The UCLA Stein Eye Institute celebrated the grand re-opening of the newly renovated Jules Stein Building at a festive event on April 20, 2017.

In addition to tours showcasing the award-winning redesigned interior and exterior of the Jules Stein Building, the ceremony held special significance, coming 50 years after the original dedication of the flagship structure—a milestone that signaled the beginning of an ongoing commitment to the preservation of sight that has impacted millions of patients, medical professionals, and researchers over the last five decades.

Where one building once stood, now three buildings stand as testament to a true visionary, Jules Stein, MD—an ophthalmologist, musician, businessman, and philanthropist—who founded the Institute with his wife, Doris.

“At the dedication on November 3, 1966,” said Bradley R. Straatsma, MD, JD, founding director of the Institute and founding chairman of the UCLA Department of Ophthalmology, “I spoke of the Jules Stein Eye Institute ‘as an integrated focus for the care of patients with eye disease, for ophthalmic education and for research in the vision sciences.’ Today, with markedly expanded facilities, advanced medical and surgical procedures to treat eye disease, educational programs tailored to the digital age and technical simulation, and research catalyzed by genomics, immunomodulation, and in vivo imaging, the Institute—more than ever before—represents an opportunity for faculty and staff to render care, to teach, and to conduct research.”

continued on page 2
Letter from the Chair

"In helping create this facility—the largest eye institute ever built at one time in the world—we have begun to meet the critical needs that must be met if the sight of this nation is to be preserved. We are beginning to provide answers to a question that we should continue to ask ourselves today and every day until blindness is conquered: 'Why must we wait until people go blind before we do something about it.'"

Jules Stein, MD
Dedication of the Jules Stein Eye Institute
November 3, 1966

This spring we marked a tremendous dual milestone: the 50th anniversary of the UCLA Stein Eye Institute and the grand re-opening of the Jules Stein Building.

The celebratory event on April 20 was truly special, as we recalled our past history, recognized present achievements, and envisioned the future.

Over the course of five decades, the Institute has become a vision-science campus, recognized the world over for excellence in patient care, research, and education, as well as service to the community both locally and globally.

Our founding families, the Steins and Wassermans, were represented at the event by two members of our Board of Trustees: Gerald Oppenheimer, son of Doris and Jules Stein, and Casey Wasserman, grandson of Edie and Lew Wasserman. Also present was Dr. Bradley Straatsma—my predecessor—the founding chairman of the UCLA Department of Ophthalmology and founder of the Stein Eye Institute and the UCLA Department of Ophthalmology, whose foresight and determination helped shape the Institute as we know it today.

I thank these individuals for their contributions, and thank you, our valued members of the Stein Eye community, for your continued support, which has been so instrumental in the Institute’s success. It has been an amazing journey, and we look forward to the next fifty years of achievement in the preservation and restoration of sight.

Sincerely,

Bartly J. Mondino, MD
Director, Stein Eye Institute
Chairman, UCLA Department of Ophthalmology

Speaking to the honored guests, faculty, and alumni in attendance, UCLA Chancellor Gene Block reflected on the Institute’s growth, and said, “The original dream for ophthalmology at UCLA has evolved into the Institute’s bold transformation to a vision-science campus—an interconnected community of facilities and people in three buildings that merge research, training for new ophthalmologists, premier patient care, community outreach programs, and ongoing education for doctors worldwide.”

Space for New Discoveries and Improved Treatment of Eye Disease

In addition to the Doris Stein Building (dedicated in 1989) and the Edie & Lew Wasserman Building (dedicated in 2014), the renovated Jules Stein Building will help the Institute continue delivering cutting-edge clinical care, said Bartly J. Mondino, MD, director of the Stein Eye Institute and chairman of the UCLA Department of Ophthalmology. “More space allows us to create revolutionary, new programs in treating eye disease, using techniques such as stem cells, gene therapy and even big data to help us gain a 360-degree view of a patient’s health problems, leading to new findings, novel treatment plans, and more accurate diagnosis.”

The expanded facilities enable UCLA to further broaden research and provide exemplary care for patients in the treatment of eye disease. The renovated Jules Stein Building features two floors of new modular laboratories, which can expand and contract for researchers, as funding needs change. The comprehensive ophthalmology and glaucoma areas have been redesigned, as has the Center for Community Outreach and Policy. Urgent Care is now a separate unit.

The updated Jules Stein Building, designed by architect Jeffrey Stenfors, features a spacious atrium entrance that illuminates the first three floors. Like the Edie & Lew Wasserman Building, the Jules Stein Building utilizes more glass and light. The redesigned building, which is LEED-certified, also has been seismically upgraded. The approximately $65 million, 108,000-square-foot project was funded in large part by private philanthropy.

"I am constantly moved by the deep and really visionary generosity of Stein Eye supporters," said Kelsey Martin, MD, PhD, dean of the David Geffen School of Medicine. “Their philanthropy has been so important in enabling Stein ophthalmologists and vision scientists to devote their careers to creating a future that’s free of eye disease and blindness.”

UCLA’s research and clinical work in the field of ophthalmology have grown rapidly during the past five decades, as has its outreach. Over the course of 40 years, the UCLA Mobile Eye Clinic has provided free care to more than 300,000 underserved children and adults.

A modified entrance and multi-story atrium add natural light to the Jules Stein Building. The award-winning re-design thematically blends the flagship structure with the Doris Stein and Edie & Lew Wasserman Buildings.
The renovation of the Jules Stein Building includes the addition of state-of-the-art modular laboratories that can expand and contract as needed. The increased space opens the door to recruitment of more vision scientists and development of revolutionary programs to treat eye disease.

"In these remarkable 50 years, we've had many changes but only one goal: superb patient care, research, and education for ophthalmological disorders," said John C. Mazzotta, MD, PhD, vice chancellor, UCLA Health Sciences and UCLA Health chief executive officer. "That goal has been delivered year in and year out."

