

EYE

UCLA STEIN EYE INSTITUTE
VISION-SCIENCE CAMPUS



EYE MAGAZINE
is a publication of the
UCLA Stein Eye Institute

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LETTER FROM THE CHAIR

We hope you enjoy this inaugural issue of *EYE Magazine*, which has been designed to be more enjoyable to hold and read.

In this issue, we explore the many ways UCLA Department of Ophthalmology vision-science researchers and clinicians are improving the vision of children. Our work knows no borders, and our care of children extends across the globe.

Congratulations to our affiliation partner, the Doheny Eye Institute, for marking 70 years of excellence in care and research. Together, Stein Eye and Doheny are again ranked among the top five ophthalmology institutes in the nation.

This achievement is made possible in large part due to the dedication of our wonderful staff. And in conjunction with Stein Eye's 50th anniversary, a retreat was held to recognize the staff's commitment to providing the highest level of patient care. The retreat provided beneficial tools and resources, and inspired attendees to continue giving their best. I thank each member of our team for their valuable service to our mission.

This June, the UCLA Department of Ophthalmology celebrated the graduation of our most recent class of residents and fellows. Through the training of these young eye doctors, and the continuing education courses we offer practicing ophthalmologists, the Stein Eye Institute is advancing our shared cause to eradicate eye disease and prevent avoidable blindness. Thank you for your support in helping us achieve this noble goal.

Sincerely,

A handwritten signature in white ink that reads "Bartly J. Mondino". The signature is fluid and cursive.

Bartly J. Mondino, MD

Bradley R. Straatsma, MD, Endowed Chair in Ophthalmology
Director, Stein Eye Institute
Chairman, UCLA Department of Ophthalmology
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On the cover: The Stein Eye Institute vision-science campus is recognized the world over for its exemplary patient care, advanced educational training programs, and pioneering research.

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CREATING A BRIGHT FUTURE FOR THE Youngest Patients

Pediatric ophthalmology has been a 50-year commitment for Stein Eye, but the range of treatments for children transcends a single specialty, and extends to every division across the Institute.

Maria, five years old and without treatment for a complex combination of vision issues, was on a certain path to blindness.

Maria suffered from uveitis, an inflammation of the middle layer of the eye that can cause vision-limiting complications. Uveitis is responsible for as much as 10 percent of blindness in the United States. Maria's inflammation was so extreme that she had developed cataracts (clouding of the lenses) in both eyes, and her vision had deteriorated to 20/400—severe visual impairment.

Unfortunately, at the time Maria was referred to the UCLA Stein Eye Institute, surgery to remove her cataracts was impossible, because the intraocular inflammation associated with the uveitis was too severe.

"Maria could barely see at all, and her participation in school was quite limited," says **Stacy L. Pineles, MD**, Jerome and Joan Snyder Chair in Ophthalmology. "We needed to deal with the uveitis first, and then work from there."

The first step in Maria's treatment at Stein Eye began with **Gary N. Holland, MD**, Jack H. Skirball Chair in Ocular Inflammatory Diseases and director of the Ocular Inflammatory

Above: "With children, we're not only treating the eye, we're also often working with issues that affect the whole patient. It's challenging work, but especially gratifying when we can make a big difference in the life of a child," says pediatric ophthalmology specialist Dr. Stacy Pineles (left).

Disease Center. Dr. Holland worked with Maria for more than a year to reduce the inflammation, treating her with intensive chemotherapeutic medications and steroid eye drops. Maria's improved condition then allowed Dr. Pineles to perform the cataract surgery needed to restore Maria's sight.

Now 11, Maria's eye problems are under control. Her vision is 20/20 with glasses, and she has little risk of future blindness with current therapy and close follow-up.

"We have a 50-year commitment to treating children with eye diseases," says **Bartly J. Mondino, MD**, chairman of the UCLA Department of Ophthalmology and director of the Stein Eye Institute. "Certain eye conditions are typically associated with young patients, such as strabismus ("crossed eyes") or amblyopia ("lazy eye"), but children are also vulnerable to eye diseases that are associated with another illness. Uveitis, for example, is common in children with juvenile idiopathic arthritis. In addition, pediatric patients can suffer from the same array of eye problems as adults, but with added complexities that have serious ramifications for a developing body."

And for complicated cases like these, each division within Stein Eye works collaboratively with the other, applying their specialized medical knowledge to the unique care required for children.

Challenges of Treating Infants and Children with Eye Disease

Pediatric ophthalmology as a medical specialty has been a focus of research and care at UCLA since the earliest days of the Institute. **Leonard Apt, MD**, the late founding chief of the Division of Pediatric Ophthalmology, was one of the country's first specialists in the field of children's vision, and with **Bradley R. Straatsma, MD, JD**, founding chairman of the Department of Ophthalmology and founding director of the Stein Eye Institute, established at UCLA the first pediatric ophthalmology program at a medical school in America.

The varied complexities and challenges of treating children with ophthalmological issues can also extend to the most vulnerable—newborns. Infants with congenital cataracts, for example, require surgery in the earliest weeks, and a team approach to treatment.

"Contact lenses are medically necessary to fully rehabilitate the vision of these

patients," explains **Vivian P. Shibayama, OD**, supervisor of the Institute's Contact Lens Center. "A baby's anatomy is not mature enough to support implantation of an intraocular lens following cataract removal, and glasses are usually not an option due to the resulting extreme refractive error. In addition, a child requires frequent lens changes to match the changing power of their developing eye."

Dr. Shibayama works closely with the Pediatric Ophthalmology Division in the vision management of these patients, taking initial measurements for the contact lens while the infant is under anesthesia for cataract surgery and then evaluating the fit and power of the lens every three months as the youngster grows.

"Early intervention is vital," says Dr. Holland. "The consequences of any eye condition in children are magnified, because they may be left with serious problems for their entire lives. Not only will it be devastating for the children themselves, but life-long blindness among these children will have a major impact on society as well."

Treating young patients can be challenging, however, as many children fear having their eyes examined more than any other type of medical check-up, and it can be difficult to ensure they are compliant to their treatment regimens.

Concerns such as these explain why ophthalmologists at Stein Eye devote so much time and attention to ensuring that time in the clinic is as stress free as possible and that the environment at the Institute is welcoming and comfortable.

"Early intervention is vital. The consequences of any eye condition in children are magnified, because they may be left with serious problems for their entire lives."

DR. GARY HOLLAND

EASING CHILDREN'S CONCERNS ABOUT VISION CARE

An eye examination—let alone surgery—can be an especially upsetting experience for a child, but Stein Eye ophthalmologists keep the clinic experience upbeat with child-friendly materials and stuffed animal companions.

For children who require a medical procedure, the Institute book, *Making Eye Surgery Bearable*, provides a realistic expectation of what young patients and their families can expect. And just like the young boy in the book, pediatric surgical patients at Stein Eye are given their very own stuffed bear—Dr. Teddy—to provide cuddly comfort.



Dr. Teddy bears are sponsored by the JSEI Affiliates and supported by generous donors. Find out more at: www.jseiaffiliates.com.

Protecting Children's Vision Across the World

Institute vision-science researchers and clinicians also consider eye issues that have broad global implications. Dr. Apt and **Sherwin J. Isenberg, MD**, Laraine and David Gerber Chair in Ophthalmology, were key participants in one of the most significant breakthroughs in pediatric vision care: they identified povidone-iodine (betadine) as a practical, low-cost solution for preventing neonatal eye infections. The treatment is now used throughout most of the world.

Dr. Isenberg and colleagues later determined that the betadine eye drops can be used to treat corneal infections from bacteria, the world's leading cause of preventable blindness in children.

"In low-resource countries," explains Dr. Isenberg, "antibiotics are unaffordable so infections would go untreated, and people would go blind. Povidone-iodine changed that, as it costs pennies."

Across the world, poor families in low-income areas are at higher risk for premature birth and the potentially blinding retinal disorders that affect preterm babies. To support care in countries where resources and treatment options are limited, Dr. Isenberg serves on a task force on neonatal issues on how to diagnose and treat retinal conditions in the smallest patients.

"We're trying to head off what could be an epidemic of retinopathy issues," says Dr. Isenberg, "and many problem cases can be prevented. But right now, in many parts of the world, retinopathy is the principal cause of blindness in babies, and our task force is looking for the best course of action for dealing with this issue, especially in Africa, where an epidemic is threatening."

Institute doctors also work in partnership with physicians from other UCLA departments and institutions overseas. **Irena Tsui, MD**, assistant professor of ophthalmology, is exploring the effects of Zika virus on infants in Brazil, including the relationship between the developing eye and the brain.

