

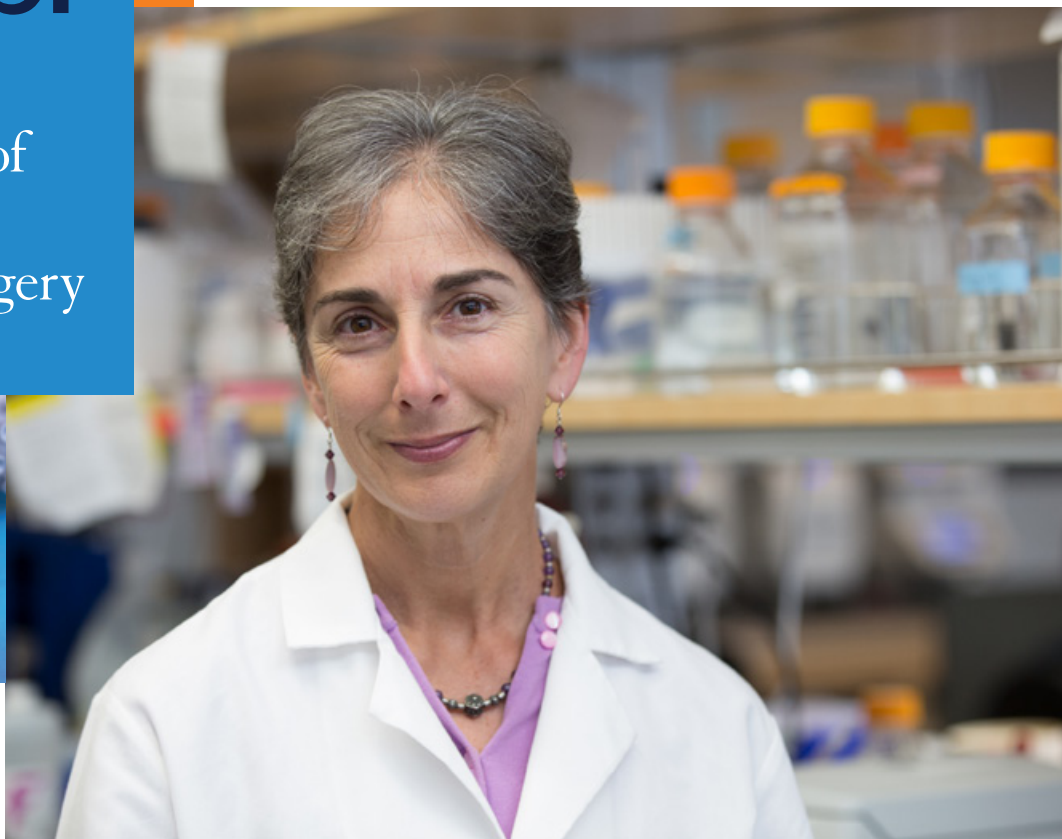
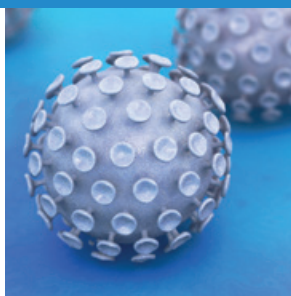
FALL 2018 | VOL. 15, ISSUE 2

HeadsUp!

News from the
UCSF Department of
Otolaryngology –
Head and Neck Surgery



University of California
San Francisco



Jennifer Grandis, MD

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Jennifer Grandis, MD, Takes Aim at Human Papilloma Virus

Jennifer Grandis, MD, will be pursuing high risk, high gain research on human papilloma virus, or HPV, with the support of a seven-year Outstanding Investigator Award (an R35 grant) from the National Cancer Institute.

Historically, most cancers that arise in the mouth or throat are associated with exposure to tobacco. But in the last decade there has been an explosion in the number of cancers that arise in the throat, due to infection with HPV.