Broadening Patient Access to Eye Care
The UCLA Department of Ophthalmology has also expanded from the Stein Eye Institute's Westwood campus into the greater Los Angeles community, with three affiliated hospitals: Harbor-UCLA Medical Center, Olive View-UCLA Medical Center, and the Veterans Affairs Greater Los Angeles Healthcare System; as well as the Stein Eye Center in Santa Monica, which has doubled in size since its opening in 2012.

In late 2013, the Stein Eye Institute formed a historic affiliation with the Doheny Eye Institute, opening new opportunities for collaboration and research by creating a single, integrated UCLA Department of Ophthalmology supported by both institutes. Through this partnership, Doheny Eye Center UCLA locations have opened in Arcadia, Orange County, and Pasadena, improving access to ophthalmic care in more sectors of Los Angeles.

At the 1966 dedication, Dr. Stein said that the Jules Stein Eye Institute was built for the people of today and tomorrow. "And as it was fifty years ago," notes Dr. Stratsma, "benefits derived from this enhanced opportunity will be evident only in the future. It is pertinent to recall the advice given by John Hunter, the leading English surgeon of the 18th century, to Edward Jenner, a country practitioner, advice that prompted Jenner to perform a series of experiments and led to the control of smallpox by vaccination. John Hunter's words were 'Try, be patient, and be accurate.' And we must continue to try, to be patient, and to be accurate."

Reflecting on 50 Years of Care
Overall, how different is the practice of ophthalmology today from when the Stein Eye Institute opened its doors 50 years ago?
Over the course of five decades, every aspect of our work has advanced. We see developments almost every day: greater precision, smaller incisions, more detailed imagery, better ways to identify problems, new treatments for the previously untreatable. All of these elements are changing patient care for the better.
What are some of the best examples of these advances?
Take cataract surgery. When I started in ophthalmology, large incisions were necessary and patients were kept for several days in the hospital, after which they still required very thick glasses or contact lenses. Fast forward to the present day, when cataract surgery is an outpatient procedure and the patient goes home with a lens inserted in the eye to correct vision. We have also seen important advances in corneal surgery. Today, in many cases, rather than replacing the entire central cornea, we have the option of replacing only the back layers, which means less chance of rejection, along with a smaller-sized wound and less suturing. Another dramatic example is in macular degeneration, a leading cause of vision loss among older adults, and previously untreatable. Now, with anti-VEGF therapy, we inject medications into the vitreous of the eye to prevent the growth of blood vessels that could potentially rupture and cause vision loss. At the Stein Eye Institute, we were part of the early clinical trials of these agents, some of which also are being used for diabetic retinopathy, a growing concern with the epidemic of diabetes in our society.
What other conditions do you see more today than in the past?
Age is the major risk factor for most of the conditions we see. When you think about how much longer we’re living today than people were 50 years ago, it’s not surprising that we’re seeing more cataracts, more macular degeneration, and more glaucoma, which have been the three biggest causes of visual disability in the United States. We don’t think much about cataracts because that condition is so easily treated now, but that would be a leading cause of blindness if not treated. The conditions that are causing the most blindness now are glaucoma and macular degeneration.

You spoke of the advances in treating macular degeneration. Where is the field with glaucoma? Glaucoma continues to be treated using topical drops and drugs, and if that’s not successful, surgery is performed. Today, there are less extensive surgical treatments for glaucoma using smaller devices, which makes for a faster recovery, but, unfortunately, the vision outcomes are not significantly improved. So glaucoma still is a big challenge and a major research focus. In addition to controlling the intraocular pressure, there is an ongoing focus on finding agents that will protect cells in the retina so that they don’t degenerate.

Everyone wants to see well, but what’s the larger impact the Stein Eye Institute makes by addressing vision problems? Just as one example, a member of our faculty conducted a study showing that cataract surgery reduced the risk of fall-related hip fractures among the elderly. So these advances have a public-health impact beyond the quality of life that comes with better vision. On the other side of the age spectrum, we know that vision problems can affect school performance, and unfortunately, the vision outcomes are not significantly improved. So glaucoma still is a big challenge and a major research focus.

Incidence rates for ocular albinism are difficult to determine, partly due to frequent misdiagnosis, but the most common form of the condition, Nettleship-Falls or type 1, affects at least 1 in 60,000 males in the United States, according to the National Institutes of Health. The classic signs and symptoms of ocular albinism are much less common in females, who are carriers. Unlike some other forms of albinism, ocular albinism usually affects at least 1 in 60,000 males in the United States, according to the National Institutes of Health. The classic signs and symptoms of ocular albinism are much less common in females, who are carriers. Unlike some other forms of albinism, ocular albinism usually affects at least 1 in 60,000 males in the United States, according to the National Institutes of Health. The classic signs and symptoms of ocular albinism are much less common in females, who are carriers. Unlike some other forms of albinism, ocular albinism usually affects at least 1 in 60,000 males in the United States, according to the National Institutes of Health. The classic signs and symptoms of ocular albinism are much less common in females, who are carriers. Unlike some other forms of albinism, ocular albinism usually affects at least 1 in 60,000 males in the United States, according to the National Institutes of Health.

Dr. Farber and Young are currently exploring the potential use of stem cells to replace defective DNA in the treatment of ocular albinism.
Jean Stein
February 9, 1934—April 30, 2017

It is with great sadness that we report the passing of Jean Stein, the eldest daughter of Jules and Doris Stein, who carried forward her family's love of art and dedication to philanthropy.

Jean was born in Los Angeles in 1934 and raised with her sister, Susan, and stepbrothers, Harold and Gerald Oppenheimer. Following private school in Switzerland, she attended Wellesley College in Massachusetts before moving to Paris and studying at the Sorbonne.

In the mid-1950s, Jean was working at the Paris Review, interviewing notable figures, including novelist William Faulkner. In the 1960s, Jean moved to New York and worked with respected magazine editor, Clay Felker. In her Upper West Side apartment, Jean hosted dynamic salons that included authors, politicians, artists, scientists, and cultural icons. “I am very interested in these different worlds coming together, so you’re not only writing, you’re not only art, you’re not only science, you’re bringing them together,” she told the Los Angeles Times in 1980.