"In the study of children and ophthalmic issues, the detection of eye abnormalities is critically important, especially when it can impact public health policies," says Dr. Tsui, who is conducting her studies with **Karin Nielsen, MD, MPH**, a clinical professor of pediatrics at UCLA, and **Andrea Zin, MD, PhD**, and colleagues from the Instituto Fernandes Figueira in Rio de Janeiro.

Results from their recent study, published in *JAMA Pediatrics*, offer evidence that all infants born during Zika virus epidemics should undergo screening eye examinations, given that eye abnormalities can be the only initial finding in congenital Zika virus infection.

"About 25 percent of the children we are following for confirmed and suspected exposure to Zika virus have eye abnormalities—primarily optic nerve and retinal damage," says Dr. Tsui. "And a few infants with these eye abnormalities had otherwise normal physical exams at birth. As they grow older, we can test visual function and correlate it with neurological development. Studying Zika-infected children is crucial for the development of early interventions to improve patient outcomes."

Dr. Vivian Shibayama (left) evaluates four-month-old Lucy's contact lens prescription. Both Lucy and her mother (seated) were born with infantile cataracts.





Concern about the youngest patients was literally built into the Institute when it opened in 1966. Dr. Jules Stein created a special suite built just for children, with downsized furniture and bathroom fixtures. Recognizing that pediatric patients can be quite rambunctious, table corners were rounded off to prevent injury.

As a happy greeting for children, Walt Disney, a personal friend of Jules and Doris Stein, asked artist Mary Blair to design welcoming artwork featuring characters from Disneyland's "It's a Small World" attraction. The ceramic mural can be seen on the first floor of the Jules Stein Building.

CHILD COMMUNITY OUTREACH PROGRAMS

Stein Eye physicians, staff, and volunteers participate in many programs designed to provide medical care to low-income, uninsured, and homeless patients, as well as children from low-income families. The UCLA Mobile Eye Clinic has provided free ophthalmic care to over 300,000 underserved individuals since its founding in 1975.

The Institute's volunteer arm—the JSEI Affiliates—provides Preschool Vision Screening and Vision IN-School education programs in the community, and the Indigent Children and Families Ophthalmic Care Program offers free eye surgery or specialized care for children and adults with no medical insurance. The Pediatric Contact Lens Fund helps pay for custom contact lenses for patients under five years of age with congenital and infantile cataracts.



The Brain and the Eye

Institute researchers are also investigating a broad range of neurological issues, including their effects on children.

“The eye is a window to the brain,” says **Joseph L. Demer, MD, PhD**, Arthur L. Rosenbaum, MD, Chair in Pediatric Ophthalmology and chief of the Institute’s Pediatric Ophthalmology and Strabismus Division. “In young children, the brain is developing, and we not only have to think about the vision issues as a problem they have now, but as part of the eventual maturation of the visual system. And those issues can be permanent.”

Amblyopia, for example, is a disorder caused by a lack of coordination between the eye and the brain. Disturbances in the ability of a child’s eyes to work together—for example, if one eye has uveitis or cataract—can put the diseased eye at a permanent disadvantage, even after the disease is treated.

“As a result,” says Dr. Demer, “the eye may fail to fully develop, creating permanent abnormal dependence. This kind of condition is limited to children, and treating it early is the key to ensuring that the brain is not irreversibly molded by the problem. It’s the kind of work that can yield wonderful results.”

Seeking New Answers

About 4 percent of children in the United States have strabismus—a visual problem in which the eyes are misaligned. Understanding the cause of strabismus helps the specialist recognize the problem in its earliest stages and determines the best therapy path for that patient.

“Although current surgery can successfully correct the physical problem, other issues often remain,” says Dr. Pineles, who is both a neuro-ophthalmologist and a pediatric ophthalmologist.

“For a person to maintain alignment of the eyes, the brain has to use the two images properly, which may be a challenge for a child who has never had aligned vision,” explains Dr. Pineles. “How do you create that binocularity in the brain? Would it require altering the functions within the brain and retraining neural connections to restore that? These are issues we continue to explore.”

Complex pediatric medical issues like strabismus, with its various levels of severity, can have devastating personal and social consequences for children. Infants



Dr. Irena Tsui (left) and Dr. Andrea Zin in Rio de Janeiro, Brazil, examining the retina of an infant with Zika-related eye findings.

and youngsters with strabismus not only suffer from the medical effects, but improperly aligned eyes can cause learning problems in the classroom, as well as struggles with socialization if a patient is teased or not accepted by other children because of their condition.

“With children, we’re not only treating the eye,” says Dr. Pineles, “we’re also often working with issues that affect the whole patient. It’s challenging work, but especially gratifying when we can make a big difference in the life of a child.”

VISION: A KEY TO SOCIALIZATION AND COGNITIVE DEVELOPMENT

Children’s vision issues are primary elements of the Institute’s outreach programs. The need for vision care is great, especially in low-income communities with limited access to non-emergency medical care. An estimated 20 percent of preschoolers have vision problems, many of which are not known to their parents, but can be revealed through screenings at the UCLA Mobile Eye Clinic (UMEC).

Each year, UMEC doctors and staff examine more than 20,000 students at their schools, and hundreds more at health fairs. While the majority of problems identified in the screenings can be treated with glasses, the problems underscore the broader impact of poor vision among children.

“Vision problems affect not only a child’s ability to see, but also significantly affect their ability to learn and develop their social skills,” says **Anne L. Coleman, MD, PhD**, The Fran and Ray Stark Foundation Chair in Ophthalmology, and director of the Stein Eye Centers for Community Outreach and Policy, Eye Epidemiology, and the UCLA Mobile Eye Clinic. “Problems with vision can hinder social and academic development; poor vision can limit a child’s success in school, and reduce their ability to connect and engage with others,” continues Dr. Coleman. “However, these are issues that are often corrected with improved sight.”

IMPACTING LIVES ACROSS BORDERS

The Stein Eye Institute's commitment to community extends across the globe. At any given time, Institute doctors, residents, and allied health professionals are delivering medical care in countries throughout the world and training local doctors to serve regions with the greatest need.

“We are dedicated to advancing eye health and eradicating blindness both at home and abroad,” says **Bartly J. Mondino, MD**, director of the Stein Eye Institute and chairman of the UCLA Department of Ophthalmology. “In addition to the incredible leadership and volunteer work of our faculty and alumni, more than 230 International Fellows have trained at Stein Eye and then brought their skills as ophthalmologists to every corner of the world.”

Striving to End Preventable Blindness

An estimated 39 million people are blind, but according to the World Health Organization, up to 80% of all cases of blindness could be easily prevented or treated if the individuals had access to vision care.

Non-profit volunteer organizations like Visionaries International, founded by faculty member **Anthony J. Aldave, MD**, Walton Li Chair in Cornea and Uveitis, and Surgical Eye Expeditions (SEE) International, founded by Stein Eye alumnus **Harry S. Brown, MD**, spearhead campaigns in low-income countries where avoidable blindness is most prevalent.

“The consequences of corneal blindness are especially serious in the developing world, where 90 percent of all corneal blind live,” explains Dr. Aldave, who is chief of the Institute’s Cornea and Uveitis Division. “Lack of transplantable corneas and inadequate numbers of trained corneal transplant surgeons are the two main barriers to treatment and the elimination of corneal blindness.”

Inspiring Volunteerism

Helena Ndume, MD, head of ophthalmology at Windhoek Central Hospital in Namibia and an African volunteer with SEE International, was a guest lecturer for grand rounds at the Stein Eye Institute. In her presentation, “35,000 Lives Transformed,” Dr. Ndume spoke to faculty, residents, and medical students about her work with SEE International and the power of volunteerism. The organization has more than 650 medical volunteers from over 75 different countries—including over 30 Institute volunteers and UCLA alumni, and has performed nearly half-a-million procedures in approximately 80 countries since its inception.

Dr. Ndume’s lecture inspired all those in attendance to recommit themselves to the goal of eliminating preventable blindness in our lifetime. “We must create a culture of giving back to those less fortunate, a culture of humanitarian volunteering, a culture of generosity,” said Dr. Ndume. “There is no amount of money that can compare with the joy of transforming the life of another person; it is priceless.”



Dr. Anthony Aldave (left) assists a Thai ophthalmologist during a Descemet stripping endothelial keratoplasty workshop in Bangkok, Thailand. Dr. Aldave founded Visionaries International to “train the trainers” in an effort to eliminate corneal blindness worldwide.

Changing the Quality of Life in Sub-Saharan Africa

Blindness is closely linked with extreme poverty and significantly shorter life spans, especially in poorer countries.

