves as director of the Plastic and Hand Surgery Laboratory. His main surgical interests are in reconstructive surgery of the hand and extremities including microsurgical reconstruction, but he also performs pediatric hand and microsurgery, post-oncologic head and neck reconstruction, and lower extremity reconstruction.

Dr. Chang is the recipient of two, recent, multi-year Federal Merit Review Awards on "Tissue Engineered Flexor Tendon Grafts for Extremity Reconstruction" and "Optimization of Bioengineered Tendons Using Bioreactors and Stem Cells." He is the past Editor-in-Chief of the Yearbook of Hand Surgery and an Associate Editor for: *Journal of Hand Surgery*, *Annals of Plastic Surgery*, *Hand*, and *Microsurgery*. A former Royal College of Surgeons Foundation traveling fellow, he also was awarded the 2006 Sterling Bunnell Traveling Fellowship by the American Society for Surgery of the Hand. He served as Research Director for the American Society for Surgery of the Hand and is currently a member of the Plastic Surgery Residency Review Committee of the ACGME and a board member of the American Board of Plastic Surgery.



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"The incredible intricacy of the hand requires and allows lifelong learning, research, and innovation."

**JAMES CHANG, MD**

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## Catherine Curtin, MD

Associate Professor in the Stanford Division of Plastic and Reconstructive Surgery

Catherine Curtin, MD, Associate Professor in the Stanford Division of Plastic and Reconstructive Surgery is a graduate of Yale Medical School. She did her plastic surgery residency at the University of Michigan and completed her training as the Stanford Hand Fellow from 2006-2007. She also completed the Robert Wood Johnson Clinical Scholars program, a fellowship in Health Services research.

Dr. Curtin performs upper extremity and reconstructive surgeries, and is particularly interested in peripheral nerve injuries and reconstructive procedures after spinal cord injury. She also performs all forms of treatment for Dupuytren's contracture, including needle aponeurotomy, collagenase injection, and formal surgical excision. Because of her interest in chronic pain and its relation to surgery, Dr. Curtin has been working closely with the pain specialists at Stanford to improve post-operative pain, which has led to both clinical and research collaborations.

Dr. Curtin has a joint appointment at Stanford and the Veterans Affairs (VA) Palo Alto Health Care System, and through the VA, she has received a Career Development Award to pursue research focused on improving the upper extremity health in people with spinal cord injury. This interdisciplinary work aims to improve care of the upper limb in spinal cord injury by bridging the gaps between rehabilitation physicians and surgeons. Dr. Curtin also was a co-investigator in the phase III clinical trials of collagenase for Dupuytren's contracture, and is associate editor for the *Journal of Hand Surgery*.



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“There is nothing more satisfying than fixing something that is broken.”

**CATHERINE CURTIN, MD**

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## Sabine Girod, MD, DDS, PhD

Chief of Dentistry and Director of the Oral & Maxillofacial Surgery Service at Stanford

Sabine Girod, MD, DDS, PhD, is Chief of Dentistry and Director of the Oral & Maxillofacial Surgery Service at Stanford. She received her DDS from the University of Bonn, Germany, her MD from the University of Hannover Germany, and her PhD from the University of Cologne, Germany. She trained in oral and cranio-maxillofacial surgery in Germany and completed a postdoctoral research fellowship at the Dana-Farber Cancer Institute (Harvard Medical School) in Boston. She is currently an Associate Professor of Plastic Surgery and Otolaryngology (by courtesy) at Stanford University Medical Center.

Dr. Girod is an attending surgeon at Stanford Hospital and Lucile Salter Packard Children's Hospital and a researcher at the VA San Francisco. Her special clinical and research interests include reconstruction of complex craniofacial injuries and maxillofacial deformities, including orthognathic surgery, bone replacement, distraction osteogenesis, and osseointegrated implants. She has received multiple honors and awards for her clinical and research work, teaches nationally and internationally, and has published extensively on oral, maxillofacial, and craniofacial surgery.