Credited as a pioneer of the narrative form of oral history, Jean authored three books. American Journey: The Times of Robert Kennedy was edited by George Plimpton and published in 1978. Her second book, Edie: American Girl, published in 1982, was based on the life of Andy Warhol muse Edie Sedgwick and was received with great enthusiasm. Norman Mailer pronounced, “This is the book of the Sixties that we have been waiting for.” The New York Times described Stein's interviews for “Edie” as thorough and relentless, noting she spent a decade interviewing subjects—returning to some individuals as many as 15 times. Critic Maria Russo wrote, “Stein's expertly collaged narratives offered a glimpse of what seems like deep truth—as close as we're going to come to the real story of anything.” West of Eden: an American Place, Jean Stein's final book, was published by Random House in 2016.

In addition to her writing, Jean retained a deep interest in the Stein Eye Institute and its activities. Upon learning about the affiliation agreement between the Stein Eye Institute and Doheny Eye Institute from Bartly J. Mondino, MD, director of the Institute, Jean responded, “It is a strong alliance between the two institutions, and you are to be congratulated for bringing this collaboration into fruition.”

Jean was married to William vanden Heuvel, an attorney, former U.S. ambassador, and member of John F. Kennedy’s administration, and later to Torsten Wiesel, a Nobel Prize winning neuroscientist. She is survived by her brother Gerald Oppenheimer (Gail Oppenheimer); daughters Katrina vanden Heuvel (Stephen Cohen), publisher and editor of The Nation magazine and a member of the Stein Eye Institute Board of Trustees, and Wendy vanden Heuvel, an actress and producer; and granddaughter Nicola Cohen.

“Our condolences go out to Jean's family,” says Dr. Mondino. “She will be deeply missed.”

Albert T. Milauskas, MD, FACS
June 27, 1936–December 14, 2016

Albert Milauskas, MD, FACS, passed away peacefully on December 14, 2016, at the age of 80.

Dr. Milauskas conducted his training at the Wilmer Ophthalmological Institute of the Johns Hopkins Hospital in Baltimore, Maryland. Specializing in cataract and refractive surgery, he made important contributions to the field, pioneering innovations such as intraocular lens implants and phacoemulsification.

Dr. Milauskas was a longtime member of the volunteer clinical faculty of the UCLA Stein Eye Institute. “Al contributed countless hours teaching cataract surgery to residents and fellows in Southern California,” says Kevin M. Miller, MD, Kolokotrones Chair in Ophthalmology and chief of the Institute's Cataract and Refractive Surgery Division. “He was a kind and unassuming human being. I will miss him.”

He is survived by his wife, Dorothy; four children; and one grandson.

Harry S. Brown, MD, FACS
August 1, 1930–April 16, 2017

Harry S. Brown, MD, FACS, passed away April 16, 2017, at the age of 86.

Dr. Brown founded Surgical Eye Expeditions (SEE) International, Inc., an organization that has provided the gift of sight to 500,000 people worldwide and vision care to over 3.8 million people in over 80 countries.

Following his UCLA Department of Ophthalmology residency training (1967–1970), Dr. Brown embarked on an expedition to experience firsthand the challenges faced by ophthalmologists in the developing world.

“Harry founded SEE International to provide sight-restoring eye surgery by volunteer ophthalmologists to thousands upon thousands of needlessly blind people. For his humanitarian work, Harry earned admiration and received honors worldwide,” says Bradley R. Straatsma, MD, JD, founding chairman of the UCLA Department of Ophthalmology and founding director of the Stein Eye Institute.

SEE International has grown to more than 650 medical volunteers from over 75 different countries, with more than 300 United States-based ophthalmic surgeons—including Institute volunteers and UCLA alumni.

He is survived by his wife, Phyllis Ann; four children, nine grandchildren; and one great grandson.

IN REMEMBRANCE
IN REMEMBRANCE
IN REMEMBRANCE

Jules Stein Building is an Award Winner!

The Jules Stein Building received the 2017 Westside Prize from the Urban Forum for public/institutional design. The prestigious award is granted annually to buildings that exemplify good architecture in Los Angeles.

The award was presented to Stenfors Associates Architects, the design firm behind the renovation of the Jules Stein Building, at a ceremony in Santa Monica, California, on June 9, 2017.

Gavin G. Bahadur, MD

Gavin G. Bahadur, MD, a full-time ophthalmologist at the Stein Eye Center–Santa Monica, was promoted to assistant clinical professor of ophthalmology in January 2017. Dr. Bahadur specializes in comprehensive ophthalmology, including cataract, pterygium, and glaucoma surgery. In addition to his clinical duties, Dr. Bahadur teaches medical students during their ophthalmology surgical subspecialties rotation. His research interests include medical informatics and health care policy.

After obtaining his medical degree with a citation for academic excellence–outstanding ranking at Brown University, Dr. Bahadur conducted an internship in neurology, infectious disease, and cardiology at St. Joseph Mercy Hospital, University of Michigan, in Ann Arbor, Michigan. He conducted his residency and fellowship training in glaucoma and anterior segment at the Manhattan Eye, Ear, and Throat Hospital in New York, New York.

Faculty Honors

Anthony C. Arnold, MD, Jerome and Joan Snyder Chair in Ophthalmology, was honored with the S. Rodman Irvine Prize at the UCLA Stein Eye Institute Clinical and Research Seminar on June 9, 2017, in Los Angeles, California. The award recognizes demonstrated excellence in professional actions and exemplary dedication to teaching future generations of ophthalmologists.

Robert Alan Goldberg, MD, Karen and Frank Dabby Endowed Chair in Ophthalmology, presented the John Wobig Lecture at Casey Eye Institute, Oregon Health and Science University, April 21, 2017, in Portland, Oregon.