Dedicating his life’s work to advancing eye health and eradicating blindness, Stein Eye Founding Director and Founding Chairman, **Bradley R. Straatsma, MD, JD**, was instrumental in the development of the Magrabi ICO Cameroon Eye Institute (MICEI) in Yaounde, Cameroon. MICEI is the first subspecialty and training eye hospital in the Central Africa region. Independent of a patient’s ability to pay, the not-for-profit eye center offers services for cataract, glaucoma, retina and vitreous surgery, pediatric ophthalmology, cornea, refractive surgery, orbit and oculoplastic surgery, and neuro-ophthalmology. Officially inaugurated on March 29, 2017, MICEI provided vision care for 20,000 patients in its inaugural year.



Dr. Jean-Pierre Hubschman (left), a retinal specialist at Stein Eye, conducts the first vitreoretinal surgery at the Magrabi ICO Cameroon Eye Institute, with assistance from its Medical Director, Dr. Henry Nkumbe.

Training local doctors is critical for advancing vision care, and **Jean-Pierre Hubschman, MD**, associate professor of ophthalmology, was MICEI’s first Visiting Professor and the first to present grand rounds. Dr. Hubschman, a retinal specialist, also conducted the first vitreoretinal surgery at MICEI—a milestone that taught local ophthalmologists the critical sight-saving procedure.

Significantly, the ophthalmic institute in Central Africa provides comprehensive eye care to all in need. “Through ophthalmology specialty services and the training of ophthalmologists and allied personnel,” says Dr. Straatsma, “MICEI is enhancing vision and the quality of life for individuals, families, and all of society in Sub-Saharan Africa.”

Making a Difference

“The vast majority of vision problems in underserved populations are treatable,” says **Anne L. Coleman, MD, PhD**, The Fran and Ray Stark Foundation Chair in Ophthalmology. As Director of the Stein Eye Institute Centers for Community Outreach and Policy, Dr. Coleman oversees the UCLA Mobile Eye Clinic (UMEC), which has provided free care to more than 300,000 underserved children and adults in Los Angeles County since it began operations in 1975.

Using the UMEC bus as their base, Stein Eye Institute ophthalmologists, fellows, residents, medical students, and staff are again volunteering their time for Care Harbor Los Angeles, returning to the REEF Exposition Hall on October 13-15, 2018. The annual health fair is committed to bringing lasting change, and serves approximately 2,200

uninsured, underinsured, and vulnerable people from across Southern California, who obtain free medical, dental, vision, and preventive care.

In years past, eye examinations at Care Harbor have revealed that individuals unknowingly had vision-threatening conditions, such as cataracts, glaucoma, macular holes, and retinal detachments. These at-risk patients are referred for further evaluation and treatment that is often free.

“The importance Stein Eye places on caring for our most vulnerable populations cannot be overstated,” says Dr. Mondino. “The only barrier to a cure is access to care.”



Dr. Helena Ndume (center), a SEE International volunteer ophthalmologist and the first recipient of the United Nations Nelson Mandela Humanitarian Prize, joins Drs. Sherwin Isenberg, Barty Mondino, Bradley Straatsma, and Anthony Aldave for Grand Rounds at the Stein Eye Institute.

Spotlight on Staff

The UCLA Stein Eye Institute is recognized the world over for its exceptional care, and the Institute held its first-ever staff retreat to recognize the commitment and compassion of Stein Eye employees, with the goal of further enhancing the patient experience.

Stein Eye has witnessed phenomenal growth and expansion in its first 50 years, which includes most recently a major transformation to a vision-science campus at UCLA, a historic affiliation with the Doheny Eye Institute, and the opening of eye centers across Southern California.

Navigating Rapid Change

Recognizing it could be challenging for staff to navigate rapid change in such a brief time, **Bartly J. Mondino, MD**, director of the Stein Eye Institute, and **Jonathan Smith**, the chief administrative officer, felt a staff retreat would provide unity, awareness, and inspiration.

The Stein Eye Institute in Westwood, the Stein Eye Center in Santa Monica, and the UCLA Doheny Eye Center locations in Arcadia, Orange County, and Pasadena, were closed for the day and approximately 300 employees were welcomed to the UCLA Covel Commons. The presentations and team-building exercises that followed



Jonathan Smith, the Institute's chief administrative officer, welcomed staff to the inaugural retreat.

gave staff the opportunity to learn more about each other, and highlighted their role in supporting the Stein Eye pillars of research, patient care, education, and community outreach.

Learning More About the Place They Work

Known for his warm smile and affable manner, Mr. Smith opened the retreat with discussion about his career path in health care, what led him to ophthalmology, and his goals for the Institute as the chief administrative officer.

Dr. Mondino's State of the Stein Eye Institute address spoke to the Institute's aforementioned growth, including the opening of the Edie & Lew Wasserman Building, renovation of the Jules Stein Building with laboratory expansion, and the research accomplishments and excellent clinical care tied to the affiliation with the Doheny Eye Institute. Dr. Mondino also touched on the changing health-care environment and discussed recent Institute innovations and advancements, like the EyeMBA program, which combines residency training with a business degree through the UCLA Anderson School of Management, and planned future clinical expansions.



Dr. Bartly Mondino spoke to the staff about their critical role in enhancing the patient experience and furthering the Institute's mission to preserve and restore vision.



Nearly 300 employees gathered for a day of presentations, Stein Eye trivia, and team-building activities. Left to right: Milton Smith, Yesenia Delgadillo, Belle Hernandez, Lydia Caballero, and Angel Padilla.



Wearing a “dignity gown” to underscore patient vulnerability, Lee Tomlinson, the founder and chief of the C.A.R.E. Effect Movement, spoke to the need for compassion in medicine.

Attendees were then treated to an insightful lecture about Dr. Jules Stein and the rich history of the Institute by **Bradley R. Straatsma, MD, JD**, founding chairman of the UCLA Department of Ophthalmology and founding director of Stein Eye Institute.

Anne L. Coleman, MD, PhD, The Fran and Ray Stark Foundation Chair in Ophthalmology, illustrated the impact of the UCLA Mobile Eye Clinic, which has cared for more than 300,000 patients in Los Angeles since its establishment in 1975. In highlighting the Institute’s community outreach programs and their dramatic effect on underserved communities, Dr. Coleman inspired staff to take advantage of the many volunteer opportunities available to them.

The Importance of Empathy

The business of maintaining an efficiently run clinic or surgery center can sometimes overshadow how patients might be impacted. Keynote speaker **Mr. Lee Tomlinson** dramatically underscored the importance of empathy when he approached the stage wearing a hospital gown.

“Ladies and Gentleman in the industry,” he exclaimed, “this is called a dignity gown. This gown is *far* from dignified!” Mr. Tomlinson then described his first-hand experience battling stage III throat cancer and how his ordeal moved him to devote his career to teaching others to live and work with more compassion.

Recognizing that people in medicine deal with pain, suffering, and grief every day, Mr. Tomlinson shared his concept of the CARE effect (**C**onnect, **A**ttentive, **R**espectful,

Expressive), and how through expression of those behaviors, patients and caregivers can reap substantial benefits. He challenged attendees to perform one compassionate act every day for 365 days and see how powerful it is for the workplace, their own lives, and the lives of patients.

Managing Stress

Americans rank losing vision among the worst things that could happen, and Stein Eye staff are tasked with making a difference when people are faced with severe, vision-threatening eye issues and at their most vulnerable. Being a caregiver in such a high-stake environment can take a personal toll, so the retreat also touched on self-help opportunities available to the staff.

Creating a culture that values health and well-being was the focus of the presentation by **Patrese Kirsch**, wellness manager with UCLA Health, who outlined physical and mental health services UCLA offers its employees. **Shola Richards**, director of training and organizational development at UCLA Health, emphasized “The Power of Workplace Positivity.” An exhilarating after-lunch workout, led by **Kara Mondino**, Stein Eye public administration analyst and certified Zumba instructor, exemplified how stress could be tempered through vigorous exercise.

The retreat—organized by **Trashon Fearington**, director of personnel; **Theresa Stockstill**, assistant to Jonathan Smith; and **M. Gail Summers**, director of development—inspired everyone to give their best every day and to personally carry forward the Institute’s reputation of excellence.

The day of activities reinforced that it takes the entire team pulling together to enhance the patient experience. Left to right: Jessica Govea, Elnen Baclagon, and Emperatriz Margolin.



Patient Profile

Sudden and extreme swelling in Shiao-Yen Wu's eyes caused her vision to go from normal to near-blind in a few months. Using a team approach, UCLA Department of Ophthalmology physicians saved her vision when no one else could.