In addition to her academic and clinical work as a surgeon, Dr. Girod was selected as a Faculty Fellow and for the Physician Leadership Program at the Stanford School of Medicine. She recently received a fellowship award from the Gender Research Institute at Stanford and the McCormick Research Award from the Dean's office at the Stanford School of Medicine. She is involved in several programs with the Office of Diversity and Leadership that contribute to excellence and diversity at multiple levels in the Stanford School of Medicine. Her other major interests are the challenges and changes academic medical center are facing in a rapidly changing health care environment nationally and internationally.



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**“In cranio-maxillofacial surgery, we change and restore faces and help our patients to lead normal lives.”**

**SABINE GIROD, MD, DDS, PHD**

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## Geoffrey C. Gurtner, MD

Professor and Associate Chairman in the Department of Surgery at Stanford

Geoffrey C. Gurtner, MD, Professor and Associate Chairman in the Department of Surgery at Stanford University, is a magna cum laude graduate of Dartmouth College and an Alpha Omega Alpha graduate of the University of California-San Francisco School of Medicine. He completed a general surgery residency at the Massachusetts General Hospital/Harvard Medical School program, a plastic surgery residency at the New York University School of Medicine and received advanced training in microsurgery at the University of Texas-MD Anderson Cancer Center. He is currently double boarded in surgery and plastic surgery.

In addition to maintaining an active surgical practice in aesthetic surgery, wound healing and breast cancer reconstruction, Dr. Gurtner has two current National Institutes of Health R01 awards, three Department of Defense grants and numerous smaller awards from foundations and the private sector. He is the author of over 120 peer-reviewed publications, an editor for the sixth edition of Grabb & Smith's Plastic Surgery and the Yearbook of Plastic Surgery, received the James Barrett Brown Award from the American Association of Plastic Surgeons in both 2009 and 2010 and is a James IV traveling fellow for 2010.

Dr. Gurtner is also a member of the Stanford Biodesign Program, a joint venture between the Stanford Business and Medical Schools focusing on medical technology innovation. He holds multiple patents and patent applications in vascular medicine, wound healing and aesthetic medicine, is active in the commercialization of new technologies for clinical practice and has founded several venture backed start-up companies in the San Francisco Bay Area.



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“Helping women face breast cancer is a privilege. Their grace and courage gives me the audacity to pursue perfection on their behalf.”

**GEOFFREY C. GURTNER, MD**

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## Jill Helms, MD, PhD

Professor in the Stanford Division of Plastic and Reconstructive Surgery

Jill Helms, DDS, PhD, Professor in the Stanford Division of Plastic and Reconstructive Surgery, graduated from the University of Minnesota School of Dentistry and completed both her residency and PhD at the University of Connecticut Health Sciences Center.

Dr. Helms also is currently Professor and Hagey Faculty Scholar at Stanford University School of Medicine where she runs a laboratory under the auspices of the Division of Plastic and Reconstructive Surgery and the Hagey Pediatric Regenerative Medicine Laboratories.

Dr. Helms is a member of the Hagey Pediatric Regenerative Medicine Laboratories, where she serves as Principal Investigator. Her laboratory has a long-standing interest in embryonic tissue development and adult tissue regeneration, with an emphasis on neural crest stem cell biology and regenerative medicine. She is the recipient of multiple National Institutes of Health grants and a co-investigator on grants through the California Institute of Regenerative Medicine and the Department of Defense.

Dr. Helms also has developed a robust teaching program, targeting students of all ages and teaches undergraduates, medical and dental students, and seniors. She regularly lectures for Continuing Studies classes, overseas seminar programs, informal science education cafés, as well as in television programming for Animal Planet, the Discovery Channel, and the British Broadcasting Corporation. In addition, she is on the editorial board for two journals and reviews grants and manuscripts for a range of high-profile journals. She is the past president of the Society for Craniofacial Genetics and the San Francisco chapter of the American Association of Dental Research, and she serves on a number of scientific advisory boards and outreach programs to interest under-represented minorities in the fields of medicine and biology.



“Beyond understanding the genetic, molecular, and cellular processes that regulate craniofacial development, we must remember how differences in facial anatomy deeply affect an individual's self-perception and their acceptance in our beauty-conscious society.”