Lynn K. Gordon, MD, PhD, Vernon O. Underwood Family Chair in Ophthalmology, was honored with the North American Neuro-Ophthalmology Society (NANOS) Merit Award at the April 3, 2017, NANOS Annual Meeting in Washington, D.C.


Alex A. Huang, MD, PhD, assistant professor of ophthalmology, was named to The Ophthalmologist’s Top 50 Rising Stars List 2017 and ranked #1 of “Ophthalmology’s Top 50 Rising Stars.”


SriNivas R. Sadda, MD, professor of ophthalmology, received the Paul Henkind Award and presented the Paul Henkind Memorial Lecture at the 40th Annual Macula Society Meeting on June 8, 2017, in Singapore.

Alfredo A. Sadun, MD, PhD, Flora Thornton Chair of Vision Research, presented the keynote address in neuro-ophthalmology at the annual meeting of the European Ophthalmological Society on June 13, 2017, in Barcelona, Spain. Dr. Sadun also presented the Distinguished Alumni Lecture at the annual meeting of the Massachusetts Eye and Ear Infirmary on June 24, 2017, in Boston, Massachusetts.

Roxana A. Radu, MD

Roxana A. Radu, MD, a basic science researcher at the Stein Eye Institute, has been promoted to assistant professor. Dr. Radu is a medical doctor who trained as a biochemist during her postdoctoral fellowship at the Institute. With a particular interest in the metabolism of vitamin A in the eye, Dr. Radu has been involved in evaluating the effects of retinoids in different organs in collaborative projects. Dr. Radu obtained her B.S. degree in mathematics and physics from the National College ‘Pratii Buzesti,’ in Romania, and she received her M.D. degree from the University of Craiova School of Medicine in Romania. She conducted her postdoctoral fellowship in retinoid biochemistry at the UCLA School of Medicine Department of Ophthalmology and Biological Chemistry, and she became an Institute researcher in 2004.

Dr. Radu also presented the keynote lecture at the Brazilian Council of Strabismus on May 20, 2017, in São Paulo, Brazil.
John A. Irvine, MD
Health Sciences Clinical Professor
UCLA Department of Ophthalmology
Medical Director, Doheny Eye Center UCLA

A native Californian, Dr. John Irvine received a Bachelor of Arts degree in zoology from Pomona College in Claremont, California, followed by a Master of Science degree in physiology, graduate training in experimental pathology, and his Doctor of Medicine degree from the Keck School of Medicine at the University of Southern California (USC). He conducted his internship at the Los Angeles County-USC Medical Center, followed by residency and a fellowship at Harvard Medical School in Boston, Massachusetts.

Dr. Irvine, an expert in cornea and external diseases, was professor of clinical ophthalmology at the Keck School of Medicine at USC prior to the affiliation of the Doheny Eye Institute and the Stein Eye Institute in 2013, when he and his Doheny colleagues became members of the UCLA Department of Ophthalmology.

Though long-associated with cross-town rival USC, Dr. Irvine has a strong connection to UCLA. His uncle, S. Rodman Irvine, was a critical force in the growth of ophthalmology at UCLA from its earliest stages, serving as the first acting chief of the UCLA Division of Ophthalmology.

It appears that ophthalmology is in your DNA.
Yes, I am one of six ophthalmologists in my family. My grandfather was Mrs. Estelle Doheny’s physician. My father and two uncles, as well as a cousin, also practiced in this specialty. It seems like it was a genetic fate to which I had little or no control.

When did you decide to follow in your family’s path?
My interest began when I was in college working as a summer lab technician in the Doheny Eye Foundation laboratory. I was drawn to ophthalmology’s blend of medicine and surgery, as well as the ability to make a remarkable difference in quality of life. However, subconsciously, I am sure that the satisfaction and joy of work I saw in my father’s demeanor had a role in my decision.

Why did you decide to specialize in cornea and external diseases?
As a resident, I enjoyed a rich experience in cornea/external disease with great mentors, which prompted me to pursue a fellowship that was equally inspiring and motivating.

What brought you to the Doheny Eye Institute?
I was in the right place at the right time. I originally had planned to join my father in practice in Los Angeles, but Doheny’s Cornea Service was losing two of three members to other job opportunities. Everything clicked, and they offered me a position—the lifetime of which I thought would be about five years. That was 30 years ago.

What do you think about the Stein/Doheny affiliation?
The affiliation between UCLA and Doheny has leveraged the power of UCLA as a world-class medical enterprise and academic institution to enhance the research efforts and entrepreneurial spirit of the Doheny Eye Institute. The opportunity and ability to collaborate with the outstanding faculty of the Stein Eye Institute, as well as other UCLA departments, is rich, full of potential, and already bearing fruit.

As its medical director, can you tell me a bit about the Doheny Eye Center UCLA?
The Doheny Eye Center UCLA is a clinical enterprise that brings the UCLA brand of high quality, patient-friendly primary, secondary, and tertiary ophthalmic care to communities surrounding its clinical locations in Pasadena, Arcadia/San Gabriel, and Orange County. Our sites are collaborative—sharing resources as needed on a daily basis to provide the highest quality of patient care and experience possible. We are so fortunate to have great staff to support our efforts on a daily basis.

You are the recipient of the USC Award for Excellence in Resident Teaching and the USC Faculty Teaching Award for Outstanding Teaching in Professionalism and the Practice of Medicine. What are your thoughts about instructing the next generation of ophthalmologists?
It all begins with the cultivation of medical student curiosity and interest, which then builds upon the work of those that have gone before. So it is also with residents and fellows, with whom we work much more intensively in knowledge and skills transfer. As teachers, we have a responsibility to nurture and mentor our students, residents, and fellows in the overriding principles of professionalism to our patients and to each other.

What do you enjoy most about your profession?
Patient care is one of my favorite aspects. Many of my patients have difficult problems for which they have not been successful in finding a cause or solution. I enjoy listening to their challenges, capitalizing on what has been tried, educating them about their problem, and working with them to find a solution. I also enjoy working with medical trainees to enhance their interaction with patients and to understand the trust that is granted to them by virtue of their training.