"We know the HPV virus causes cervical cancer and also cancers in some other parts of the body. Now, increasingly, HPV is also causing cancers of the throat – so much so that this year there was a paper indicating that for the very first time, the number of throat cancers caused by HPV in men surpassed the numbers of cervical cancers in women. And it makes sense because the virus is ubiquitous. All humans are exposed to it once they are sexually active," said Dr. Grandis, who is the Robert K. Werbe Distinguished Professor in Head and Neck Cancer in the Department of Otolaryngology – Head and Neck Surgery.

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Message from the Chair

A Time of Honors, a New Facility, and New Faculty

This issue of *Heads Up!* gives me reason to feel proud of our Department of Otolaryngology – Head and Neck Surgery!

The lead article on page 1 tells of Jennifer Grandis's R35 Outstanding Investigator award from the NIH, which is a career honor that few can hope to attain. As you will read on page 4, Jenny also was honored with a distinguished professorship, having been named the Robert K. Werbe Distinguished Professor in Head and Neck Cancer. When you see her next time, please offer congratulations on this amazing and highly deserved recognition.

In September our department began providing services at our newest location at the Berkeley Outpatient Center, which is UCSF's first footprint in the East Bay. It is a fantastic facility that will be staffed by a number of faculty, but anchored by Anna Butrymowicz, MD, who recently joined us from New York. We are very excited to introduce her to you.

This issue of *Heads Up!* also introduces three other new faculty. Neil Bhola, PhD joined the department in February as an assistant professor. He is investigating the mechanistic and immunotherapeutic implications of chromatin regulation in drug resistant models of head and neck squamous cell carcinoma and non-small cell lung cancer as a member of the Head and Neck Cancer Laboratory. Andrea Park, MD joined the microvascular team as a reconstructive surgeon. Dr. Park will work out of all sites, but her main office will be the Facial Plastic Surgery Office on the Mount Zion Campus. And Matthew Spitzer, PhD, joined the department as an assistant professor who will be concentrating on advancing translational care for head and neck cancer patients.

Finally, UCSF Medical Center has been named Best in the West by *US News* with a #6 ranking. The Department of Otolaryngology – Head and Neck Surgery moved up to #7 in the *US News* ranks. And we remain #1 in NIH funding for an OHNS department as tallied by the Blue Ridge Institute for Medical Research.

I'd like to close by saying that I hope to see you soon at one of our CME courses in San Francisco or Hawaii.

Warmly,

Andrew H. Murr, MD, FACS

Chairman, Professor of Clinical Otolaryngology – Head and Neck Surgery, Department of Otolaryngology – Head and Neck Surgery



Andrew H. Murr, MD

Berkeley Outpatient Center

UCSF Offers OHNS Services at New Berkeley Facility

A new medical center in the heart of Berkeley, California, now includes the full range of clinical services offered by the UCSF Department of Otolaryngology – Head and Neck Surgery.

The Berkeley Outpatient Center, which is jointly operated by UCSF Health and John Muir Health, is located at 3100 San Pablo Avenue in Berkeley. The center opened in June 2018, and in September, Otolaryngology – Head and Neck Surgery joined other specialty and primary health care services already at the new site.

OHNS services available at the Berkeley Outpatient Center include:

- General Otolaryngology
- Facial Plastics and Reconstructive Surgery
- Rhinology/Sinus
- Sleep Medicine and Surgery
- Head and Neck Cancer and Endocrine Surgery
- Salivary Gland Surgery

In addition to surgical specialists, there is a full complement of audiologists and speech and swallow therapists to help the center cover the full breadth of otolaryngologic complaints.

Anna Butrymowicz, MD, is the lead otolaryngologist at the Berkeley Outpatient Center. She is an experienced otolaryngologist who came to UCSF in August after serving as a practicing otolaryngologist at Jacobi Medical Center in the Bronx, New York (see her profile on page 5).