**JILL HELMS, MD, PHD**

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## Vincent R. Hentz, MD

Professor of Surgery and Professor of Orthopaedic Surgery (by courtesy) and Chief of the Hand Surgery Center at the Veterans Affairs Palo Alto Health Care System

Vincent R. Hentz, MD, is Professor of Surgery and Professor of Orthopaedic Surgery (by courtesy) and Chief of the Hand Surgery Center at the Veterans Affairs Palo Alto Health Care System. He graduated from the College of Medicine, University of Florida as a member of the Alpha Omega Alpha Honors Society. He completed a residency in general and plastic surgery at Stanford University and a fellowship in Hand Surgery at the Roosevelt Hospital, New York. Dr. Hentz is affiliated with the Stanford Hospital and Clinics and is an attending surgeon at the Lucille Salter Packard Children's Hospital at Stanford.

Dr. Hentz's primary areas of clinical interest include treatment of obstetrical brachial plexus injuries in babies, brachial plexus injuries in adults, and injured peripheral nerves throughout the body. He has an interest in and great experience in the management of hands contracted by Dupuytren's disease.

A Veterans Affairs funded researcher, Dr. Hentz conducts research focused on the biomechanics of hand and arm function in individuals who have suffered cervical spinal cord injury. He also is a principal investigator in several clinical trials of novel treatments for Dupuytren's disease. Dr. Hentz has authored or co-authored six textbooks and more than 100 peer-reviewed scientific articles. He is a past president of the American Society for Surgery of the Hand and serves as Deputy Editor of the *Journal of Hand Surgery*.



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**“Aside from the brain, our hands are our greatest asset.”**

**VINCENT R. HENTZ, MD**

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## David Kahn, MD

Clinical Associate Professor in the Division of Plastic and Reconstructive Surgery

David Kahn, MD, is Clinical Associate Professor in the Division of Plastic and Reconstructive Surgery. He attended Tufts University graduating with honors both overall and for his thesis, and then graduated from Albany Medical College. He completed his general surgery residency at the University of Medicine and Dentistry of New Jersey in Newark, and his plastic surgery fellowship at the University of California-San Francisco. Dr. Kahn followed this with sub-specialty fellowship training at the Institute for Reconstructive Plastic Surgery located at New York University Medical Center before concluding his training at Stanford University with a fellowship in craniofacial surgery.

An attending surgeon at Stanford Hospital and Co-Director of the Cosmetic Surgery Program, Dr. Kahn's main surgical interests are in aesthetic surgery of the face, including cosmetic and functional rhinoplasty, cosmetic and reconstructive breast surgery, and body contouring surgery. As an attending physician at the Lucille Salter Packard Children's Hospital, Dr. Kahn continues to pursue his interest in craniofacial surgery.

Dr. Kahn's research interests include evaluating how the face ages and rejuvenation techniques, functional rhinoplasty, and cosmetic and reconstructive breast surgery. He is a member of the in-service examination committee for the Plastic Surgery Educational Foundation, an associate editor of *e-Plasty*, and an invited reviewer for several peer review journals. A member of several societies including The American Society for Aesthetic Plastic Surgery and the American Society of Plastic Surgery, Dr. Kahn was recently elected into the prestigious American Association of Plastic Surgeons.



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“In cosmetic surgery and aesthetic reconstructive surgery the key to success is listening to patients. I take great pride in understanding my patients' hopes as, together, we strive to achieve a beautiful result.”

**DAVID KAHN, MD**

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## Rohit K. Khosla, MD

Assistant Professor in the Stanford Division of Plastic and Reconstructive Surgery

Rohit K. Khosla, MD, is Assistant Professor in the Stanford Division of Plastic and Reconstructive Surgery. He graduated with a Bachelor of Arts in Biochemistry and Molecular Biology from Boston University, and then attended the University of Connecticut School of Medicine. He completed a plastic surgery residency at the University of Texas Southwestern Medical Center in Dallas and concluded his training with a craniofacial fellowship at the University of Washington in Seattle.

