

EYE

J U L E S S T E I N E Y E I N S T I T U T E

Increasing Treatment Options for Strabismus

Strabismus—misalignment of the eyes—is much more than a cosmetic concern. **Sherwin J. Isenberg, MD**, Grace and Walter Lantz Professor of Pediatric Ophthalmology at the Jules Stein Eye Institute and Chief of Ophthalmology at UCLA/Harbor Medical Center, notes, “Children with strabismus are using one eye at a time; hence, they lack the benefits of binocularity, such as increased visual field to the sides and better depth perception.” Early diagnosis and treatment of strabismus in children is critical, Dr. Isenberg maintains, because the brain will eventually adapt to the misalignment, developing bad habits that can persist after treatment, and potentially leading to vision loss.

While strabismus is widely believed to be a childhood disorder, it is also common in adults as a result of trauma, stroke, thyroid disease, brain tumor and leftover childhood strabismus. “Too often, adults feel there is nothing that can be done, or their doctors feel that way and don’t refer them,” says **Arthur L. Rosenbaum, MD**, Professor of Ophthalmology and Chief of the Pediatric Ophthalmology and Strabismus Division. “In fact,” Dr. Rosenbaum says, “most strabismus-related problems in adults, although often more complex than in children, *can* be corrected—and, as in children, treatment is more likely to be successful earlier rather than later.”

JSEI faculty have a strong commitment to improving the diagnosis and management of strabismus through research, including the development of new clinical approaches. This philosophy has led the Institute to international renown for strabismus care in both children and adults.

Pioneering Clinical Treatments

Dr. Rosenbaum, who is co-editor of the widely used ophthalmology textbook *Clinical Strabismus Management*, has a long-standing program of devising new treatments for types of strabismus in which the eye muscles are paralyzed or restricted, whether for hereditary or acquired reasons. He was involved in the initial studies of adjustable-suture surgery. This procedure, advanced in recent years, enables the fine-tuning of the eye muscles to improve alignment while the patient is awake the day after surgery, reducing the need for re-operation. Long before botulinum toxin (Botox) was approved for the treatment of wrinkles, Dr. Rosenbaum and others pioneered its use in certain cases of adult strabismus, by itself or as an adjunct to surgery. Now, new types of transposition procedures are being developed, in which functioning eye muscles are moved to take the place of those that are



Dr. Arthur Rosenbaum converses with a young patient before her strabismus surgery.



Strabismus affects one to three percent of children and adults.



Dr. Joseph Demer evaluates double vision in the Institute's Ocular Motility Laboratory, using the Hess screen test.

malfunctioning. Dr. Rosenbaum says, "With improved diagnostic techniques, we are now able to tell a lot about the condition of the muscles, which facilitates more precise treatment in cases where there is damage."

Division faculty are also working toward improving treatment outcomes by conducting research into the complications of strabismus surgery. This kind of investigation contributes to technical refinements of procedures. Dr. Isenberg recently concluded a study of the complications that can arise from needle penetrations and perforations that are made during strabismus surgeries. He found that they were more likely to occur during muscle recessions (weakening) than resections (tightening), more common in the horizontal rectus muscles than in other muscles, and more commonly as a result of a particular type of needle. He also recently concluded a study on amblyopia (lazy eye), finding that patching one eye can actually improve the function of both. Dr. Isenberg is editor-in-chief of the *Journal of the American Association for Pediatric Ophthalmology and Strabismus* (JAAPOS), a leading academic journal in the field.

Innovative Research in Ocular Motility

The pioneering work of Joseph L. Demer, MD, PhD, Laraine and David Gerber Professor of Ophthalmology, Director of the Ocular Motility Clinical Laboratory, and Chief of the Comprehensive Ophthalmology Division, is increasing the success of pediatric ophthalmologists in treating some of the most complicated strabismus cases. Dr. Demer and colleagues have developed new methods of magnetic resonance imaging (MRI), utilizing a special facemask they designed for obtaining enhanced images of eye muscles. This has provided ophthalmologists with unprecedented insights into eye movement and is revolutionizing the field of ocular motility.

JULES STEIN EYE INSTITUTE RANKED BEST IN THE WEST

For the fourteenth consecutive year, *U.S. News and World Report* has ranked the UCLA Medical Center and the Jules Stein Eye Institute among the nation's top health care centers in its 2003 survey of "America's Best Hospitals."

The Institute was ranked among the top five ophthalmology centers in the country and number one in the West by board-certified specialists who were surveyed over the past three years. The UCLA Medical Center advanced from fifth to third place in the nation this year, and is also number one in the west. The honor roll recognizes hospitals that demonstrate excellence across many specialties. UCLA medical specialty areas sharing top rankings with ophthalmology in the current survey are listed at right.