What are some of the more significant challenges of your work?
one of the greatest challenges is maintaining a working knowledge of the various areas within ophthalmology, as well as being able to deliver quality personalized care to patients in a world in which patient contact time is often truncated by busy schedules.

What do you consider your most important professional accomplishment?
I am proud to be regarded as a trusted mentor, colleague, physician, and consultant, who can be called upon for the benefit of my experience and honest opinion.

What do you do when you’re not working?
I have been married for 39 years to Tisha, mother of our two boys, and my steadfast partner and best friend. As an R.N. she continues to work in health care, teaching classes in the optimization of health and overall well-being. We now have daughters-in-law and a grandchild. I like to cook (and eat); Tisha likes to garden, and I like to supervise. We both enjoy hiking, traveling, and visiting with friends.

EyeMBA: Combining Residency and Business Administration

The Institute recently created another national first for medical education by working with the David Geffen School of Medicine at UCLA and the UCLA Anderson School of Management to develop EyeMBA, a master’s in business administration degree that is earned in tandem with an ophthalmology residency—the only joint program of its kind.

“EyeMBA was developed in recognition that future leaders in ophthalmology will need the financial, management, and measurement skills that are at the core of an MBA curriculum,” says Stacy L. Pineles, MD, assistant residency director for the UCLA Department of Ophthalmology. “EyeMBA residents gain skills that are broadly applicable to ophthalmologic leadership in academia, translational research, health system management, health care delivery, and biomedical industry.”
Clinical and Research Seminar Celebrates 50 Years of Vision

Focusing on emerging vision research across ophthalmic subspecialties, the UCLA Stein Eye Institute presented its most prestigious academic event on June 9, 2017—the Clinical and Research Seminar.

This year’s Seminar held special resonance for attendees, as it was presented in conjunction with the Institute’s golden anniversary and included three celebratory sessions: Founding Director and Founding Chairman of the UCLA Department of Ophthalmology, Bradley R. Straatsma, MD, JD, spoke to the Institute’s history with the presentation “Jules Stein, MD: Ophthalmologist, Entertainment Magnate, and Advocate for Vision”;

Anne L. Coleman, MD, PhD, director of the Stein Eye Institute Centers for Community Outreach and Policy, Eye Epidemiology, and the UCLA Mobile Eye Clinic, discussed the Institute’s commitment to community outreach and its impact on eye health; and Bartly J. Mondino, MD, director of the Institute and chairman of the UCLA Department of Ophthalmology, highlighted the Institute’s transformation to a vision-science campus and its advancements in education, patient care, and research.

The Seminar, sponsored by the UCLA Department of Ophthalmology Association, included prestigious named lectures by respected guests.

Comprehensive Ophthalmology Review Course

The Stein Eye Institute (SEI) and the Doheny Eye Institute (DEI) presented the Annual DEI/SEI Comprehensive Ophthalmology Review Course on February 9–12, 2017, at the UCLA Stein Eye Institute’s Research to Prevent Blindness Auditorium.

Directed by John A. Irvine, MD, and Sherwin J. Isenberg, MD, the four-day intensive course reviews the clinical aspects of each ophthalmic subspecialty and is aimed at ophthalmologists and trainees. The course is clinically oriented and concentrates on the epidemiology, clinical presentation, diagnosis, and management of ophthalmologic disease. The educational event helps to prepare attendees for ophthalmic knowledge assessment programs and recertification examinations. In addition, the course covers important clinical principles of ophthalmology and updates participants on any changes to traditional clinical protocols.

International Retinal Imaging Symposium

The 5th annual International Retinal Imaging Symposium (IRIS V) was held at the Tamkin Auditorium in the Ronald Reagan Medical Center at UCLA on March 25, 2017.

Meeting co-directors, David Sarraf, MD, K. Bailey Freund, MD, SriniVas R. Sadda, MD, organized a robust schedule of exciting lectures. The symposium featured over 40 retinal imaging experts from throughout the world, and attendance was standing room only. Innovative topics in retinal imaging were covered, including spectral domain and swept source optical coherence tomography (OCT) angiography; en face OCT; adaptive optics, autofluorescence, and wide field angiography.

Mark your calendars for IRIS VI, which will take place at UCLA on February 20, 2018, one day before the Macula Society meeting in Los Angeles.

Pacific Retina Club

The Pacific Retina Club met on March 24, 2017, at the Tamkin Auditorium in the Ronald Reagan Medical Center at UCLA.

Close to 70 interesting retinal cases were presented to attendees by local, national, and international retinal specialists—as well as residents and fellows interested in retinal disease. The meeting, organized by David Sarraf, MD, SriniVas R. Sadda, MD, and H. Richard McDonald, MD, was a great success, complete with energetic and educational discussion and insightful exchange.

Optometric Symposium on Advances in Eye Care

The UCLA Stein Eye Institute was host to the January 22, 2017, symposium “Advances in Eye Care.”

The 2017 program focused attention on glaucoma diagnosis and treatment, with lectures by course faculty Vikas Chopra, MD, Brian Francis, MD, MS, Alex Haang, MD, PhD, Jason Ng, OD, PhD, Jerry Paugh, OD, PhD, William Ridder, III, OD, PhD, and James Tan, MD, PhD. The joint one-day event is organized between the UCLA Stein Eye Institute, the Doheny Eye Institute, and the Southern California College of Optometry at Marshall B. Ketchum University.
Resident and Fellow Graduation and Award Ceremony

"Congratulations" was the word of the day at the Stein Eye Institute/Doheny Eye Institute resident and fellow graduation. The event, scheduled for June 2, 2017, took place at the UCLA Faculty Center. Awards for excellence in research, underwritten by the UCLA Stein Eye Institute Alumni Association, were presented at the ceremony:

- The Resident Research Award was given to Daniel Su, MD, for his paper, "An Updated Staging System of Type 3 Neovascularization Using Spectral Domain Optical Coherence Tomography."
- The Clinical Fellow Research Award was presented to Melinda Chang, MD, for her paper, "Optical Coherence Tomography Angiography (OCTA) of the Macula and Optic Nerve in Migraine Patients with and Without Aura."
- The Predoctoral Fellow Research Award was given to Tamaran Lenis, MD, PhD, for her paper, "Complement Mediation in the Retinal Pigment Epithelium Rescue Photoreceptor Degeneration in a Mouse Model of Stargardt Disease."
- The Postdoctoral Fellow Research Award was presented to Negin Asl, PhD, for her paper, "PD-Ligand Blockade Decreases IRBP-Induced Uveitis in Mice."
- The International Fellow Research Award was given to Andrea Govetto, MD, for his paper, "Insights Into Epithelial Membranes: Presence of Ectopic Inner Foveal Layers and a New Optical Coherence Tomography Staging Scheme."