An attending surgeon at Lucile Packard Children's Hospital and Stanford Hospital and Clinics, Dr. Khosla's primary surgical interests are in pediatric and adult craniofacial reconstruction, aesthetic surgery, vascular malformations, skin cancer reconstruction, and lower extremity reconstruction. He also volunteers overseas providing plastic surgery care in developing countries.

Dr. Khosla's current research focuses on craniofacial dysmorphology in craniosynostosis. He is actively involved in the establishment of clinical care protocols and clinical research databases for the craniofacial center at the Lucile Packard Children's Hospital, which are aimed at standardizing and improving delivery of craniofacial care. He also is a reviewer for *Plastic and Reconstructive Surgery* and the *Cleft Palate Craniofacial Surgery Journal*.



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"The most rewarding aspect of my practice is to see how plastic surgery positively changes the lives of my patients and their families."

**ROHIT K. KHOSLA, MD**

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## Gordon Lee, MD

Associate Professor of Surgery and Director of Microsurgery at Stanford University

Gordon Lee, MD, Associate Professor of Surgery and Director of Microsurgery at Stanford University, completed his undergraduate degree in biology at University of California-Los Angeles, graduating magna cum laude. He attended medical school at Stanford University School of Medicine and completed a residency in general surgery/plastic and reconstructive surgery at University of California-Los Angeles Medical Center. Inspired by Dr. William Shaw, a pioneer in microsurgery and breast reconstruction, to pursue a career in academic plastic surgery, Dr. Lee completed an advanced microsurgery and reconstructive plastic surgery fellowship in the Department of Plastic Surgery at the University of Texas M. D. Anderson Cancer Center in Houston, Texas. He served as Chief of the Section of Microsurgery at Texas A&M, the Scott & White Clinic, before returning to Stanford.

Dr. Lee's main clinical interests are in complex reconstructive surgery of the head and neck, breast, extremity, genitalia, and abdominal wall. He works closely with other physicians in the Stanford Comprehensive Cancer Center to provide reconstructive plastic surgery services to a large patient base in northern California and has expertise in microsurgical reconstruction utilizing the latest techniques in perforator flaps.

Passionate about teaching the residents, fellows, and medical students the principles and practice of plastic surgery, Dr. Lee is the Residency Program Director and oversees the educational curriculum for residents in a fully accredited and highly competitive integrated plastic surgery program. Residents have twice recognized Dr. Lee as Teacher of the Year; he also directs a fellowship program to provide advanced clinical experience and training in microvascular surgery.

Dr. Lee's research interests are in outcomes after breast reconstruction and head and neck reconstruction. He also enjoys strong collaborations with the basic science departments investigating muscle stem cells, adipocyte stem cells, and skin signaling receptors and physiology. An Associate Editor for the *Hand & Microsurgery Section, Annals of Plastic Surgery Journal*, Dr. Lee also is on the editorial board for *Microsurgery Journal*. In addition, he is board certified by the American Board of Plastic Surgery, Inc., and is an active member of the American Society for Reconstructive Microsurgery, the California Society of Plastic Surgeons, the Association of Academic Chairmen of Plastic Surgery, and the American Society of Plastic Surgeons (ASPS). He serves on several national committees for ASPS.



“The future vitality of plastic surgery lies in the successes of the students, residents, and fellows that we teach and train. They will create, reinvent, and innovate. They are my inspiration.”

**GORDON LEE, MD**

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## Michael T. Longaker, MD, MBA

Deane P. and Louise Mitchell Professor, Deputy Director of the Institute of Stem Cell Biology and Regenerative Medicine, and Director of the Program in Regenerative Medicine at Stanford

Michael T. Longaker, MD, MBA, is Deane P. and Louise Mitchell Professor, Deputy Director of the Institute of Stem Cell Biology and Regenerative Medicine, and Director of the Program in Regenerative Medicine at Stanford. He earned his medical degree at Harvard Medical School, completed his general surgical residency at University of California-San Francisco, a residency in plastic surgery at New York University, and a craniofacial fellowship at University of California-Los Angeles. In 2003, he received MBAs from Columbia University and the University of California-Berkeley, in their inaugural combined MBA program.