"Dr. Butrymowicz has been instrumental in establishing the department's footprint in the East Bay," said Department Chair Andrew Murr. "She and our other UCSF Otolaryngology-Head and Neck Surgery experts offer the full range of our services in a local setting for East Bay patients."

"We are focused on the community," Dr. Butrymowicz said. "The Berkeley Outpatient Center offers high quality otolaryngology-head and neck surgery options to patients in the East Bay with the same empathy, attention to detail, and cutting-edge techniques that have made UCSF a household name."

The new center is located within easy access of the I-80 freeway and has ample validated parking onsite. There are numerous public transportation options nearby as well. ■



—Berkeley Outpatient Center

Taking Aim at HPV

Continued from page 1

Vaccination is key

It is likely that most of these HPV-related throat cancers can be prevented by FDA-approved vaccines. The FDA recently approved the HPV vaccine for adults between the ages of 27 and 45. The FDA previously approved the HPV vaccine for people age 9 to 26.

It is critical that children be vaccinated before they are exposed to the virus, and while vaccination against HPV appears to be rising among girls in most of the United States, boys are less commonly vaccinated. Legislation has been enacted in some states to facilitate or mandate HPV vaccination, but in most states parents can choose whether to vaccinate their children.

"Unless you have been vaccinated against the virus, you are at risk of getting the cancers associated with the virus. Until most of our population is vaccinated against this cancer-causing virus prior to exposure, we are going to continue to see an increasing number of head and neck cancers that are caused by HPV. How best to treat these cancers is the focus of my grant," Dr. Grandis explains.

"We know about smoking. We know to tell people not to smoke, and we know to help people to stop smoking – it is an addiction. But what we really can't do right now is protect the people who have not been vaccinated against HPV. And we understand that for the next 30 to 40 years – because it takes a long time for the virus to cause the cancer – we are going to continue to see an increasing number of throat cancers caused by this virus," she adds.

Focusing on genetics

Dr. Grandis says that people who have head and neck cancer caused by HPV do better than those with head and neck cancer from other causes. It is a different disease, with a better prognosis, because there are fewer genetic mutations to deal with.

"However, we still treat patients with HPV-associated head and neck cancer with toxic treatments including chemotherapy and radiation," says Dr. Grandis, whose research aims to take advantage of the vast amount of genetic information now available about these cancers to identify optimum



The FDA recently approved the HPV vaccine for adults between the ages of 27 and 45.

"Until most of our population is vaccinated against this cancer-causing virus prior to exposure, we are going to continue to see an increasing number of head and neck cancers that are caused by HPV. How best to treat these cancers is the focus of my grant."

— Jennifer Grandis, MD

therapeutic targets in patients' tumors. This will allow doctors to deliver more effective and less toxic therapy.

Members of Dr. Grandis's research team and others have already done plenty of work towards understanding the mutations that characterize HPV head and neck cancer. They can identify which mutations occur in which cancers, and there is a list of "activating mutations" that turn things on, and "inactivating mutations" that turn things off.

"We know which mutations are more common in HPV head and neck cancers, but what we really don't know is how to leverage that information for therapy," Dr. Grandis says.

Exploiting cells as therapeutic targets

A central goal of research for targeted cancer therapy, or precision oncology, is to reveal the intrinsic vulnerabilities



of cancer cells and exploit them as therapeutic targets. To identify vulnerabilities, scientists perform genetic "loss-of-function" and "gain-of-function" studies to better understand the roles of specific genes in cancer cells. OHNS researchers are employing technologies that are relatively new and that were largely invented at UCSF and at UC Berkeley. These technologies include the genetic engineering system called Clustered Regularly Interspaced Short Palindromic Repeats/CRISPR-Associated protein 9 (CRISPR/Cas9), as well as protein-protein interaction mapping using affinity purification mass spectrometry.

Daniel Johnson, PhD, a professor in OHNS, is the project co-director with Dr. Grandis. Their research team includes Mi-Ok Kim, PhD, a professor in Epidemiology and Biostatistics, Danielle Swaney, PhD, an assistant professor in Cellular and Molecular Pharmacology, and Neil Bhola, an assistant professor in OHNS.