Dr. Demer explains, "For the first time we can see the muscles in action and the nerves that connect to the individual muscles, as well as new structures we've discovered around the eye muscles, called connective tissue pulleys. These pulleys control the direction of eye rotation." Using his specially developed imaging techniques, Dr. Demer has concluded that malfunctioning of the pulleys is a common cause of strabismus and new surgical approaches that couldn't have been envisioned before this anatomy was understood, can now be undertaken. In recognition of his work, last year Dr. Demer received the prestigious Friedenwald Award from the Association for Research in Vision and Ophthalmology.

"Many doctors have felt that the actions of the eye muscles are like a mysterious black box that we couldn't possibly understand," Dr. Demer says. "We have made quite an effort in the last dozen years to work out the details of eye muscle function at a very fine level, and to show that precise diagnosis of muscle problems can make a difference to treatment."



Dr. Sherwin Isenberg is shown measuring the ocular misalignment in an adult patient during an examination.

Strabismus

Taking many forms, strabismus (misalignment of the eyes) can result from congenital anomalies, injury, neurological or ophthalmic diseases—such as strokes and tumors—and refraction problems. Treatment approaches range from prescribing eyeglasses or patching one eye to simple and complex forms of surgical correction. In strabismus surgery, the ophthalmologist typically makes a small incision in the tissue covering the eye to access the muscles, then repositions specific muscles. The surgery is done as an outpatient procedure, and patients are usually able to perform most normal activities the next day.

- Geriatrics (#1)
- Urology (#4)
- Ophthalmology (#5) Jules Stein Eye Institute
- Rheumatology (#5)
- Ear, nose and throat (#6)
- Psychiatry (#6)
- Digestive disorders (#7)
- Gynecology (#7)
- Kidney disease (#7)
- Orthopedics (#7)
- Cancer (#8)
- Hormonal disorders (#8)
- Neurology and Neurosurgery (#8)
- Heart and heart surgery (#12)
- Pediatrics (#13)
- Respiratory disorders (#14)
- Rehabilitation (20)



EYE

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FOURTEENTH ANNUAL RESEARCH AND ALUMNI DAY AND SEVENTH ANNUAL POST-ARVO SEMINAR

The combined Annual Research and Alumni Day and Post-ARVO (Association for Research in Vision and Ophthalmology) Conference is geared to the Institute's residency and fellowship training programs, and provides a forum for discussion and collaboration of emerging clinical and basic science research. The meeting on May 31, 2003, was sponsored by the Department of Ophthalmology Association and featured the first *Thomas H. Pettit, MD, Lecture* and the first *Bradley R. Straatsma, MD, Lecture*. Also included were highlights of the 2003 ARVO meeting and presentations of current research findings by volunteer faculty members, residents, and clinical and basic science research fellows.

The first *Thomas H. Pettit, MD Lecture* was given by **J. Bronwyn Bateman, MD**, Professor and Chair of the Department of Ophthalmology and Director of the Rocky Mountain Lions Eye Institute, and a faculty alumnus of the Jules Stein Eye Institute. Dr. Bateman is internationally recognized as a leader in the medical and surgical management of strabismus and pediatric eye diseases. She is also a geneticist and has made significant contributions in the field of ophthalmic genetics, including identification of genes involved in pediatric cataracts.

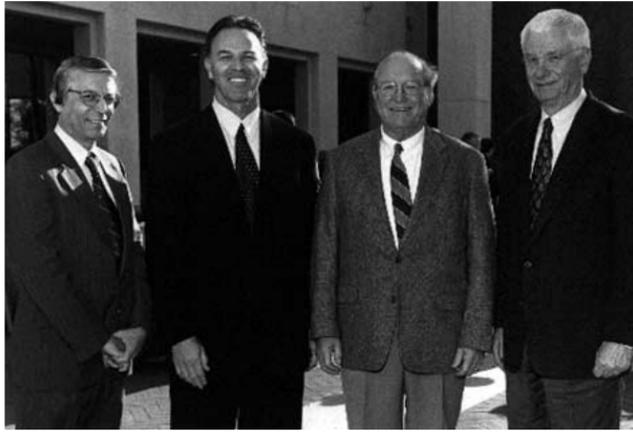
The first *Bradley R. Straatsma, MD, Lecture* was given by **Paul G. FitzGerald, PhD**, Professor of Cell Biology and Human Anatomy and Associate Dean of Graduate Studies in the School of Medicine at the University of California, Davis. Dr. FitzGerald has won numerous awards for excellence in teaching. His research focuses on the cellular and molecular biology of the intermediate filament cytoskeleton, using the lens of the eye as a model. Specifically, he focuses on two proteins which are uniquely expressed in the differentiating lens fiber cells, and which have been shown to be members of the intermediate filament family of proteins.