At the graduation, Uday Devgan, MD, FACS, FRCS, clinical professor of ophthalmology and chief of ophthalmology at Olive View-UCLA Medical Center, was honored with the Faculty Teaching Award in recognition of his contributions to residency education.

Destinations of 2017 Graduating Residents and Fellows

We bid goodbye to our Stein Eye Institute (SEI) and Doheny Eye Institute (DEI) outgoing residents and fellows who are moving on to the next step of their training and career:

SEI/DEI GRADUATING RESIDENTS

<table>
<thead>
<tr>
<th>Residence</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph G. Christenbury, MD</td>
<td>Cornea and Refractive Surgery Fellowship</td>
</tr>
<tr>
<td>Melinda C. Fry, MD</td>
<td>Comprehensive Ophthalmologist</td>
</tr>
<tr>
<td>Janet Lee, MD</td>
<td>Glaucoma Fellowship</td>
</tr>
<tr>
<td>Daniel C. Su, MD</td>
<td>Retina Fellowship</td>
</tr>
<tr>
<td>Andrew Tye, MD</td>
<td>Retina Fellowship</td>
</tr>
<tr>
<td>Rany Woo, MD</td>
<td>Private Practice</td>
</tr>
<tr>
<td>Chengjie Zheng, MD</td>
<td>Glaucoma Fellowship</td>
</tr>
</tbody>
</table>

SEI/DEI GRADUATING FELLOWS

<table>
<thead>
<tr>
<th>Fellowship</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEI Cornea and Refractive Surgery Fellows</td>
<td>Saba Al-Hashimi, MD</td>
</tr>
<tr>
<td>SEI Ophthalmology Fellows</td>
<td>Dwight Young, MD</td>
</tr>
<tr>
<td>SEI Neuro-Ophthalmology Fellow</td>
<td>Nucharee Piriavisut, MD</td>
</tr>
<tr>
<td>SEI Retina Fellows</td>
<td>Andrea Govetto, MD</td>
</tr>
<tr>
<td>SEI Neuro-Ophthalmology Fellow</td>
<td>Melinda Chang, MD</td>
</tr>
<tr>
<td>SEI Retinal Disorders and Ophthalmic Genetics Fellows</td>
<td>Bora Chae, MD</td>
</tr>
</tbody>
</table>

Incoming Ophthalmology Fellows

The UCLA Stein Eye Institute is pleased to introduce the following ophthalmology residents entering clinical and international fellowships in the 2017–2018 academic year:

STEIN EYE CLINICAL FELLOWS 2017–2018

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tulika Chauhan, MD</td>
<td>Cornea India</td>
</tr>
<tr>
<td>Giuliia Corradetti, MD</td>
<td>Retina Italy</td>
</tr>
<tr>
<td>Ramin Daneshvar, MD</td>
<td>Glaucoma Iran</td>
</tr>
<tr>
<td>Juan Pablo Davila Gonzalez, MD</td>
<td>Retina Mexico</td>
</tr>
<tr>
<td>Huong Duong, MD</td>
<td>Cornea Vietnam</td>
</tr>
<tr>
<td>Erick Encampria Luna, MD</td>
<td>Cornea Mexico</td>
</tr>
<tr>
<td>Anibal Francone, MD</td>
<td>Retina Argentina</td>
</tr>
<tr>
<td>Ju Hyun Kim, MD</td>
<td>Glaucoma South Korea</td>
</tr>
<tr>
<td>Yuning Li, MD, PhD</td>
<td>Pediatric Ophthalmology China</td>
</tr>
<tr>
<td>Alessandro Raboli, MD</td>
<td>Glaucoma Ita</td>
</tr>
<tr>
<td>Narissa Rattanalert, MD</td>
<td>Pediatric Ophthalmology Thailand</td>
</tr>
<tr>
<td>Diana Salazar, MD</td>
<td>Glaucoma Colombia</td>
</tr>
<tr>
<td>Seong Joo Shin, MD</td>
<td>Retina South Korea</td>
</tr>
<tr>
<td>Vidal Soberon, MD</td>
<td>Retinal Oncology Mexico</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tulika Chauhan, MD</td>
<td>Cornea India</td>
</tr>
<tr>
<td>Giuliia Corradetti, MD</td>
<td>Retina Italy</td>
</tr>
<tr>
<td>Ramin Daneshvar, MD</td>
<td>Glaucoma Iran</td>
</tr>
<tr>
<td>Juan Pablo Davila Gonzalez, MD</td>
<td>Retina Mexico</td>
</tr>
<tr>
<td>Huong Duong, MD</td>
<td>Cornea Vietnam</td>
</tr>
<tr>
<td>Erick Encampria Luna, MD</td>
<td>Cornea Mexico</td>
</tr>
<tr>
<td>Anibal Francone, MD</td>
<td>Retina Argentina</td>
</tr>
<tr>
<td>Ju Hyun Kim, MD</td>
<td>Glaucoma South Korea</td>
</tr>
<tr>
<td>Yuning Li, MD, PhD</td>
<td>Pediatric Ophthalmology China</td>
</tr>
<tr>
<td>Alessandro Raboli, MD</td>
<td>Glaucoma Ita</td>
</tr>
<tr>
<td>Narissa Rattanalert, MD</td>
<td>Pediatric Ophthalmology Thailand</td>
</tr>
<tr>
<td>Diana Salazar, MD</td>
<td>Glaucoma Colombia</td>
</tr>
<tr>
<td>Seong Joo Shin, MD</td>
<td>Retina South Korea</td>
</tr>
<tr>
<td>Vidal Soberon, MD</td>
<td>Retinal Oncology Mexico</td>
</tr>
</tbody>
</table>