When **Shiao-Yen Wu** describes the debilitating vision problems that almost blinded her and the surgeries at the Stein Eye Institute that restored her sight, she states it simply: “I was in hell and I came back.”

Ms. Wu, a real estate executive and community activist in Seattle, had normal vision until she was diagnosed with Graves Disease, a thyroid condition that often affects the eye. For Ms. Wu, as with many others, Graves Disease led to Graves Ophthalmopathy—a condition where cells from the immune system attack the muscles and other tissues around the eye, causing the eyes to bulge and often resulting in compression of the optic nerve.

With Ms. Wu's eyes, however, the symptoms were especially acute; within two months, the swelling had so distorted the position of her eyes that surgery was vital if she hoped to retain her sight.

“It could not have been worse,” Ms. Wu recalls. “I looked like I was wearing a costume for Halloween, and I didn't need make-up.”

Ms. Wu sought treatment in Seattle and on the east coast, but the procedures were ineffective. Her vision continued to deteriorate, and the swelling from her condition forced her eyes to turn into their sockets, entirely blocking vision in one eye and drastically reducing her eyesight in the other eye. Adding to the extreme discomfort was the inability for Ms. Wu to completely

close her eyelids.

Nothing helped Ms. Wu, not even when surgeons in Seattle removed bone in her face in a futile attempt to realign her eyes. And complicating her problems was the development of cataracts, as well as the onset of glaucoma due to the pressure in her eyes.

As her vision worsened, Ms. Wu's work and community involvement stopped.

“The process was a nightmare,” Ms. Wu remembers. “I was nearly blind, I was suffering, and I could do nothing in my life.” She consulted with 30 doctors and had four surgeries with no success; she was heading toward a life of blindness.

But Ms. Wu refused to accept that verdict.

“I was determined to find a doctor who could cure me,” she recalls. “I knew there was an answer.”

A national search led Ms. Wu to the Stein Eye Institute and to **Joseph L. Demer, MD, PhD**, Arthur L. Rosenbaum, MD, Chair in Pediatric Ophthalmology—an expert in motility and vision who studies the role of the brain and extraocular muscles in the control of eye movements and visual perception.

Ms. Wu met with Dr. Demer, and the first procedure was performed the next day.

“Her symptoms were extremely severe,” says Dr. Demer. “The muscles were as abnormal as they could be.”

The problem was an enormous challenge. “But it’s this type of complex issue—an issue that can’t be resolved anywhere else, that we take on at Stein Eye,” Dr. Demer says. “We have developed refined imaging techniques with MRI that give us improved pictures of the eye and a better idea of the function of the muscles, so we can plan very complicated procedures.”

The strategy for Ms. Wu called for a team approach, with planning of several staged surgeries to repair the muscles in the eyes and remove the cataracts. Dr. Demer performed two of the procedures with **Daniel B. Rootman, MD, MS**, an orbit and ophthalmic plastic surgery specialist. To treat such pronounced damage in the muscles, for the first procedure the surgeons had to work through the nose inside the nasal cavity.

The surgeons made progress with the first surgery at the Institute, which helped to restore some of Ms. Wu’s sight. “That gave me hope,” she says.

Ms. Wu ultimately required six separate surgeries at Stein Eye, including correction



“I was in hell and I came back,” says Shiao-Yen Wu (center), who suffered through debilitating vision problems, dramatic facial swelling, severe pain, and ineffective procedures before being helped by Stein Eye ophthalmologists.

for the position of her eyelids, and two cataract procedures by **David Rex Hamilton, MD, FACS**, director of the UCLA Laser Refractive Center.

And the surgeries produced additional benefits.

“A happy by-product of the procedures was that the pressure in her eyes was

reduced, which relieved the symptoms of glaucoma,” said Dr. Demer.

When the last procedure was completed, Ms. Wu could see normally.

“I am OK—I can drive, I can work, and I can be involved in the community the way I used to be,” Ms. Wu says.

“I HAVE MY LIFE AGAIN.”

JOIN THE UCLA BEQUEST CHALLENGE!

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A LEGACY FOR LOVED ONES

As a young resident at Stein Eye, Dr. Bronwyn Bateman was in the early stages of a brilliant career when tragedy struck. Her husband, Roderick K. Smith, who was an orthopedic resident at UCLA, was diagnosed with mesothelioma, an asbestos-related cancer, and passed away after an 11-month battle with the disease.

This could have derailed her career, but her Stein Eye advisor, Dr. Bradley Straatsma, made sure Bronwyn had the support needed to stay on track. “He called me in,” Bronwyn recalls, “and asked what I wanted to do with my life, and I said I didn’t know. He suggested ophthalmic genetics. This was before DNA was really harnessed to identify gene defects in hereditary diseases. I said yes.” Bronwyn took the Boards in both Ophthalmology and Medical Genetics/Clinical Genetics. “I was able to have one foot in ophthalmology and one foot in medical genetics,” she explains. “Looking back, the professional opportunities offered by Dr. Straatsma and Dr. Bartly Mondino, director of the UCLA Stein Eye Institute and chairman of the UCLA Department of Ophthalmology, were pivotal in my career.”

BREAKING THE GLASS CEILING—Bronwyn segued into a faculty position at Stein Eye, and also became the first woman president of the American Association of University Professors, the organization for chairs of ophthalmology in the U.S. and Canada, and the president of the Pan American Association of Ophthalmology, strengthening ties with Latin American colleagues, many of whom are Stein Eye alumni.

GIVING FOR SOMEONE WHO COULD NOT—“I thought about a gift to benefit Stein Eye for a long time. I wanted to honor my first husband, who was not able to have a life and career. By endowing a chair in his name, I gave him the legacy that he could not create.”

With this in place, funded through an outright gift of cash and an additional future gift, pledged through her estate, Bronwyn is now focusing on further structuring her estate in a tax-sensible manner to fund an endowed chair named after her mother and grandmother. “My grandmother was a Norwegian farm girl who married a physician. She used to say ‘you better study otherwise you’re going to end up on a farm,’” Bronwyn laughs. “My mother graduated from medical school in 1941 and became a pediatrician while my father was busy with the U.S. military in the Pacific theater. She managed to work full-time and raise five children.”

Not one to forget kindness, Bronwyn also plans to create a “nurses travel fund” in honor of nurses Nan Fulton, Sue Yamada, and Leonore Vogel who were especially caring and helpful while she was dealing with her husband’s health and his passing. ●●



Dr. Bronwyn Bateman

The key is creating a legacy at a quality institution that has a high level of integrity, and I think there is opportunity for people to do very nice things for their family here at UCLA.

DR. BRONWYN BATEMAN

Fifty Years of Vision

The original dream for ophthalmology at UCLA has evolved into the Institute's bold transformation to a vision-science campus. Through the contributions of brilliant clinicians and vision scientists, Stein Eye is proudly providing the finest patient care, training the next generation of ophthalmologists, advancing research to eradicate blindness, and bringing comprehensive vision care to underserved communities both locally and globally.

The book "50 Years of Vision: 1966–2016," published in 2017, commemorates the UCLA Stein Eye Institute's five decades of achievement. It chronicles the Institute's history and growth, from its earliest days to achieving worldwide recognition as a renowned research institute dedicated to the preservation of vision and prevention of blindness.

"This past half century has been a bold and remarkable journey," says Institute Director, **Bartly J. Mondino, MD**. "Our historic affiliation with the Doheny Eye Institute expands our capabilities and champions our relentless drive for excellence and the constant search for new possibilities in the treatment of the eye. We look forward to our next fifty years of achievement."



Doheny Eye Institute Marks 70 Years of Care

The Doheny Eye Institute recently marked their 70th anniversary, and the UCLA Stein Eye Institute proudly honors the many achievements of its affiliation partner.

The Doheny Eye Institute began in 1947, with the launch of its forerunner, the Estelle Doheny Eye Foundation, which was founded by Mrs. Carrie Estelle Doheny out of a desire to make a positive difference in people's lives by saving sight.

"In its 70-year history, the Doheny Eye Institute ophthalmologists and vision-scientists have made major clinical and research advances," says **Bartly J. Mondino, MD**, chairman of the UCLA Department of Ophthalmology and affiliation chairman of the Doheny Eye Institute. "Under the leadership of Executive Director **Marissa Goldberg**, and President and Chief Scientific Officer **SriniVas R. Satta, MD**, they are poised for a future filled with new innovations and discoveries."

New Leadership Roles

We congratulate faculty members on their new administrative appointments and thank them for their commitment to the Stein Eye Institute and UCLA Department of Ophthalmology.