(From left) Drs. Bartly Mondino; Anthony Arnold; *Bradley R. Straatsma, MD, Lecturer* Paul FitzGerald; Dean Bok; *Thomas H. Pettit, MD, Lecturer* J. Bronwyn Bateman; Gary Holland; and Bradley Straatsma



(From left) Drs. Sarah Ridders, Richard Ou, Volunteer Teaching Award Recipient Richard Hulquist, Kimberly Drenser, Stephen Tsang, and Michelle Britt



(From left) Drs. Bartly Mondino, Anthony Arnold, Irvine Prize Recipient George Primbs, and Allan Kreiger

The lectures honor two of the Institute's most prestigious leaders. Dr. Thomas H. Pettit was the Founding Chief of the Cornea-External Ocular Disease Division and served for many years as Associate Director of the Jules Stein Eye Institute. He is currently Professor Emeritus of Ophthalmology. Dr. Bradley R. Straatsma was Founding Director of the Jules Stein Eye Institute and Founding Chairman of the Department of Ophthalmology. He brought to this combined responsibility a rare vision of what a top academic ophthalmology department should encompass. Currently he is Professor Emeritus and Co-Director of the Ophthalmic Oncology Center.

Among the many honors acknowledged on the occasion was the Irvine Prize, given in honor of S. Rodman Irvine, MD, a distinguished clinician, teacher, investigator and lecturer. The prize was established in 1990 to recognize excellence among UCLA Department of Ophthalmology faculty. **George B. Primbs, MD**, Clinical Professor of Ophthalmology, was awarded the honor this year and added to the list of eminent physicians, clinicians and educators who have received the prize.

Senior Honor Awards were presented to faculty members who have been members of the UCLA Department of Ophthalmology for at least 25 years and have a long record of service to the teaching programs of UCLA and its affiliated hospitals. The recipients of the award for 2003, a Tiffany and Company crystal apple, were volunteer faculty members **Samuel Masket, MD**, Clinical Professor of Ophthalmology; and **Sydney J. Weiss, MD**, Assistant Clinical Professor of Ophthalmology.

JSEI third-year residents presented **C. Richard Hulquist, MD**, Clinical Professor of Ophthalmology, with an award for outstanding volunteer faculty teaching.

RECOGNITION OF EXCELLENCE IN RESEARCH

Independent research is a vital part of the Institute's Ophthalmology residency and fellowship training programs. Excellence during the academic year was recognized through the following research awards, presented at the 2003 graduation ceremonies:

Kevin M. Shiramizu, MD
Resident Research Award—Clinical Sciences
Clinical Characteristics of Untreated Cytomegalovirus Retinitis in Patients with AIDS: II. Findings in the "HAART Era" (1997–2000)

Maria Carolina Ortube, MD
Fellow Research Award—Clinical Sciences
Orbital Imaging Demonstrates Occult Blow-Out Fracture in Complex Strabismus

DR. STEPHEN TSANG RECEIVES NESBURN AWARD



Dr. Stephen Tsang

The UCLA Department of Ophthalmology is pleased to announce that EyeSTAR trainee **Stephen H. Tsang, MD, PhD**, was selected as a 2003 Dr. Henry and Lilian Nesburn Award recipient for his paper "Retinal degeneration and RPE transplantation in rpe65^{-/-} mice," written in the first year of his ophthalmology residency. The manuscript has been published in the prestigious journal *Investigative Ophthalmology and Visual Science*. The award was presented during the annual Los Angeles Society of Ophthalmology officer and member installation and award brunch that took place on June 7, 2003.



Excellence in Research Award winners
Drs. Kevin Shiramizu and Maria Carolina Ortube

2003 ANNUAL POSTGRADUATE SEMINAR

The RPB Auditorium was filled to capacity for the Annual Postgraduate Seminar and Jules Stein Lecture on April 25th and 26th, 2003. Ophthalmologists from across the country and around the world traveled to the Institute for a special program honoring the distinguished careers of four retina specialists whose collective legacy has shaped the field and the Jules Stein Eye Institute:

Norman E. Byer, MD

Clinical Professor of Ophthalmology

Robert Y. Foos, MD

Professor Emeritus of Pathology and Laboratory Medicine

Allan E. Kreiger, MD

Professor of Ophthalmology

Former Chief of the Retina Division

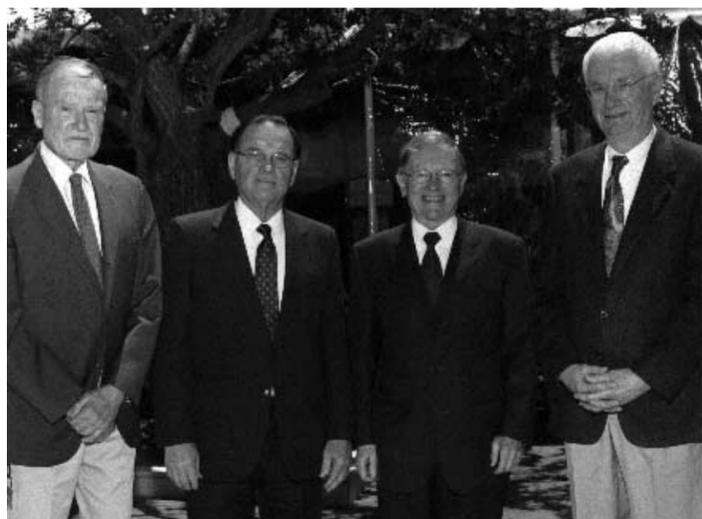
Bradley R. Straatsma, MD, JD

Professor Emeritus of Ophthalmology

Founding Director of the Jules Stein Eye Institute

Founding Chairman of the UCLA Department of Ophthalmology

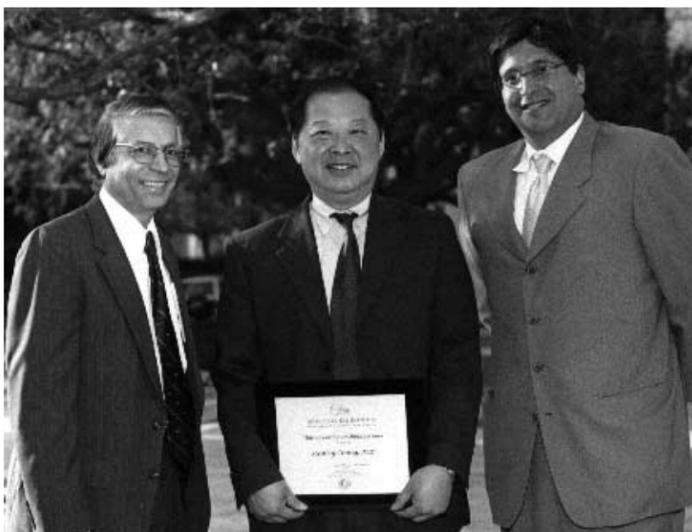
Concluding the program was a gala reception followed by a dinner to celebrate the lifetime accomplishments of these visionary leaders.



Pictured are honorees (from left) Drs. Robert Foos, Norman Byer, Bradley Straatsma, and Allan Kreiger.

Thirty-Fourth Jules Stein Lecturer

Stanley Chang, MD, is the Edward S. Harkness Professor of Ophthalmology and Chairman of the Department of Ophthalmology at Columbia University. He also serves as the director of the Edward S. Harkness Eye Institute. Dr. Chang has developed and pioneered the use of numerous revolutionary surgical approaches to treat complicated forms of retinal detachment, improving outcomes for patients worldwide. He is the recipient of many prestigious honors and awards, and is consistently recognized in "America's Best Doctors" and other prominent listings as one of the nation's foremost vitreoretinal surgeons.



From left are JSEI Director Dr. Bartly Mondino, Jules Stein Lecturer Dr. Stanley Chang, and Retina Division Chief Dr. Steven Schwartz

UPPER, MID AND LOWER FACELIFT COURSE

The Upper, Mid and Lower Facelift course was held at the Jules Stein Eye Institute on April 11th and 12th, 2003, under the auspices of the Orbital and Ophthalmic Plastic Surgery Division. This course, which combines live surgical demonstrations, cadaver dissection, and didactic lectures, draws ophthalmologists from around the world to learn about safe and effective facial rejuvenation techniques, many of which have been pioneered at the Jules Stein Eye Institute.

THE PASSING OF A UCLA TITAN

William P. Longmire, Jr., MD, founding chairman of the UCLA Department of Surgery, died on May 9, 2003, at the age of 89. His innovative cardiac surgeries won him acclaim throughout the world, and his skill as an administrator and teacher helped build the David Geffen School of Medicine at UCLA (formerly the UCLA School of Medicine) to its current prominence. Dr. Longmire was also one of the original Consulting Members of the Jules Stein Eye Institute, providing valuable guidance and support to the Institute during its infancy, and throughout his own highly regarded career. JSEI staff and faculty mourn the loss of this UCLA titan.



Dr. William Longmire, Jr.