At the Stanford School of Medicine, Dr. Longaker is Director of Research in the Division of Plastic and Reconstructive Surgery; Director of the Children's Surgical Research Program in the Hagey Laboratory for Pediatric Regenerative Medicine; and Professor, by courtesy, in both the Department of Bioengineering and Department of Materials Science and Engineering.

Dr. Longaker's research areas include cellular and molecular components of wound healing, developmental biology, tissue engineering and repair, craniofacial development and fate of the growth plates of the skull; wound repair; mechanisms of underlying scarring; and adipose-derived stem cell biology for musculoskeletal tissue regeneration. He is one of a very few surgeons elected into the American Society for Clinical Investigation, Association of American Physicians, and the Institute of Medicine of the National Academies of Science in Washington, D.C.



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"My laboratory focuses on reparative replacement and regenerative medicine. We interact with scientists broadly both within the School of Medicine and across the University. Specific areas of focus include minimizing scar formation following surgery or injury, the use of adipose derived cells for tissue engineering, understanding craniofacial development with an eye towards treating craniofacial diseases, and small molecule approaches for tissue regeneration."

**MICHAEL T. LONGAKER, MD, MBA**

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## H. Peter Lorenz, MD

Professor and Service Chief of Plastic and Reconstructive Surgery at the Lucile Packard Children's Hospital and Director of the Craniofacial Surgery Fellowship at Stanford University Medical Center

H. Peter Lorenz, MD, is Professor and Service Chief of Plastic and Reconstructive Surgery at the Lucile Packard Children's Hospital and Director of the Craniofacial Surgery Fellowship at Stanford University Medical Center. Dr. Lorenz graduated from the University of Michigan School of Medicine with Alpha Omega Alpha honors. He completed his general surgery residency at University of California-San Francisco, including five clinical years of surgery and a three-year research fellowship in the University of California-San Francisco Fetal Treatment Center, where he developed an interest in scarless fetal wound healing. He then completed a plastic and reconstructive surgery residency at University of California-Los Angeles and, finally, a craniofacial surgery fellowship at the Lucile Packard Children's Hospital and the Stanford University Hospital.

Dr. Lorenz's major clinical interests are in cleft and craniofacial surgery. He also has interest in pediatric plastic surgery, facial trauma repair, and vascular anomaly resection.

The recipient of a multi-year National Institutes of Health R01 award, "Skin Regeneration: Cellular & Molecular Mechanisms," Dr. Lorenz's research focuses on skin stem cells and wound regeneration. His group investigates stem cell function in scarless wounds and translation to scarring wound repair.



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"Understanding the mechanisms of skin regeneration enables us to develop new therapies to reduce scarring and deformity in our patients."

**H. PETER LORENZ, MD**

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## Dung Hoang Nguyen, MD, PharmD

Clinical Assistant Professor in the Division of Plastic and Reconstructive Surgery at Stanford University

Dung Hoang Nguyen, MD, PharmD, is a Clinical Assistant Professor in the Division of Plastic and Reconstructive Surgery at Stanford University. She graduated with a Bachelor of Science in Biochemistry and was awarded the Herbert Young Award for Outstanding Academic Achievement from the University of California, Davis. She went on to receive a Doctor of Pharmacy degree from the University of California, San Francisco and a medical degree from the University of California, San Diego. She completed her internship and residency in general surgery and a residency in plastic and reconstructive surgery at the University of Southern California Medical Center. She is fellowship trained in reconstructive microsurgery from Chang Gung Memorial Hospital in Taiwan.

Dr. Nguyen's primary clinical interests are in breast reconstruction, complex tissue reconstruction utilizing microsurgery and supermicrosurgery, surgical treatment of lymphedema including vascularized lymph node transfer and lymphaticovenous anastomosis, head and neck reconstruction, upper and lower limb reconstruction, and aesthetic surgery.