Anthony C. Arnold, MD Vice Chair for Education

As the first Vice Chair for Education, Dr. Anthony Arnold is the primary supervisor for UCLA weekly grand rounds, the UCLA Department of Ophthalmology annual seminar, and the UCLA neuroscience seminar. He is an advisor to the residency program director for

accreditation-related issues, and he assists in departmental continuing medical education activities. In addition, he provides oversight for affiliated training sites, departmental fellowship programs, and departmental undergraduate and graduate medical education. Dr. Arnold is newly appointed to the Executive Committee of the Stein Eye Institute and UCLA Department of Ophthalmology where he reports on the Department's educational programs.

Stacy L. Pineles, MD Residency Program Director

Dr. Stacy Pineles is particularly well suited for the position of residency program director for the UCLA Department of Ophthalmology. She served as associate program director and has a special rapport with residents and a sincere interest in their education. Dr. Pineles became program director in July 2017, taking over the position from Dr. Anthony Arnold.

Alapakkam P. Sampath, PhD Associate Director of the Vision Science Division

For decades, the Stein Eye Institute has had two associate directors, but one person will now cover the role. Dr. Alapakkam Sampath, as associate director, provides operational oversight of the Vision Science Division and laboratory research. He is reorganizing the Division for increased efficiency and productivity, promoting translational research, implementing internal review of grants before submission, and developing grant submission workshops.

Gabriel H. Travis, MD, is stepping down as a co-director of the Vision Science Division after more than 13 years of service. Dr. Travis will contribute his valued expertise,

experience, and perspective as a special advisor to the Executive Committee.

Faculty Honors

Anthony J. Aldave, MD, Walton Li Chair in Cornea and Uveitis, was invited to give the David Easty Lecture by the Bowman Club, the UK Corneal Society. The lecture was given in Newcastle upon Tyne, United Kingdom, on March 23, 2018.

In addition, Dr. Aldave gave a plenary lecture at the 6th Biennial Asia Cornea Society meeting in Qingdao, China, on May 17, 2018.

Anthony C. Arnold, MD, professor of clinical ophthalmology, has been appointed Mary Oakley Foundation Chair in Neurodegenerative Disease.

Anne L. Coleman, MD, PhD, The Fran and Ray Stark Foundation Chair in Ophthalmology, was the keynote speaker at the 16th Annual Downeast Ophthalmology Symposium, September 16, 2017, in Bar Harbor, Maine.

Dr. Coleman also presented the keynote address at the Australian and New Zealand Glaucoma Symposium presented during the Royal Australian and New Zealand College of Ophthalmologists Scientific Congress, November 1, 2017, in Perth, Australia.

Joseph L. Demer, MD, PhD, Arthur L. Rosenbaum, MD, Chair in Pediatric Ophthalmology, delivered the keynote address to the Japanese Neuro-Ophthalmology Society on November 10, 2017, in Yokohama, Japan.

Dr. Demer was also honored with a Lifetime Achievement Award from the American Association for Pediatric Ophthalmology and Strabismus on March 18, 2018, in Washington, D.C.

Bartly J. Mondino, MD, Bradley R. Straatsma, MD, Endowed Chair in Ophthalmology and chairman of the UCLA Department of Ophthalmology, delivered the Inaugural C. Stephen Foster, MD, Lecture at the 2018 Sonoma Eye, March 23–25, 2018, in Sonoma, California.



Dr. C. Stephen Foster (left) and Dr. Bartly Mondino at the 2018 Sonoma Eye meeting.

Stacy L. Pineles, MD, associate professor of ophthalmology, has been named the Jerome and Joan Snyder Chair in Ophthalmology.

Peter A. Quiros, MD, health sciences associate clinical professor, was elected to a two-year term as president of the Latin American Neuro-Ophthalmology Club.

SriniVas R. Sadda, MD, professor of ophthalmology, received the Presidents' Young Investigator Award from the American Society of Retina Specialists (ASRS) on August 14, 2017, at the ASRS annual meeting in Boston, Massachusetts.

David Sarraf, MD, health sciences clinical professor of ophthalmology, received the LuEsther T. Mertz Lecture-ship Award from The Macula Foundation, on April 10, 2018, in New York, New York. Dr. Sarraf also presented the Mark J. Daily, MD, Retina Lecture at the 29th Loyola Ophthalmology Resident Alumni Day held at Loyola University on June 8, 2018, in Chicago, Illinois.

In addition, *The Retinal Atlas, 2nd Edition*, by Dr. Sarraf and co-authors, received highly commended honors at the 2017 British Medical Association Medical Book Awards on September 18, 2017, in London, United Kingdom.

David S. Williams, PhD, professor of neurobiology, received a \$2.3 million grant for research on RPE cell biology, aging, and disease from the National Eye Institute, National Institutes of Health on September 1, 2017.

Dr. Williams also received two awards from the Foundation Fighting Blindness on October 16, 2017: a New Foundation Fighting Blindness Individual Investigator Award of \$300,000 for studies on gene editing to treat Usher Syndrome, and a New Foundation Fighting Blindness Program Project Award of \$2.5 million for collaborative research on understanding Usher syndrome and choroideremia.

2017 AAO Annual Meeting

UCLA Department of Ophthalmology faculty and staff were honored for their contributions to our field at the November 11–14, 2017, American Academy of Ophthalmology (AAO) Annual Meeting in New Orleans, Louisiana.

Life Achievement Honor Award

Kevin M. Miller, MD
Alfredo A. Sadun, MD, PhD

Senior Achievement Award

Joseph L. Demer, MD, PhD
JoAnn A. Giaconi, MD
David Sarraf, MD

Achievement Award

Fei Yu, PhD

Secretariat Award

Gary N. Holland, MD



Dr. Kevin Miller, chief of the Cataract and Refractive Surgery Division, and his team, The Ringers, rang in first place at the AAO Ophthalmic Premier League Symposium video competition. Left to right: Dr. Boris Malyugin from Moscow, Dr. Chee Soon Phaik from Singapore, Dr. Miller, and Dr. Yuri McKee from Phoenix.

Institute News

New Appointments

Saba Al-Hashimi, MD
Health Sciences Assistant
Clinical Professor

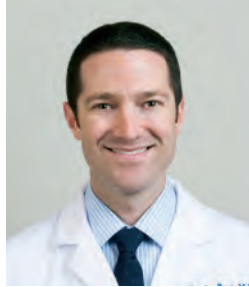


Specializing in infections of the cornea, Dr. Al-Hashimi joined the UCLA Department of Ophthalmology faculty on July 10, 2017.

Dr. Al-Hashimi received his medical degree from the Virginia Commonwealth University School of Medicine in Richmond, Virginia, followed by an internship at Olive View-UCLA Medical Center in Sylmar, California. He conducted his ophthalmology residency training at Boston University Medical Center in Boston, Massachusetts, and then returned to UCLA, where he completed a fellowship in cornea-external ocular disease and refractive surgery at the Stein Eye Institute.

Patients can see “Dr. Saba” at the Institute’s Westwood campus.

Benjamin B. Bert, MD
Health Sciences Assistant
Clinical Professor



Dr. Bert became a UCLA Department of Ophthalmology faculty member on July 1, 2017. He specializes in cornea-external ocular disease and refractive surgery.

After Dr. Bert received his medical degree from SUNY Health Science Center in Syracuse, New York, he completed an internship at Mount Sinai St. Luke’s and Mount Sinai Roosevelt in New York, followed by ophthalmology residency training at the New York Eye and Ear Infirmary. Dr. Bert conducted his fellowship in cornea-external ocular disease and refractive surgery at the Doheny Eye Institute, and sees patients at the Doheny Eye Center UCLA locations in Orange County and Pasadena.

Simon Fung, MD
Assistant Professor of
Ophthalmology



Dr. Fung, a specialist in adult and pediatric cornea and anterior segment, began his faculty appointment on January 11, 2018.

After receiving his medical degree at the University of Oxford in England, Dr. Fung underwent ophthalmology residency training at Moorfields Eye Hospital in London, where he was the 2013–2014 chief resident. After completing fellowships in adult and pediatric cornea and anterior segment—first at Moorfields and then at The Hospital for Sick Children in Toronto, Ontario, Canada—Dr. Fung came to the UCLA Stein Eye Institute, where he takes care of the Institute’s youngest patients in the Pediatric Ophthalmology Division.

Hamid Hosseini, MD
Assistant Professor of
Ophthalmology



Dr. Hosseini, who was promoted to his current position on August 1, 2017, specializes in retinal and macular conditions, such as macular degeneration, diabetic retinopathy, and retinal detachment.

He received his medical degree from Tehran University of Medical Sciences in Iran, where he also completed his internship. Dr. Hosseini then received his ophthalmology residency training from Shiraz University of Medical Sciences in Iran.