DESTINATIONS OF GRADUATING RESIDENTS AND FELLOWS

Jules Stein Eye Institute graduation ceremonies were held on June 11, 2003, in the RPB Auditorium. The graduates and their destinations are as follows:

Residents

Michelle T. Britt, MD
Pediatric Ophthalmology and Strabismus Fellowship
UCLA Jules Stein Eye Institute
Los Angeles, California

Kimberly A. Drenser, MD, PhD
Vitreoretinal Surgery Fellowship
Associated Retinal Consultants
Beaumont Hospital
Royal Oak, Michigan

Richard J. Ou, MD
Private Ophthalmic Practice
Agoura Hills and
Long Beach, California

Sarah M. Rikkers, MD
Cornea-External Ocular Disease Fellowship
Francis I. Proctor Foundation for Research in Ophthalmology
University of California, San Francisco
San Francisco, California

Stephen H. Tsang, MD, PhD
EyeSTAR Fellowship
Jules Stein Eye Institute
Los Angeles, California

Irene Voo, MD
Vitreoretinal Fellowship
Bascom Palmer Eye Institute
Miami, Florida

Alison L. Wong, MD
Private Ophthalmic Practice
Kaiser Permanente
Orange County, California

Fellows

Clinical Fellows

L. Todd Cook, MD
Private Ophthalmic Practice
Provo, Utah

Marc F.G. Estafanous, MD
Private Ophthalmic Practice
Cleveland, Ohio

Bahareh Golbahar, OD
Destination unknown at time of publication.

Annie Hu, OD
Destination unknown at time of publication

Gang (Jerry) Hu, MD
Private Ophthalmic Practice
Fort Worth, Texas

Maan Joudeh, MD
Ophthalmology Clinic Director
Dubai Medical Center
Dubai, United Arab Emirates

Sandy Y. Lee, MD
Private Ophthalmic Practice
Encino, California

Amir Pirouzian, MD
Assistant Clinical Professor of Pediatric Ophthalmology
Childrens Hospital of San Diego
San Diego, California

Cynthia A. Self, MD
Assistant Professor of Ophthalmology
Boston University
School of Medicine
Boston, Massachusetts

Kayur H. Shah, MD
Private Ophthalmic Practice
Mission Hills, California

Clinical Instructor
Olive View-UCLA Medical Center, Department of Ophthalmology
Sylmar, California

Dana P. Tannenbaum, MD
Private Ophthalmic Practice
North Hollywood, California

Thao Thach, MD
Destination unknown at time of publication.

International Fellows

Pattaramon Bunnapradist, MD
Cornea Specialist
Rutnin Eye Hospital
Bangkok, Thailand

Raquel Goldhardt, MD
Chief of Uveitis Department
Santa Casa Hospital
Porto Alegre, Brazil

Marcela C. Lopes Pomberg, MD
Assistant Professor
Instituto de Oftalmologia
São Paulo, Brazil

Manoj Kumar Sharma Acharya, MD
Assistant Professor
Rana-Ambika Shah Eye Hospital
Bhairahawa, Nepal

Chee Chew Yip, MD
Associate Consultant
The Eye Institute,
National Healthcare Group
Tan Tock Seng Hospital
Singapore

DR. JOSEPH DEMER RECEIVES THE PRESTIGIOUS FRIEDENWALD AWARD FOR FAR-REACHING, INNOVATIVE RESEARCH IN EYE ANATOMY

David and Laraine Gerber Professor of Ophthalmology and Professor of Neurology **Joseph L. Demer, MD, PhD**, received the prestigious Friedenwald Award from the Association for Research in Vision and Ophthalmology (ARVO) for his groundbreaking research on the structure and function of the muscular tissues of the eyes. This research involved a detailed investigation of the properties of the extraocular muscle pulleys, which regulate eye movement and alignment.

Dr. Demer began his research in 1990 with funding from the National Eye Institute. Using magnetic resonance imaging (MRI) with special ophthalmic accessories that he developed, he documented the anatomy of living eye muscles during movement. At the same time, he conducted elaborate studies of cadaver eye sockets, using MRI, x-rays, and computer technology. Collaborator **Joel M. Miller, PhD**, Senior Scientist at Smith-Kettlewell Eye Research Institute in San Francisco, developed computer software that created a three-dimensional reconstruction of the tissues, enabling a virtual reality exploration of the eye socket never before possible.

In the course of this research, Dr. Demer and colleagues made several discoveries that have fundamentally altered concepts of eye muscle anatomy. Most importantly, they discovered differences in the functions of the two layers of the extraocular muscles, the global and orbital layers. The global layer rotates the eyeball; the orbital layer moves a pulley that determines the direction of the eye movement. Says Dr. Demer, "The recognition that extraocular muscles have pulleys provided the key to the correct understanding of the way the muscles move the eye."

The MRI techniques developed by Dr. Demer now enable precise diagnosis of extraocular muscle, nerve, and pulley diseases that cause specific forms of strabismus, and are being used in the development of new forms of surgery directed at the pulleys themselves. Dr. Demer and JSEI staff physician **Vadims Poukens, MD**, have found previously unknown muscles within the sclera (white of the eye) and the choroid (layer below the sclera) that may participate in focusing the eye and cause near- and farsightedness. In collaboration with **Elizabeth C. Engle, MD**, Associate Professor of Neurology at Harvard, Dr. Demer is studying the way that mutations in genes controlling nerves and muscles cause inherited forms of strabismus.