The R35 grant will allow Dr. Grandis to collaborate with scientists in the lab of Nevan J. Krogan, PhD, in the Department of Cellular and Molecular Pharmacology. They will collectively perform synthetic genetic interaction screening and combine the results with

Continued on next page

Pursuing High Risk, High Gain Research

Continued from previous page

what's known as a protein-protein interaction map in cell culture models.

Dr. Grandis will explore whether patients with HPV head and neck cancer who have certain mutations are extremely sensitive to specific drugs or combinations of drugs. Ultimately, this could lead to clinical trials involving patients whose tumors test positive for HPV head and neck cancer.

Using the UCSF 500

"Using a new molecular diagnostic test called the UCSF 500, we can determine the mutational profile of a patient's tumor, and then we can assign them to the treatment that we believe would be best for them. That's the ultimate goal," she explains.

The NCI says that its Outstanding Investigator Award "supports investigators with outstanding records of productivity in cancer research by providing extended funding stability and encouraging investigators to continue or embark on projects of unusual potential in cancer research. The award provides up to \$600,000 in direct costs per year for 7 years, allowing substantial time for funded investigators to take greater risks and be more adventurous in their research."

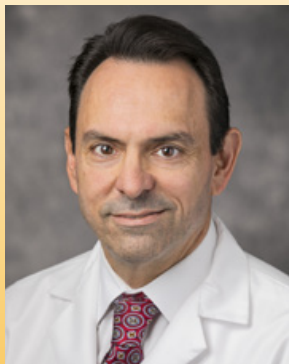
"This grant provides our team with durable resources so that we will be able to focus on the research without being distracted by the administrative obstacles that generally accompany efforts to secure lab funding," Dr. Grandis says. ■

Annual Roger Boles Lecture Addresses HPV in Oral Cancer

Theodoros (Ted) Teknos, MD, a leading authority on head and neck cancers, discussed human papilloma virus (HPV) in head and neck cancer at this year's Roger Boles, MD, Lecture on September 20 at Pottruck Auditorium, Rock Hall on the Mission Bay campus.

Dr. Teknos is the president and scientific director for the Seidman Cancer Center at University Hospitals Cleveland Medical Center and is the deputy director of the Case Comprehensive Cancer Center. He is a clinical professor in the Department of Otolaryngology – Head and Neck Surgery at the Case Western Reserve University School of Medicine.

The Boles Lecture series is dedicated to the memory of Roger Boles, MD, the former Chair of UCSF's Department of Otolaryngology – Head and Neck Surgery. Dr. Boles served as department chair for 15 years, from 1974-1989. He was an expert physician and surgeon, a dedicated teacher, and an extraordinary leader. The Roger Boles, MD Endowed Lecturer series serves to continue UCSF's dedication to research, education, and service in Dr. Boles's name. ■



Theodoros (Ted) Teknos, MD

Human Papilloma Virus Cells



Dr. Grandis is named the Werbe Distinguished Professor

Andrew Murr, MD, chair of the Department of Otolaryngology – Head and Neck Surgery, announced that Jennifer Grandis, MD, has been appointed to the Robert K. Werbe Distinguished Professorship.

"Distinguished professorships are among the highest honors that can be bestowed in the University of California system, and this professorship is a recognition of Jennifer's lifelong pursuit of investigation," Dr. Murr said.

"This appointment recognizes her phenomenal contribution to the advancement of our understanding of the mechanisms underlying head and neck cancer," Dr. Murr continued.

Dr. Grandis came to UCSF in January 2015 as an American Cancer Society Professor, setting up the Head and Neck Cancer Laboratory at UCSF with Patrick Ha, MD, and Daniel Johnson, PhD.

She earned her MD at the University of Pittsburgh School of Medicine, and she completed a residency in Otolaryngology – Head and Neck Surgery and a research fellowship in Infectious Disease there.