In addition to her clinical commitment, Dr. Nguyen has research interest in lymphedema treatment. She is leading the effort to establish an evidence-based clinical treatment program for lymphedema at Stanford. She also enjoys volunteering on overseas medical missions.



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"Every patient is unique; as plastic and reconstructive surgeons, we strive to restore and enhance form and function, yet preserving the unique features of each patient."

**DUNG HOANG NGUYEN, MD, PHARM D**

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## Subhro K. Sen, MD

Clinical Assistant Professor in the Division of Plastic and Reconstructive Surgery

Subhro K. Sen, MD, Clinical Assistant Professor in the Division of Plastic and Reconstructive Surgery, graduated from Northwestern University with a degree in biomedical engineering. He went on to receive his medical degree from the Northwestern University Feinberg School of Medicine. After medical school, he completed a yearlong peripheral nerve research fellowship under Dr. Susan Mackinnon at the Washington University School of Medicine in St. Louis. He received his postgraduate training in general surgery at Indiana University, followed by plastic and reconstructive surgery at Johns Hopkins University. He completed his training with a hand and upper extremity surgery fellowship at Stanford University.

Dr. Sen's general clinical interests are in reconstructive surgery, microvascular surgery, and hand and upper extremity surgery. His practice includes: post-traumatic extremity reconstruction; post-oncologic reconstruction of the head and neck, trunk and extremities; perforator flap surgery; and melanoma surgery. He is also leading the effort to develop a comprehensive Wound and Limb Salvage Center at Stanford. As a hand surgeon in the Robert A. Chase Hand and Upper Limb Center, he has interests in hand trauma, degenerative conditions, peripheral nerve injuries, and congenital hand differences.

In addition to his clinical practice, Dr. Sen is involved in research, publication, and teaching. His peer-reviewed research includes studies on peripheral nerve regeneration, and he has authored a number of book chapters on a variety of hand surgery topics. He currently reviews manuscripts submitted for publication in *Plastic and Reconstructive Surgery* and *Annals of Plastic Surgery*. Dr. Sen is certified by the American Board of Surgery and is a candidate member of the American Society of Plastic Surgeons, the American Society for Surgery of the Hand, and the American Association for Hand Surgery.



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"As plastic surgeons we see an extraordinarily broad spectrum of reconstructive problems; this requires us to innovate to restore both function and appearance."

**SUBHRO K. SEN, MD**

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## Derrick C. Wan, MD

Assistant Professor in the Stanford Division of Plastic and Reconstructive Surgery

Derrick C. Wan, MD, Assistant Professor in the Stanford Division of Plastic and Reconstructive Surgery, is a graduate of Stanford University with Distinction and an Alpha Omega Alpha graduate of Columbia University's College of Physician and Surgeons. He trained in general surgery at University of California San Francisco and in plastic surgery at University of California-Los Angeles. He then completed additional fellowship training in both craniofacial surgery at University of California-Los Angeles with Dr. Henry K. Kawamoto and microsurgery at Chang Gung Memorial Hospital in Taiwan with Dr. Fu-Chan Wei.

As an attending surgeon at Stanford Hospital, Dr. Wan's main surgical interests include head and neck cancer reconstruction, as well as pediatric and adult craniofacial reconstruction. With his training background, he has particular expertise in microsurgery perforator flap techniques for this region. In addition, he also performs abdominal wall and lower extremity reconstruction.

Dr. Wan is the recipient of the American College of Surgeon's Franklin Martin, MD, FACS Faculty Research Fellowship on his grant entitled "Epigenetic Regulation of Adipose-Derived Stromal Cell Differentiation." Dr. Wan has served as a reviewer for Plastic and Reconstructive Surgery, Annals of Plastic Surgery, Journal of Craniofacial Surgery, and Tissue Engineering. His research interests include bone differentiation and tissue regeneration. He has extensively published in this field with over 100 scientific manuscripts and has received numerous awards for work. His group currently investigates stem cell biology and their use for bone reconstruction.



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“Translating what we learn in the laboratory to improved patient care is the most rewarding goal.”

**DERRICK C. WAN, MD**

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