Dr. Demer and colleagues have published the results of their research in numerous scientific articles and book chapters, including electronic publication of virtual reality images of their work. Patients with strabismus are referred nationwide to Dr. Demer for treatment and evaluation based on these new discoveries.



Dr. Joseph Demer

NEW FACULTY

The Jules Stein Eye Institute is pleased to introduce two new full-time faculty members. **Christine R. Gonzales, MD**, was appointed Assistant Professor in the Retina Division, effective July 1, 2002. Dr. Gonzales received her medical degree from the University of California, San Francisco, and completed her residency at Bascom Palmer Eye Institute at the University of Miami. After a two-year fellowship in vitreoretinal diseases and surgery at the Jules Stein Eye Institute, Dr. Gonzales accepted a position as a staff physician, continuing her work in patient care and research. Her areas of interest include pediatric retinal diseases, diabetic retinopathy, and age-related macular degeneration. She is currently conducting clinical studies to evaluate new drug treatments for diabetic retinopathy and the exudative or "wet" form of age-related macular degeneration. She is also co-director of the vitreoretinal diseases fellowship program.



Dr. Christine Gonzales

Natik Piri, PhD, was appointed Assistant Professor in the Glaucoma Division, effective March 1, 2003. Dr. Piri received his doctorate in molecular biology from the Institute of Biorganic Chemistry, U.S.S.R. Academy of Sciences in Moscow. He began postdoctoral studies at the Jules Stein Eye Institute in 1991, working in the laboratory of Debora B. Farber, PhD, DPhhc, Karl Kirchgessner Professor of Ophthalmology and Co-Chief of the Vision Science Division. He was honored as a Distinguished Postdoctoral Fellow in Neuroscience by the UCLA Brain Research Institute in 1994. The following year he joined the Institute as an Assistant Research Ophthalmologist. Dr. Piri's research is aimed at understanding the molecular mechanisms leading to retinal ganglion cell death in glaucoma.



Dr. Natik Piri

DR. JULES STEIN INDUCTED INTO THE OPHTHALMOLOGY HALL OF FAME

The American Society of Cataract and Refractive Surgery (ASCRS), with the support of Novartis Ophthalmics company, inducted **Jules Stein, MD**, into The Ophthalmology Hall of Fame in April of this year. Dr. Stein founded the UCLA Jules Stein Eye Institute in the 1960s, and contributed greatly to its rise as a celebrated center for patient care, eye research, and teaching.

Dr. Stein also founded Research to Prevent Blindness, the world's leading voluntary organization supporting eye research, which has donated millions of dollars to this effort. And he led the campaign to establish the National Eye Institute as one of the National Institutes of Health. His pioneering philanthropy was made possible by an outstanding career in show business as the founder of Music Corporation of America (MCA)—now Universal Studios—combined with a background as a board-certified ophthalmologist. Says **Bradley R. Straatsma, MD**, Founding Director of the Jules Stein Institute and Professor Emeritus of Ophthalmology at UCLA, "He was brilliant and creative. Instead of mourning the loss of sight, he celebrated the victory of vision."

The Ophthalmology Hall of Fame was created by ASCRS in 1999 to honor pioneers who have shaped the way modern ophthalmology is practiced. Physicians selected for this honor are chosen by their peers.

**GERALD OPPENHEIMER FAMILY FOUNDATION
CENTER FOR THE PREVENTION OF EYE
DISEASE**

Established with a generous pledge from JSEI Trustee and long-time supporter **Gerald H. Oppenheimer**, the Gerald Oppenheimer Family Foundation Center for the Prevention of Eye Disease will investigate ways to treat eye problems before they happen. Among the topics that center researchers will study are genetic and environmental factors that may cause eye disease and pharmacologic and natural agents that will help patients avoid eye disease.

“I believe in trying to prevent rather than cure. There’s been a lot of research in treating eye disease but relatively little in preventing it,” Mr. Oppenheimer explains. “A lot of older people suffer from poor vision. Why does it happen? We need to find out. And maybe there are things we can do to address problems early—when people are 30 to 40 years old.”

For Gerald Oppenheimer, the center represents a continuation of an important family legacy in the vision sciences—his stepfather was Dr. Jules Stein. The Jules Stein Eye Institute has been the centerpiece of his family’s philanthropic interests since it was established in the 1960s. Gerald Oppenheimer accepted a consultative appointment with the JSEI Board of Trustees in 1984 and became a trustee in 1992.

As President of the Oppenheimer Family Foundation, he has assumed a leadership role in shaping and supporting the future of medical research both at UCLA and JSEI. In 1990, he established the Stein/Oppenheimer Awards, which have provided over 115 UCLA biomedical researchers with crucial funding for their projects. The new Oppenheimer center will complement an expanding array of research facilities in many other fields at the university that are applying rigorous scientific methods to study novel, unconventional approaches to health care.