Dr. Hosseini completed two fellowships at the UCLA Stein Eye Institute, the first in glaucoma and the second in retina. He participates in all activities of the Retina Division, including research, education, and clinical care. He sees patients at the Stein Eye Institute in Westwood and Harbor-UCLA Medical Center.

IN MEMORIAM

Henry I. Baylis, MD 1935–2017



Henry I. Baylis, MD, founding chief of the UCLA Stein Eye Institute Orbital and Ophthalmic Plastic Surgery Division, died September 19, 2017.

Dr. Baylis was born in Pontiac, Michigan, in 1935 and attended medical school at the University of Michigan. He conducted his residency at the University of California San Francisco and trained in ophthalmic plastic surgery in New York.

Soon after arriving in Los Angeles to open his medical practice, Dr. Baylis joined the clinical faculty of the UCLA Stein Eye Institute. Combining a passion for the discipline with an innovative approach to teaching and surgery, Dr. Baylis created an innovative and academically robust Division—formally established in 1981—with the vision and support of Institute Founding Director, **Bradley R. Straatsma, MD, JD**.



Dr. Baylis, center, an innovative and influential leader in the field of orbital and ophthalmic plastic surgery, trained generations of ophthalmologists in the subspecialty.

Dr. Baylis regularly presented at the American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS), and the annual Baylis Lecture at the ASOPRS meeting honors Dr. Baylis's leadership in aesthetic oculo-facial surgery. In addition to writing respected academic articles and running a busy clinic, he founded the premier subspecialty publication, *Journal of Ophthalmic Plastic and Reconstructive Surgery*. To further education in the field, Dr. Baylis started the ASOPRS Fellowship at UCLA in 1975, which has since trained 60 fellows.

"Hank's career was characterized by imagination and bold innovation. His numerous articles on surgical technique introduced ideas that have become cornerstones of our specialty," says **Robert Alan Goldberg, MD**, chief of the Orbital and Ophthalmic Plastic Surgery Division.

Through his foresight and leadership, Dr. Baylis saw his field transform to a robust discipline with an accredited subspecialty curriculum, academic divisions in almost every university ophthalmology program, and wide respect from colleagues in related specialties.

Dr. Baylis is survived by his three children, two grandchildren, and his wife, Barbara Baylis.

Honoring the Life Work of Dr. Henry Baylis

To recognize Dr. Baylis's remarkable contributions to both academic medicine and ophthalmology, the Stein Eye Institute established the Henry I. Baylis, M.D. Fund in Orbital and Ophthalmic Surgery to support the research activities of the Orbital and Ophthalmic Plastic Surgery Division.

Due to initial generous support from alumni and colleagues, the fund was converted to an endowment. The aim is to raise \$2 million, so an administrative chair may be established.

"Dr. Baylis was a true pathfinder, and we endeavor to fully honor his legacy," says **Bartly J. Mondino, MD**, director of the Stein Eye Institute and chairman of the UCLA Department of Ophthalmology. "We thank our alumni and friends for their continued commitment to outstanding members of the UCLA family."

For information on how you can support the chair campaign in honor of Dr. Baylis, contact Director of Development, M. Gail Summers, at: mgsummers@mednet.ucla.edu or 310-206-9701.

IN MEMORIAM



David R. Fett, MD, associate clinical professor of ophthalmology and resident alumnus, passed away from a heart attack on August 3, 2017.

Following his undergraduate education at the Massachusetts Institute of Technology, Dr. Fett graduated from the Geisel School of Medicine at Dartmouth. He conducted his residency training at the UCLA Stein Eye Institute (1981–1984) and then completed a

fellowship in ophthalmic plastic surgery at the University of Illinois in Chicago. Upon his return to Los Angeles, Dr. Fett began a successful private practice in oculoplastic surgery, performing approximately 40,000 surgeries by the time he retired in 2016.

Passionate about education and helping others, Dr. Fett spoke publicly about the importance of giving back. A leader in the community, Dr. Fett was an active member of the Leo Baeck Temple, supported his alma maters, and served on advisory boards. As a volunteer clinical faculty member at the UCLA Stein Eye Institute, he furthered the education of residents and fellows. Among his philanthropic gifts, he supported the training of fellows with the establishment of the David and Randi Fett Orbital and Ophthalmic Plastic Surgery Fellowship Endowment.

“Dr. Fett was a great friend, colleague, and supporter of UCLA,” says **Bartly J. Mondino, MD**, director of the Stein Eye Institute. “Through his academic contributions and his generous philanthropy, he has advanced the education of generations of Stein Eye residents and fellows.”

Dr. Fett is survived by his four children and his wife, Sabrina.

AAO Alumni Honors

Stein Eye alumni were honored at the November 11–14, 2017, American Academy of Ophthalmology annual meeting in New Orleans, Louisiana.

The Life Achievement Award was presented to **Drs. Baruch D. Kuppermann, Paul P. Lee, and Jay Stuart Pepose**.

Recipients of the Senior Achievement Award were **Drs. Christina Joy Flaxel, Neda Shamie, and Paul A. Sidoti**. Achievement Awards were given to **Drs. Mina M. Chung, Troy R. Elander, Troy M. Tanji, Kristina Tarczy-Hornoch, and Stephen H. Tsang**.

Alumni News

David H. Aizuss, MD, resident alumnus (1981–1984) and assistant clinical professor of ophthalmology, was elected president of the Los Angeles County Medical Association (LACMA). In his inaugural address, he pledged to help physicians confront the economic realities of practice in order to preserve and protect the doctor-patient relationship.

Dr. Aizuss, a partner at Ophthalmology Associates of the Valley, was also honored with the Independent Physician Leadership Award in Los Angeles, California, on November 1, 2017.

Resident alumnus **Harry S. Brown, MD, FACS** (1967–1970), posthumously received the 2018 Biosyntrx Thornton Humanitarian Award for his humanitarian spirit and relentless passion to restore sight to nearly a half million people through Surgical Eye Expeditions (SEE) International. Dr. Brown founded the nonprofit organization over 40 years ago to offer medical services by volunteer ophthalmic surgeons to disadvantaged patients worldwide.

The award was presented to SEE in Dr. Brown’s honor at the Hawaiian Eye Foundation event in Wailea, Hawaii, on January 15, 2018.

John So-Min Chang, MD, resident alumnus (1987–1990), has been named president-elect of the International Society of Refractive Surgery.

David B. Cohen, MD, PC, resident alumnus (1989–1992), died September 26, 2017, at the age of 55, following four years of neurological complications associated with radical neck surgery.

Born in Schenectady, New York, Dr. Cohen received his Bachelor of Science degree, magna cum laude, from Brigham Young University, his medical degree, with honors, from the University of Utah, and conducted his residency at the UCLA Stein Eye Institute.

A major in the Air Force, Dr. Cohen was chief of ophthalmology at Nellis Air Force Base in Las Vegas, Nevada. He established the Zion Eye Institute of St. George, Utah, and the Clear Vision Laser Center in Las Vegas, Nevada. At the time of his retirement, he had completed over 30,000 eye surgeries and laser treatments.

Dr. Cohen was an active member of the Church of Jesus Christ of Latter Day Saints and is survived by his mother, two brothers, and six sisters.

Gregg T. Kokame, MD, resident alumnus (1984–1987) and 2014 Pettit Lecturer, celebrated the 25th anniversary of The Retina Center at Pali Momi, with an international vitreo-retinal symposium April 27–29, 2018, in Waikiki, Hawaii.

Dr. Kokame founded The Retina Center in 1993—the same year as his clinical practice, Retina Consultants of Hawaii—and is its medical director of research and educational programs. The Retina Center at Pali Momi has participated in over 50 multicenter clinical trials, with research resulting in over 90 publications and invited lectures throughout the world.

Dr. Kokame is also a co-founder of the Gass Fellowship Society, which celebrated its 7th meeting in New Orleans, Louisiana, on November 9, 2017. The Society honors Dr. J. Donald Gass, considered the “Father of Macular Diseases.”

Education

COURSES

Club LatinoAmericano de Neuro-oftalmologia

The Club LatinoAmericano de Neuro-oftalmologia (CLAN) held their XXIX reunion at the UCLA Stein Eye Institute on October 6-7, 2017. Spanish-speaking professionals and invited experts who specialize in neuro-ophthalmology come together at CLAN to discuss complex issues and clinical cases. The event was co-coordinated by **Peter A. Quiros, MD**.