Incoming Residents

The UCLA Stein Eye Institute welcomed its newest group of residents, effective July 1, 2017:

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adrian Au, MD (EyeSTAR)</td>
<td>Case Western Reserve University</td>
</tr>
<tr>
<td>Judd Cahoon, MD, PhD</td>
<td>University of Utah School of Medicine</td>
</tr>
<tr>
<td>Cameron Pole, MD</td>
<td>University of Miami</td>
</tr>
<tr>
<td>William Wade Stodard, MD</td>
<td>University of Colorado</td>
</tr>
<tr>
<td>Michel Sun, MD, PhD (EyeSTAR)</td>
<td>Washington University in St. Louis</td>
</tr>
<tr>
<td>Sandip Suresh, MD</td>
<td>University of Minnesota School of Medicine–Minneapolis</td>
</tr>
<tr>
<td>Madeline Yung, MD</td>
<td>UCLA David Geffen School of Medicine</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adrian Au, MD (EyeSTAR)</td>
<td>Case Western Reserve University</td>
</tr>
<tr>
<td>Judd Cahoon, MD, PhD</td>
<td>University of Utah School of Medicine</td>
</tr>
<tr>
<td>Cameron Pole, MD</td>
<td>University of Miami</td>
</tr>
<tr>
<td>William Wade Stodard, MD</td>
<td>University of Colorado</td>
</tr>
<tr>
<td>Michel Sun, MD, PhD (EyeSTAR)</td>
<td>Washington University in St. Louis</td>
</tr>
<tr>
<td>Sandip Suresh, MD</td>
<td>University of Minnesota School of Medicine–Minneapolis</td>
</tr>
<tr>
<td>Madeline Yung, MD</td>
<td>UCLA David Geffen School of Medicine</td>
</tr>
</tbody>
</table>
Leonard Apt, MD, was a true Renaissance man: a scholar, clinician, scientist, philanthropist, patron of the arts, sports enthusiast, and wine connoisseur.

A founding member of the UCLA Stein Eye Institute, Dr. Apt—an eye surgeon and an emeritus professor of ophthalmology—was one of the first physicians in the world to become board-certified in both pediatrics and ophthalmology. He devoted his career to preventing blindness in children.

Dr. Apt left a tremendous legacy gift of more than $15 million through his estate to support the Division of Pediatric Ophthalmology. The Leonard Apt, M.D., Pediatric Fellowship Fund, The Leonard Apt M.D., Pediatric EyeSTAR Residency Training Fund, and The Leonard Apt, M.D., Pediatric Ophthalmology Fund were established by the Leonard Apt Trust, memorializing his legacy. “This funding is an important resource for pediatric ophthalmology, and we are humbled by Leonard’s generosity,” says Institute Director and Chairman of the UCLA Department of Ophthalmology, Bartly J. Mondino, MD.

During his lifetime, Dr. Apt initiated his financial commitment toward the Institute when he established the Leonard Apt Endowed Fellowship in Pediatric Ophthalmology in 2002 and the Leonard Apt Endowed Chair in Pediatric Ophthalmology in 2003. The gifts helped advance efforts at Stein Eye to preserve and restore the vision of infants and children. Dr. Apt was also the first active faculty member to endow both a fellowship and a chair at UCLA.

In addition to being known for establishing the first division of pediatric ophthalmology at a U.S. medical school at UCLA and being one of the five founders of the Stein Eye Institute, Dr. Apt was also recognized as a pioneer in creating pediatric ophthalmology as a new subspecialty. In 1993, he took on the title of emeritus professor of ophthalmology and proudly carried that recognition until retiring in 2012. Dr. Apt was actively involved at UCLA and widely recognized nationally and internationally, being awarded countless honors and memberships in numerous societies and associations. He received UCLA’s prestigious Dickson Emeritus Professorship Award in 2009, honoring outstanding research, teaching, and service to the University, and he was awarded the first Distinguished Achievement Award from the American Association of Pediatric Ophthalmology and Strabismus.

At Stein Eye, Dr. Apt was co-founder and co-director of the Center to Prevent Childhood Blindness, along with his colleague Sherwin J. Isenberg, MD, Laraine and David Gerber Chair in Ophthalmology. UCLA physicians and basic scientists, including Leonard Apt, MD, Pediatric Ophthalmology and Strabismus.

At Stein Eye, Dr. Apt was co-founder and co-director of the Center to Prevent Childhood Blindness, along with his colleague Sherwin J. Isenberg, MD, Laraine and David Gerber Chair in Ophthalmology. UCLA physicians and basic scientists, including

Dr. Amani Fawzi Investiture

At a formal Investiture on June 22, 2017, Amani A. Fawzi, MD, received the Cyrus Tang and Lee Jampol Endowed Professorship in the Department of Ophthalmology at Northwestern University. Bradley R. Straatsma, MD, founding director of the Stein Eye Institute, served as Estallor at the event. Dr. Fawzi received her medical degree with honors from Cairo University in Egypt. She completed an international research fellowship at the Stein Eye Institute (1998–2000), followed by a second ophthalmology residency (2001–2004), and she rounded out her training with a vitreoretinal surgical fellowship at the Doheny Eye Institute. Dr. Fawzi presented the Thomas H. Pettit Lecture in 2014 at the Institute’s annual Clinical and Research Seminar, and she currently divides her time between her clinical/surgical practice and National Institutes of Health-funded research at Northwestern University.