“We are really excited by the potential of the Oppenheimer Center,” says JSEI Director **Bartly J. Mondino, MD**. “It will permit educational and research activities that were not possible previously.”



Gerald and Gail Oppenheimer

THE PASSING OF LEGENDARY BOB HOPE

On July 27, 2003, centenarian **Bob Hope** passed away, leaving the legacy of a long and venerable career as entertainer, movie star, comedian and goodwill ambassador. He employed all of these personas in his most lasting role, entertaining the United States troops in World War II and every subsequent conflict. For his commitment, he became the most honored American entertainer of all time. Bob Hope’s compassion extended into many other venues. High among his philanthropic endeavors, he supported blindness prevention and eye research initiatives throughout the United States. He was a close friend of Dr. Jules Stein and participated in JSEI events on a number of occasions. Noteworthy among these was his appearance at the Groundbreaking Ceremony of the Jules Stein Eye Institute in 1964.

BETTER CARE FOR AMERICA’S HEROES



Ava Gardner and friends celebrate the New Year at the Hollywood Canteen.

Potentially blinding diseases of the eye are not uncommon to members of the nation’s veteran population, many of whom are elderly and often disabled, in ill health, and economically disadvantaged. But now, thanks to the efforts of the Hollywood Canteen Foundation (a philanthropic organization originally spearheaded by Jules and Doris Stein, Bette Davis, and John Garfield), the Jules Stein Eye Institute is working toward providing enhanced services to veterans in the Veterans Administration Greater Los Angeles Healthcare System (GLAHS).

With thousands of patients seeking examinations and treatment at its multiple clinics each year, one of the most basic challenges facing the GLAHS is keeping up with the intense demand. “We estimate that 5,000 individuals with a diagnosis of diabetes are cared for at the West Los Angeles facility alone,” says **Lynn K. Gordon, MD, PhD**, Assistant Professor of Ophthalmology and Chief of the Ophthalmology Section at GLAHS, “In terms of glaucoma, it is an under-diagnosed condition that leads to progressive loss of vision if left untreated. It is recommended that all individuals undergo regular screenings for glaucoma. We needed an improved infrastructure to ensure that every veteran receives well-coordinated ophthalmic care.” Seeking to address this need, the Hollywood Canteen Foundation has made an initial gift in support of a part-time administrative person who will help schedule physicians, track patients, and coordinate referrals. A limited amount of supplies will also be funded.

Bartly J. Mondino, MD, Chairman of the UCLA Department of Ophthalmology, which is responsible for the veterans’ ophthalmic care, helped to bring together the resources that will enhance the JSEI—GLAHS collaboration. He says, “This is a wonderful opportunity to work more closely with the V.A. Many patients will benefit.”



Groundbreaking festivities of the Jules Stein Eye Institute on September 22, 1964, were celebrated by Dr. Jules Stein, Bob Hope and other celebrities. Shown (diagonally from the left), Bette Davis, Dr. Jules Stein, Cesar Romero, Gene Kelly, Bob Hope and architect Rodney Hemsworth.

If you would like to make a contribution to the Institute, you may do so by means of the remittance envelope included in this issue of EYE. For additional information, please call or write to the following:

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Los Angeles, California
90095-7000
(310) 206-6035

IMPRESSIVE 2003 RESULTS POSTED FOR JSEI AFFILIATES COMMUNITY OUTREACH PROGRAMS

The JSEI Affiliates, a network of volunteers, conducts diverse and far-reaching programs to promote vision education and patient care in schools and the community. We are proud to share the following updates from our most successful programs.

Preschool Vision Screening

Volunteers, under the supervision of an orthoptist, visit local preschools to screen three-to-five-year-old children. The team uses a variety of tests designed specifically for preschoolers to screen for simple refractive errors and eye muscle problems.

- ▲ 971 children were screened over the last year
- ▲ 31 children were screened per session (on average)
- ▲ 68 or 7 percent of children (screened) were referred to an ophthalmologist for an eye exam

VISION In-School

Volunteers visit fourth-to-sixth-grade classrooms to present a fun, interactive program that covers eye anatomy, eye problems, and to emphasize eye safety/injury prevention in hopes of inspiring children to protect their precious gift of sight. In the U.S.A. eye injuries are the leading cause of blindness in children.

- ▲ 24 presentations were given during the past season
- ▲ 588 children participated in the program
- ▲ 10 volunteers conducted the program

Camp Planet Hope

This program provides a five-day summer camp experience for children from various shelters. On the camp's Health Fair Day, a team of Affiliates volunteers arrives to screen the children for potential vision problems or eye diseases.