After accepting a faculty position at the University of Pittsburgh, she rose through the ranks to become a full professor, practicing as a general otolaryngologist as well as a research scientist focused on head and neck cancer investigations. Recently her scientific contributions were recognized by the NIH with an R-35 grant award (see story on page 1).

As the Werbe Distinguished Professor, Dr. Grandis will continue her work to unravel the biologic complexity of head and neck cancer and to identify improved therapies for head and neck cancer patients. ■

Department Welcomes Four New Faculty

Neil Bhola, PhD



Dr. Bhola joined the Department of Otolaryngology-Head and Neck Surgery in February as an assistant professor. He is part of the research team working closely with Drs. Jennifer Grandis, Patrick Ha and Daniel Johnson in the OHNS Head and Neck Cancer Lab where he is utilizing novel methodology to understand the chromatin landscape utilized by cancer cells to escape

drug targeting.

Dr. Bhola completed his PhD in molecular pharmacology at the University of Pittsburgh, and his post-doctoral research was in hematology-oncology at Vanderbilt University. An author on over 20 peer-reviewed publications. Dr. Bhola came to UCSF in 2015 as an assistant professional otolaryngology researcher.

Anna Butrymowicz, MD



Anna Butrymowicz, MD, joined the department as an assistant professor in August 2018. While her principal role is to open and run the department's newest location at the Berkeley Outpatient Center (see story page 2), she will also be part of the general otolaryngology-head and neck surgery group practice headquartered at the ambulatory site on the Mount

Zion campus.

Dr. Butrymowicz earned her MD in 2011 from Drexel University College of Medicine. She was chief resident during her residency in otolaryngology-head and neck surgery at Albany Medical Center in New York.

During residency, she received both an American Academy of Otolaryngology-Head and Neck Surgery Resident Leadership Grant and a Humanitarian Grant. Following completion of her residency, Dr. Butrymowicz accepted a position as an attending physician with Jacobi Medical Center (part of the Albert Einstein System) in the Bronx, New York. There, she served as a general otolaryngologist with a special interest in the areas of sinus surgery and rhinology.

Andrea Park, MD



Andrea Park, MD, joined the Department of Otolaryngology – Head and Neck Surgery in September 2018 as an assistant professor in the Division of Facial Plastic and Reconstructive Surgery.

In this capacity she will work with Division Chief Daniel Knott, MD, and Rahul Seth, MD, as well as the entire skull base and head and neck oncology

teams. “She will be a part of the head and neck reconstructive team and will also help to build our practice in aesthetic facial plastic surgery,” said Department Chair Andrew Murr. “She will participate in facial nerve rehabilitation surgery for those with facial paralysis. She will also be on the team that concentrates on gender reassignment surgery for our patients undergoing gender transition,” Dr. Murr added.

Dr. Park attended the University of Iowa Carver College of Medicine, where she obtained her medical degree. There, she won the Berens-Krehbiel Research Scholarship and received both Research and Service Distinctions upon graduation. Her OHNS residency was completed at Washington University in St Louis, where she was the recipient of the Michael Paparella Research Award and the American Laryngological Association Resident Research Award, both in 2015.

She served as a T32 Fellow during her residency. In 2017, Dr. Park was inducted into the AOA. Dr. Park will work out of all sites, but her main office will be the Facial Plastic Surgery Office on the Mount Zion Campus. She will also provide service at the new Berkeley Outpatient Center.

Matthew Spitzer, PhD



In July 2018, Matthew Spitzer, PhD, joined the Department of Otolaryngology – Head and Neck Surgery as an assistant professor. In announcing the appointment, Department Chair Andrew Murr noted that “Matthew will be a major contributor to advancing translational care for head and neck cancer patients.”