Dr. John Chang Takes Leadership Role in Ophthalmology

Stein Eye residency alumnus, John Chang, MD, (1987–1990), has begun serving a two-year term as president of the International Society of Refractive Surgery. Dr. Chang is past president of the Hong Kong Association of Private Eye Surgeons, and he is on the executive committee of the Asia-Pacific Association of Cataract & Refractive Surgeons. He serves on the editorial board of Cataract & Refractive Surgery Today and Ocular Surgery News, and is chief editor of the Chinese edition of EuroTimes. Dr. Chang is associate clinical professor at the University of Hong Kong and the Chinese University of Hong Kong, and he is the director of the Guy Hugh Chan Refractive Surgery Centre of Hong Kong Sanatorium & Hospital. A clinical instructor specializing in refractive intraocular lenses and procedures, he also teaches courses for doctors in the Asia-Pacific region. Dr. Chang has received numerous honors in recognition of his educational activities and service to ophthalmology.

Dr. Amani Fawzi Investiture

At a formal Investiture on June 22, 2017, Amani A. Fawzi, MD, received the Cyrus Tang and Lee Jampol Endowed Professorship in the Department of Ophthalmology at Northwestern University. Bradley R. Straatsma, MD, founding director of the Stein Eye Institute, served as Estallor at the event. Dr. Fawzi received her medical degree with honors from Cairo University in Egypt. She completed an international research fellowship at the Stein Eye Institute (1998–2000), followed by a second ophthalmology residency (2001–2004), and she rounded out her training with a vitreoretinal surgical fellowship at the Doheny Eye Institute. Dr. Fawzi presented the Thomas H. Pettit Lecture in 2014 at the Institute’s annual Clinical and Research Seminar, and she currently divides her time between her clinical/surgical practice and National Institutes of Health-funded research at Northwestern University.

Dr. John Chang Takes Leadership Role in Ophthalmology

Stein Eye residency alumnus, John Chang, MD, (1987–1990), has begun serving a two-year term as president of the International Society of Refractive Surgery. Dr. Chang is past president of the Hong Kong Association of Private Eye Surgeons, and he is on the executive committee of the Asia-Pacific Association of Cataract & Refractive Surgeons. He serves on the editorial board of Cataract & Refractive Surgery Today and Ocular Surgery News, and is chief editor of the Chinese edition of EuroTimes. Dr. Chang is associate clinical professor at the University of Hong Kong and the Chinese University of Hong Kong, and he is the director of the Guy Hugh Chan Refractive Surgery Centre of Hong Kong Sanatorium & Hospital. A clinical instructor specializing in refractive intraocular lenses and procedures, he also teaches courses for doctors in the Asia-Pacific region. Dr. Chang has received numerous honors in recognition of his educational activities and service to ophthalmology.

Dr. Amani Fawzi Investiture

At a formal Investiture on June 22, 2017, Amani A. Fawzi, MD, received the Cyrus Tang and Lee Jampol Endowed Professorship in the Department of Ophthalmology at Northwestern University. Bradley R. Straatsma, MD, founding director of the Stein Eye Institute, served as Estallor at the event. Dr. Fawzi received her medical degree with honors from Cairo University in Egypt. She completed an international research fellowship at the Stein Eye Institute (1998–2000), followed by a second ophthalmology residency (2001–2004), and she rounded out her training with a vitreoretinal surgical fellowship at the Doheny Eye Institute. Dr. Fawzi presented the Thomas H. Pettit Lecture in 2014 at the Institute’s annual Clinical and Research Seminar, and she currently divides her time between her clinical/surgical practice and National Institutes of Health-funded research at Northwestern University.
Special Events

Fifty Years of Celebration

Festivities at the April 20, 2017, commemoration of the Stein Eye Institute’s 50th anniversary and grand re-opening of the Jules Stein Building, included speeches by UCLA leadership, a festive reception, and tours of the renovated building.

At the commemoration event, the lobby of the renovated Jules Stein Building provided a welcome location to reconnect with friends and colleagues.

The Reading Room in the Jules Stein Building displays cherished mementos and photos from the Stein and Wasserman families.

Local and state officials, including Governor Edmund G. Brown, Jr., California State Assemblyman Sebastian Ridley Thomas, Councilman Paul Koretz, Supervisor Sheila Kuehl, Congressman Ted Lieu, and members of the California State Assembly, sent proclamations and congratulatory letters in honor of the Institute’s 50th anniversary.

Community Outreach

Access to a Cure is Access to Care

The UCLA Mobile Eye Clinic (UMEC) participated in Care Harbor Los Angeles, a health fair in downtown Los Angeles where approximately 2,200 uninsured, underinsured, and at-risk people from across Southern California obtain free medical, dental, vision, and preventive care.

Using the UMEC bus as their base, the UCLA Stein Eye Institute’s team of technicians and volunteer ophthalmologists serve Care Harbor’s mission to promote the health and well-being of underserved populations. At the January three-day event, 141 patients were evaluated—often with unexpected results. For example, iritis, a retinal detachment, and glaucoma were discovered in one male patient who had not received an eye examination in three years. Another young patient was diagnosed with a retinal detachment, macular holes, and cataracts. These at-risk individuals are referred for further evaluation and treatment that is often free.

The critical role the UMEC plays in our most vulnerable populations cannot be overstated. “Care Harbor is a way to reach out, provide care, and make sure these individuals don’t lose their vision and go blind,” says Anne L. Coleman, MD, The Fran and Ray Stark Foundation Chair in Ophthalmology, and director of the Stein Eye Institute’s Center for Community Outreach and Policy, Eye Epidemiology, and the UCLA Mobile Eye Clinic.

The impact of the ophthalmologists’ time, support, and clinical expertise was evidenced by the feedback received, with every patient served saying a heartfelt “Thank You” in return.

The next Care Harbor event is at the Reef Exposition Hall, November 17–19, 2017.

EYE | Stein Eye Institute | Fall 2017 | Page 11