Invited Speaker, **Joseph L. Demer, MD, PhD**, spoke about the contributions of orbital connective tissues and extraocular muscle compartmentalization to ocular motility and strabismus. UCLA Department of Ophthalmology faculty **Drs. Anthony C. Arnold, Laura Bonelli, Lynn K. Gordon, Stacy L. Pineles, and Alfredo A. Sadun** contributed to the two-day program, as did volunteer faculty member **Dr. Howard R. Krauss** and neuro-ophthalmology clinical fellow alumnus **Dr. Melinda Chang**.

23rd Annual Vision Science Conference

The annual Vision Science Retreat, jointly sponsored by the Stein Eye Institute and the National Eye Institute Vision Science Training Grant, celebrated its twenty-third year October 13-15, 2017, at the UCLA Lake Arrowhead Conference Center. Basic scientists, clinical researchers, pre- and postdoctoral fellows, and invited guests participated in discussions and learning activities related to vision-science research. **Dr. Gustavo Aguirre**, professor of medical genetics and ophthalmology at the University of Pennsylvania, presented the keynote address.

Basic and Advanced Training in Cataract Surgery

To combat avoidable blindness, **Dr. Kevin M. Miller**, chief of the Cataract and Refractive Surgery Division, organized two cataract surgery courses, which included instruction by **Drs. Saba Al-Hashimi, John D. Bartlett, Hugo Y. Hsu, Kenneth L. Lu, Colin A. McCannel, Bartly J. Mondino**, and the

valuable contributions of UCLA volunteer faculty members.

The J&J Vision Basic Cataract Surgery Course in Santa Ana, California, on October 21, 2017, included all steps of cataract surgery from obtaining informed consent through postoperative instructions. Afternoon skills-transfer laboratories provided attendees with hands-on experience in ocular biometry, corneal mapping, lens power calculation, intraocular lens implantation, pupil management, surgical microscope set up and use, phacoemulsification equipment priming and tuning, and pig eye cataract surgery.

The Bausch & Lomb Advanced Cataract Surgery course, May 5, 2018, in Irvine, California, presented an anterior and pars plana vitrectomy wet lab, an affiliated technologies dry lab—with instruction in Trulign toric implantation, iris hooks and Malyugin rings, B-scan ultrasound, capsule retractors and capsular tension rings, anterior chamber intraocular lens implantation, corneal relaxing incisions, and Pentacam AXL anterior segment imaging—followed by a complex case video workshop.

For information about upcoming cataract courses, contact **Dr. Miller** by telephone: (310) 206-9951 or by email: kmiller@ucla.edu.



Attendees learning new techniques at the 2018 UCLA Orbital Center Master's Symposium & Dissection Workshop.

SAVE THE DATE

Please join us for a reception hosted by
UCLA STEIN EYE INSTITUTE ALUMNI ASSOCIATION
and the
**DOHENY EYE INSTITUTE
PROFESSIONAL ALUMNI ASSOCIATION**
at the

**2018 AMERICAN ACADEMY
ANNUAL MEETING**

SUNDAY, OCTOBER 28, 2018

5:30–8 p.m.

Westin, Chicago River North, Riverfront Room
320 North Dearborn, Chicago, IL 60654

RSVP BY OCTOBER 19, 2018

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alumni@sei.ucla.edu or 310-825-4148

UCLA Stein Eye Institute | **DOHENY EYE INSTITUTE**



CHICAGO 2018

Education

Comprehensive Ophthalmology Review Course

The Comprehensive Ophthalmology Review Course on February 15–18, 2018, at the UCLA Stein Eye Institute, reviewed the clinical essentials of each subspecialty in ophthalmology. The course was clinically oriented, with review concentrating on the epidemiology, clinical presentation, diagnosis, and management of ophthalmologic disease to prepare attendees for upcoming ophthalmology examinations and required continuing medical education recertification.

Directed by **Drs. John A. Irvine** and **Sherwin J. Isenberg**, the 4-day intensive review course is held annually by the UCLA Stein Eye and Doheny Eye Institutes. UCLA Course Faculty contributing to the 2018 program were **Drs. Bruce B. Becker, Benjamin B. Bert, Hugo Y. Hsu, Alex A. Huang, Monica R. Khitri, Olivia L. Lee, Colin A. McCannel, Tara A. McCannel, Kevin M. Miller, Daniel B. Rootman, SriniVas R. Sadda, David Sarraf, Irena Tsui,** and **Federico G. Velez, MD.**

International Retinal Imaging Symposium and Case Conference

The International Retinal Imaging Symposium (IntrIS) held at the California Nano-Systems Institute at UCLA on February 20, 2018, featured lectures in retinal imaging, including adaptive optics, fundus autofluorescence, ultra-widefield imaging, spectral domain and swept source optical coherence tomography (OCT), and OCT angiography.

Directed by **Drs. David Sarraf, K. Bailey Freund,** and **SriniVas R. Sadda**, IntrIS was a joint presentation by the UCLA Stein Eye and Doheny Eye Institutes and featured worldwide experts as guest speakers.

The Doheny/Stein Case Conference that followed on February 21, 2018, reviewed case presentations demonstrating diagnostic and/or management dilemmas.

UCLA Orbital Center Master's Symposium & Dissection Workshop

The UCLA Orbital Center Master's Symposium and Dissection Workshop February 23–24, 2018, at the UCLA Stein Eye Institute, was a tightly focused program of techniques and concepts related to orbital disease and its management.

Targeted to practicing ophthalmologists and orbital surgeons, the workshop focused on practical techniques and conceptual pearls that participants could immediately apply to their own practice.

Dr. Dinesh Selva, foundation chair of ophthalmology at the University of Adelaide, Australia, presented The Jack Rootman Lectureship in Orbital Disease. Program Chairs **Drs. Daniel Rootman** and **Robert Alan Goldberg**, chief of the Orbital and Ophthalmic Plastic Surgery Division, oversaw the program, which was taught by a multidisciplinary faculty of renowned leaders in the field.

UCLA Department of Ophthalmology Clinical and Research Seminar

The Institute's most prestigious educational event, the UCLA Department of Ophthalmology Clinical and Research Seminar, was held June 8–9, 2018, at the UCLA Stein Eye Institute.

The seminar covered current clinical and research aspects of each of the ophthalmic subspecialties, and included the full-time faculties of the Stein Eye and Doheny Eye Institutes, along with nationally prominent invited lecturers.

Sessions addressed current best practices in management, advanced surgical techniques, latest diagnostic technology, and translational research, in multiple educational formats, including didactic lecture, panel discussion, and case-based interactive presentations.

The annual seminar was highlighted by the following keynote lectures:

16TH THOMAS H. PETTIT LECTURER

David S. Rootman, MD
Professor of Ophthalmology & Visual Sciences
University of Toronto

16TH BRADLEY R. STRAATSMA LECTURER

Vinit B. Mahajan, MD, PhD
Associate Professor of Ophthalmology
Stanford University

49TH JULES STEIN LECTURER

Carol L. Shields, MD
Professor and Director,
Ocular Oncology Service
Wills Eye Hospital

49TH DOHENY MEMORIAL LECTURER

Stephen D. McLeod, MD
Professor and Chair, Department of Ophthalmology
University of California,
San Francisco

Resident and Fellow Graduation and Award Ceremony

Residents, fellows, and faculty were honored for excellence at the Stein Eye Institute/Doheny Eye Institute graduation on June 1, 2018:

Resident Research Award
Tamara Lenis, MD, PhD

Clinical Fellow Research Award
Deepak Ramesh, MD

International Fellow Research Award
Ji Hyun Kim, MD

Postdoctoral Fellow Research Award
Soh Youn Suh, MD

Predoctoral Fellow Research Award
Roni Hazim

ARVO Young Investigator Travel Award
Todd Driver, MD

Resident Weekly Quiz Award
Cameron Pole, MD

Faculty Teaching Award
Monica R. Khitri, MD

Fellow Teaching Award
Christopher C. Lo, MD

Resident Teaching Award
Todd H. Driver, MD

Resident Award for Medical Student Teaching
Todd H. Driver, MD
Wade Stoddard, MD

Destinations of 2018 Graduating Residents

Todd H. Driver, MD
Proctor Foundation
Cornea Fellowship
Univ. of California, San Francisco

Juliet O. Essilfie, MD
Private Practice
Los Angeles, California

Sean T. Garrity, MD
Retina Fellowship
Tufts Medical Center/New England Eye Center