“Matt works on HPV as it relates to squamous cell carcinoma, and he has partnered with Jennifer Grandis, Dan Johnson, and Patrick Ha on neoadjuvant clinical trials of immunotherapy in head and neck squamous carcinoma,” said Dr. Murr. “He also is investigating the impact of obesity and high fat diet on the immune response to cancer and on the impact of metastasis on the immune system and its effect on immunotherapy. Matt is an expert in CyTOF technology and will be helping to further establish and improve a core facility with CyTOF capability at UCSF.”

After earning a doctorate in immunology at Stanford University, Dr. Spitzer completed a postdoctoral fellowship at Stanford under Drs. Gary Nolan and Edgar Engleman in the departments of Microbiology & Immunology, Pathology, and Medicine.

Dr. Spitzer came to UCSF in 2016 as a Sandler and Parker Fellow, where he pursued work in tumor immunology and systems biology working in the Department of Microbiology and Immunology under the direction of Lewis Lanier, PhD.

Dr. Spitzer was selected for Chan Zuckerberg resource support during his recruitment. “For this resource we owe thanks to Dr. Lanier, Dean Dr. Talmadge King, and Chancellor Dr. Sam Hawgood” said Dr. Murr. ■

Jun Lab Moves to the Mission Bay Campus

A brand new research building in the heart of UCSF's Mission Bay campus is the new location for the laboratory of Young-Wook Jun, PhD, associate professor and director of the Nano-Probing Single Biomolecule Dynamics Laboratory in the Department of Otolaryngology – Head and Neck Surgery.

The UCSF Helen Diller Family Cancer Research Building is the lab's new home. The building has space for up to 400 scientists and contains 33 laboratories. It combines basic science, clinical research, epidemiology and cancer control and patient care in one facility.

"The Diller Family Cancer facility provides a unique research environment to foster teamwork among basic scientists and physician scientists," Dr. Jun said. "I envision many new exciting collaborations within the Cancer Center, the Mission Bay campus, and the Gladstone Institutes. For example, in just the first two months since the move, we established new collaborations with Drs. Todd McDevitt in Bioengineering and Shawn Douglas in Cellular Molecular Pharmacology. Also, our existing collaborators, Drs. Zev Gartner and Ron Vale are located at Mission Bay. Being in the heart of Mission Bay will strengthen the group effort and performance," Dr. Jun continued.

The Jun Lab focuses on investigating nanocrystal molecules, including the fabrication, surface chemistry, and scaling laws of magnetic, plasmonic, and charge coupling, as well as their behaviors in cells. In addition to Dr. Jun, the team includes:

- Christopher Boone, a junior specialist with a B.S. degree in Biology, whose research topic is "Identification of mechanotransduction mechanisms in touch sensation."
- Hyun Jung Lee, PhD, a postdoctoral specialist whose research topic is "Axonal specification of neuron cells."
- Woon-Ryoung Kim, PhD, an associate specialist, whose research topic is "Synaptogenesis."
- Minsuk Kwak, PhD, a Shurl and Kay Curci LSRF Postdoctoral Fellow,

whose research topic is "Spatio-mechanical regulation of T cell receptor signaling."

- Yuetao Zhao, PhD, a postdoctoral specialist whose research topic is "Microtissue pressure sensor."
- Gicheol Park, MD, a visiting scholar, whose research topic is "Cell surface dynamics of cadherin junctional complexes."
- Li Gao, PhD, a visiting scholar, whose research topic is "Notch structure and function."
- Heekyung Jeong, a visiting graduate student with a B.S. in Chemistry/Biochemistry whose research topic is "Plasmonic systems to probe single molecule rotational and translation dynamics."

Dr. Jun noted the benefits of the more interactive and supportive research environment at the new site: "There are very well-established core facilities available to scientists including the Laboratory for Cell Analysis (LCA), which provides cytometric, microscopic, and genomic support; the Nikon Imaging Center, which provides light microscopy instrumentation services; the UCSF Functional Genomics Core; the Center for Advanced Technology (CAT);

and facilities for the use of animal specimens. The site also hosts multiple scientific seminars of interest to researchers."

"Another advantage of the location is that it will facilitate the recruitment of graduate students and postdoctoral researchers" said Dr. Jun. "Most of the graduate programs – including the Chemistry and Chemical Biology (CCB) Graduate Program, Bioengineering, Tetrad, and the Integrative Program in Quantitative Biology (IPQB) – are located at Mission Bay, with student classes held at that location as well. I anticipate easier student recruitment to my lab."

Dr. Jun envisioned "a unique research program at UCSF that develops 'translational' and 'transformative' nanotechnology tools to address highly important biomedical questions to deepen our understanding of complex developmental, physiological, and pathological processes with a goal to contribute to public health. He noted that: "Both the Helen Diller Cancer Research Building and the Mission Bay campus offer a dynamic research environment that will facilitate my lab's work."

The Jun Lab moved from its previous location at 2340 Sutter Street near the Mount Zion campus in July 2018. ■

To learn more about the Jun Lab, visit <http://junlab.ucsf.edu>.



Young-Wook Jun, PhD



New Residents and Fellows

RESIDENCY CLASS OF 2023

Kara D. Brodie, MD



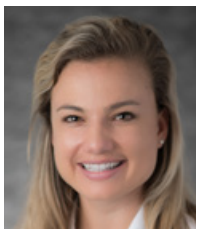
Dr. Brodie received a Masters of Philosophy in Public Health from the University of Cambridge, in Cambridge, England. In 2018, she received her Medical Degree from the UC Davis School of Medicine, where she was named a member of the Alpha Omega Alpha Honor Medical Society and the Gold Humanism Honor Society. She was the recipient of an Alpha Omega Alpha Medical Student Service Leadership Award and received matching funds from UC Davis for the development of the *Partners in Transforming Community Health Program*, implemented fall 2016.

Abel P. David, MD



In 2018, Dr. David received his Medical Degree from the University of Virginia School of Medicine in Charlottesville, Virginia. He was the leader of the Otolaryngology – Head and Neck Surgery Interest Group there, and he was involved in research projects focused on insulin-like growth factor receptor (IGFR) pathway in head and neck squamous cell carcinoma tumor progression and therapeutics as well as a project focused on determining the safety and use of proton pump inhibitors (PPIs) in laryngopharyngeal reflux.

Gaelen B. Stanford-Moore, MD



Dr. Stanford-Moore received a Master of Philosophy degree in Epidemiology from the Department of Public Health at the University of Cambridge, United Kingdom before earning her medical degree from UCSF in 2018. Dr. Stanford-Moore was the clinic leader at the Clínica Martín-Baró Student-Run Free Clinic in San Francisco, where she led a project with the California Department of Public Health to secure free HIV-rapid tests for the clinic. She spent time during medical school in England and Kenya following her passion about global health and global access to safe surgery. She has also co-authored several manuscripts on HIV treatment and prevention.

Richie Tian Ran Zhu, MD



In 2013, Dr. Zhu completed a post-baccalaureate degree as a research fellow with the National Institutes of Health Vaccine Research Center in Bethesda, Maryland. In 2018, Dr. Zhu completed his medical degree at the Warren Alpert Medical School of Brown University in Providence, Rhode Island. There, his leadership roles included service as an anatomy student course leader. During 2017-18 he performed research with Drs. Jennifer Grandis, Daniel Johnson, and Patrick Ha at UCSF.

INCOMING FELLOWS

Zachary C. Fridirici, MD



Dr. Fridirici joined the department in July as a Facial Plastic and Reconstructive Surgery Fellow. He earned his medical degree, *cum laude* at the Loyola University of Chicago, Stritch School of Medicine in 2013, and he completed his residency in Otolaryngology at the same institution. During his time at Stritch School of Medicine, Dr. Fridirici was elected to Alpha Omega Alpha. He also served as vice-president of the Otolaryngology Interest Group and as student coordinator of the Surgery Teaching Elective. He is the CEO and Founder of MedDocLive, LLC, an electronic health records consulting firm.