Wayne Gui, MD
Retina Fellowship
UCLA Stein Eye Institute

Shawn Lin, MD, MBA
Cornea Fellowship
Massachusetts Eye and Ear Infirmary

Erika T. Tanaka, MD
Comprehensive Ophthalmologist
Kaiser Permanente Rock Creek

Elaine Wang, MD
Glaucoma Fellowship
Bascom Palmer Eye Institute

David Xu, MD
Retina Fellowship
Wills Eye Hospital

Destinations of 2018 Graduating Fellows

Stein Cornea and Refractive Surgery Fellows

Pejman Bakhtiary, MD
Private Practice
Los Angeles, California

Tulika Chauhan, MD
Senior Clinical Research Fellow
Manchester Royal Eye Hospital
Manchester, United Kingdom

Huong Duong, MD
Lecturer
Univ. of Medicine & Pharmacy

Erick Encampira Luna, MD
Centro Oftalmológico del Estado
de México
Asociación para Evitar la Ceguera
en México

Stein Glaucoma Fellows

Thomas J. Avallone, MD
Assistant Professor of Surgery
Naval Medical Center San Diego

Nima Fatehi, MD
Internal Medicine Residency
Saint Agnes Medical Center
Fresno, California

Ji Hyun Kim, MD
Siloam Eye Hospital
Seoul, South Korea

Janet Lee, MD
Private Practice
Las Vegas, Nevada

Wen-Shin Lee, MD
Clinical Assistant Professor
Byers Eye Institute
Palo Alto, California

Alessandro Rabiolo, MD
Scientific Institute San Raffaele
Milan, Italy

Doheny Glaucoma Fellow

Christine V. Nguyen, MD
Private Practice
Los Angeles, California

Stein Ophthalmic Pathology Fellow

Diana Lee, MD
Ophthalmology Residency
Roski Eye Institute
Los Angeles, California

Stein/Doheny Orbital and Ophthalmic Plastic Surgery Fellows

Hamzah Sayeed Mustak, MD
Head of Oncology, Oculoplastics
and Orbital Surgery
University of Cape Town
Cape Town, South Africa

Sathyadeepak Ramesh, MD
Private Practice
Philadelphia, Pennsylvania

Stein Pediatric Ophthalmology Fellows

Muhammad Hassaan Ali, MBBS
Pediatric Ophthalmology and
Strabismus Fellowship
SickKids Hospital, Toronto, Canada

Shauna Berry, DO
Pediatric/Neuro-ophthalmology
Children's Hospital
Orange County, California

Yunping Li, MD, PhD
Associate Professor in
Ophthalmology
2nd Xiangya Hospital
Central South University, China

Azam Qureshi, MD
Kaiser Permanente San Jose
Medical Center

Narisa Rattanalert, MD
Attending Physician
Prince of Songkla University
Hat Yai, Songkhla

Stein Retina Fellows

Anibal Francone, MD
Retina Specialist
Buenos Aires, Argentina

Christian Sanfilippo, MD
Private Practice
Los Angeles, CA

Sanket U. Shah, MD
Private Practice
Los Angeles, California

Seong Joo Shin, MD
Chief of Ophthalmology Sahmyook
Seoul Hospital
Seoul, South Korea

Doheny Retina Fellow

Karntida Chanwimol, MD
Vitreoretinal Surgeon and Instructor
Mettapracharak Hospital
Nakornpathom, Thailand

Stein/Doheny Retinal Disorders and Ophthalmic Genetics Fellows

M. Zubair Y. Arain, MD

Giulia Corradetti, MD

Siya Huo, MD

Vidal Soberon, MD
Retina/Oncology Specialist
Asociación para Evitar la Ceguera
en México

Luca Zatreanu, MD
Medical Retina Specialist
Philadelphia, Pennsylvania

Incoming Residents

The UCLA Stein Eye Institute welcomed the 2021 incoming class of residents, who began their residency July 1, 2018.

Sarah Cheng, MD (EyeStar)
Stanford University

Michael daSilva, MD
University of Nebraska

Eliot Dow, MD, PhD
Weill Cornell Medical School

Nicholas Iafe, MD
UCLA David Geffen School of
Medicine

Jaffer Kattan, MD
UCLA David Geffen School of
Medicine

Ernest Puckett
University of Texas at Austin

Austin Woolley, MD
Case Western Reserve University

Andrea Yonge, MD
Johns Hopkins University

Incoming Fellows

The UCLA Stein Eye and Doheny Eye Institutes welcomed clinical and international fellows for the 2018-2019 academic year.

Stein Clinical Fellows 2018-2019

Nathan Abraham, MD
Cornea

Lindsay De Andrade, MD
Pediatric Ophthalmology

Giovanni Greaves, MD
Medical Retina

Wei Gui, MD
Retina (1st Year)

Jason "Mingyi" Huang, MD
Retina (2nd Year)

Justin, Karlin, MD
Oculoplastics (1st Year)*

Nikisha A. Kothari, MD
Retina (2nd Year)

Christopher C. Lo, MD
Oculoplastics (2nd Year)*

Niranjan Manoharan, MD
Retina (1st Year)

Amir Marvasti, MD
Cornea

Jennifer Pan, MD
Pediatric Ophthalmology

Christine Petersen, MD
Glaucoma

Terry Wood, MD
Medical Retina

Jonathan Young, MD
Glaucoma

Doheny Clinical Fellows 2018-2019

Anjali Tapadia, MD
Cornea

Aleksandr Yelenskiy, MD
Glaucoma

Stein International Fellows 2018-2019

Turad Alkadi, MD
Cornea, Saudi Arabia

M. Zubair Arain, MBBS
Retina, Pakistan

Clemence Bonnet, MD
Cornea, France

Arjun Buckshey, MD
Cornea, India

Ismael Chehaibou, MD
Retina, France

Seyed Reza Ghaffari, MD
Cornea, Iran

Toshiaki Goseki, MD
Pediatric Ophthalmology
Japan

Assaf Hilely, MD
Retina, Israel

Mee Yon Lee, MD
Retina, South Korea

Lin Li, MD, PhD
Pediatric Ophthalmology
China

Xiaohua Li, MD, PhD
Cornea, China

Golnoush Mahmoudi Nezhad, MD
Glaucoma, Iran

Vahid Mohammadzadeh, MD
Glaucoma, Iran

Bunyada Putthirangsiwong, MD
Oculoplastics, Thailand

Gilad Rabina, MD
Retina, Israel

Diana Salazar, MD
Glaucoma, Colombia

Yu-zhao Sun, MD, PhD
Cornea, China

Doheny International Fellows 2018-2019

Goichi Akiyama, MD, PhD
Glaucoma, Japan

Ahmed Roshdy Al-Agorie, MD
Retina, Egypt

Stacey Marie Aquino, MD
Neuro-Ophthalmology
Philippines

Iksoo Byon, MD, PhD
Retina, Japan

Mengyuan Fang, MD, PhD
Retina, China

Marco Nassisi, MD
Medical Retina, Italy

Shoab Ugrader, MD
Oculoplastics
United Kingdom

Aditya Verma, MD
Retina, India

Xin Yang, MD, PhD
Retina, China

*Shared Stein/Doheny fellowships

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Box 957000, 100 Stein Plaza
Los Angeles, California, 90095-7000
U.S.A.

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Los Angeles, CA 90095
Referral Service: (310) 794-9770
Emergency Service: (310) 825-3090
After-Hours Emergency Service:
(310) 825-2111
uclahealth.org/eye

Stein Eye Center-Santa Monica

1807 Wilshire Blvd., Suite 203
Santa Monica, CA 90403
(310) 829-0160

Doheny Eye Center UCLA-Arcadia

622 W. Duarte Rd., Suite 101
Arcadia, CA 91007
(626) 254-9010

Doheny Eye Center UCLA-Orange County

Orange Coast Memorial Medical Center
18111 Brookhurst St., Suite 6400
Fountain Valley, CA 92708
(714) 963-1444

Doheny Eye Center UCLA-Pasadena

Huntington Pavilion
624 S. Fair Oaks Blvd., 2nd Floor
Pasadena, CA 91105
(626) 817-4747



Alumni Relations

Facebook: www.facebook.com/JSEIAlumni
Email: alumni@jsei.ucla.edu

Philanthropy

Stein Eye Development Office
100 Stein Plaza, UCLA, Room 1-124
Los Angeles, CA 90095-7000
Telephone: (310) 206-6035
giving@jsei.ucla.edu

Volunteer Opportunities

Stein Eye Affiliates
Telephone: (310) 825-4148
Website: www.jseiassociates.org
Facebook: www.facebook.com/JSEIAffiliates
affiliates@jsei.ucla.edu

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www.uclahealth.org/Eye/news

Send comments or questions to:

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UCLA Health is consistently ranked among the best hospitals in the country by U.S. News & World Report, and UCLA Stein Eye and Doheny Eye Institutes are ranked among the top five in the nation in ophthalmology.