Andrée-Anne Leclerc, MD



Dr. Leclerc joined the department as a Laryngology Fellow in July 2018. She earned her medical degree from the University of Montreal, Montréal, Québec, Canada in 2012 after receiving her Master's Degree in Biomedical Sciences, Research in Medical Education from the same university. Dr. Leclerc received her post-doctoral specialization in Otorhinolaryngology and Head Neck Surgery from the University of Montreal in 2017. She received her Certification in Otolaryngology and Head and Neck Surgery (FRCSC) from the Royal College of Physicians and Surgeons of Canada in 2017.

David W. Schoppy, MD, PhD



After completing a residency in Otolaryngology – Head and Neck Surgery at Stanford University, Dr. Schoppy joined the department as the Bryan Hemming Endowed Fellow in July 2018. He earned both his Medical and Doctoral degrees from the University of Pennsylvania, with an emphasis in Cancer Biology, in 2013. He received the University of Pennsylvania's Rose Meadow Levinson Laboratory Research Award and an NRSA F30 grant from the National Institute on Aging. His publications include first-author papers in *Nature Genetics*, *JCI*, and *JAMA Otolaryngology–Head and Neck Surgery*.

Tammy Jill Wang, MD



Dr. Wang joined the department as the Pediatric Otolaryngology fellow in July 2018. After earning her medical degree from Case Western Reserve University School of Medicine in Cleveland, Ohio with an Alpha Omega Alpha distinction, Dr. Wang completed a four-year residency in Otolaryngology at the University Hospitals Cleveland Medical Center. She has designed and implemented workshops and clinical simulations to improve basic surgery skills for the Otolaryngology Boot Camp at the University Hospitals and has also led workshops and has guided clinical teaching at the Student-Run Free Clinic of Case Western Reserve University. ■



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Upcoming Events

Techniques in Sialendoscopy and Salivary Duct Surgery

November 29, 2018

JW Marriott, San Francisco, CA

Technology, Innovation, and Personalized Care in Head and Neck Cancer

November 30–December 1, 2018

JW Marriott, San Francisco, CA

The Robert A. Schindler, MD Lectureship

December 6, 2018, 5:00–6:00 pm

Speaker: **Clough Shelton, MD**, University of Utah
UCSF Mission Bay, Pottruck Auditorium, Rock Hall

The 25th Annual Advances in Diagnosis and Treatment of Sleep Apnea and Snoring

February 15–17, 2019

Disney's Grand Floridian Resort & Spa, Lake Buena Vista, FL

Pacific Rim Otolaryngology – Head and Neck Surgery Update Conference

February 16–19, 2019

Moana Surfrider Hotel, Waikiki Beach, Honolulu, HI

Laryngeal Endostroboscopy and FEES: Performance and Interpretation

April 3–5, 2019

UCSF Voice and Swallowing Center, San Francisco, CA

17th Annual Resident Research Symposium

June 7, 2019, 1:00–5:00 pm

UCSF Mission Bay

The Francis A. Sooy, MD Lectureship

June 8, 2019, 8:00–11:30 am

Speaker: **Neal D. Futran, MD**, University of Washington
UCSF Mission Bay

For further information about CME courses, please go to <http://cme.ucsf.edu>.

For information on Ground Rounds and departmental events, please visit
<http://ohns.ucsf.edu> or contact Joanna Times at joanna.times@ucsf.edu.

HeadsUp!

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UCSF Medical Center
415/353-9500

HNS – Facial Plastic and Post-Oncologic
Reconstructive Surgery, UCSF Helen Diller
Family Comprehensive Cancer Center
415/885-7528

Head and Neck Surgery and Oncology
Head and Neck Endocrine Surgery
Salivary Gland Center
415/885-7528

Balance and Falls Center **415/353-2101**

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To support the Department of
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