- ▲ 102 children were screened during the summer camp program
- ▲ 5 children were referred to on-site ophthalmologists for eye exams
- ▲ 11 volunteers (including two ophthalmologists) conducted the program

SPECIAL THANKS TO Make Surgery Bearable SUPPORTERS

Special thanks to everyone who contributed to make the JSEI Affiliates Mother's Day campaign the most successful ever, raising enough money to sponsor over 150 new Dr Teddy MD teddy bears for future pediatric patients, and publicizing the *Make Surgery Bearable* program across the campus.

The Mother's Day campaign provided the opportunity for a donor to sponsor a Dr Teddy MD in honor of a mother, grandmother or other special woman. A child undergoing eye surgery then received a Dr Teddy MD with a tag bearing the name of the loved one, and a Mother's Day card was sent out to "Mom," acknowledging the gift. This type of giving provides pleasure and smiles to three people—the donor, the honoree, and the child who receives the teddy bear.

The campaign was featured on the UCLA homepage website for a week, debuting on April 28, 2003. It communicated the enormous benefit of the *Make Surgery Bearable* program—helping children get through a difficult time. It also demonstrated how Affiliates volunteers make a difference in the Los Angeles community through

this kind of targeted programming. We hope the publicity generated by the campaign brings important eye-related programs and services to other UCLA community members and their families.

In case you missed the opportunity to see this article on the UCLA homepage, you can view it in the website's archives. It can be accessed by going to www.ucla.edu, clicking on the photo featured for the week, and then clicking on the archive link at the end of the article. It is archived under "2002–2003 By Month," under the April listing.

If you are interested in sponsoring a Dr Teddy MD for a future event—birthday, anniversary or holiday gift—contact the JSEI Affiliates at (310) 825-4148 or visit our website at www.jseiassociates.com. Donations to the *Make Surgery Bearable* program are accepted year-round.



Pediatric ophthalmologist Dr. Sherwin Isenberg is shown with a young surgery patient. Dr Teddy MD helps children who have eye surgery at the Institute get through a difficult time.



EYE LINES

UCLA Department of Ophthalmology Association

FOURTH JSEI INVITATIONAL GOLF TOURNAMENT A SUCCESS

Institute friends and UCLA Department of Ophthalmology Association Members came together in June for the Fourth JSEI Invitational Golf Tournament. With an exciting new format, the tournament proved to be a challenge to both new and seasoned golfers, while providing alumni an opportunity to play at some of Southern California's most prestigious courses. A special thanks goes to the sponsors and players who supported this fun and worthwhile event!



JSEI Alumnus Dr. Patrick Morhun tees off at Riviera Country Club in Pacific Palisades.

Save the Date

The UCLA Department of Ophthalmology Association will host the Institute's Annual Reception at the 2003 American Academy of Ophthalmology Meeting

Honoring Gary N. Holland, MD
LX Edward Jackson Memorial Lecturer

Anaheim, California
Monday, November 17, 2003
6:00 to 9:00 p.m.

Disney Grand Californian Hotel

Be sure to mark the date on your calendar!

Special Events & Activities

THE PEDIATRIC OPHTHALMOLOGY AND STRABISMUS DIVISION HOSTS A FOCUS GROUP DINNER

Faculty from the Pediatric Ophthalmology and Strabismus Division shared information on new scientific investigations with interested friends when the division sponsored a focus group dinner on June 25, 2003. The event was hosted by Institute Director **Bartly J. Mondino, MD**; Pediatric Ophthalmology and Strabismus Division Chief **Arthur L. Rosenbaum, MD**; division faculty members **Joseph L. Demer, MD, PhD**, and **Sherwin J. Isenberg, MD**; and Professor Emeritus **Leonard Apt, MD**.

The occasion provided the opportunity to discuss innovative new strategies for assessment and treatment of childhood eye disorders and diseases, as well as the diagnosis and management of adult strabismus problems. Faculty members emphasized the importance of early detection and treatment of these conditions, which is crucial to preserving vision. Left untreated, many problems can worsen, leading to poor vision and in some cases, blindness.

The JSEI Focus Group dinners provide an opportunity for patients and Institute supporters to meet with physicians and vision scientists working on new research and emerging treatments.



Pediatric Ophthalmology and Strabismus Division Chief **Dr. Arthur Rosenbaum** and his wife **Sandra** (left) welcome Institute supporters **Jackie and Howard Banchik**.



The focus group dinner provided an opportunity for **Dr. Joseph Demer** (right) to catch up with patient **Stephen Graham**.



Joining **Dr. Bartly Mondino** (far left) are Pediatric Ophthalmology and Strabismus Division faculty members (left to right) **Drs. Arthur Rosenbaum, Leonard Apt, Joseph Demer, and Sherwin Isenberg**.



Gail and Gerald Oppenheimer enjoy the evening. **Mr. Oppenheimer** is a JSEI Trustee and son of the late **Doris Stein**.



Sandra Rosenbaum (center) enjoys conversation during the reception with Institute friends **Anwar Soliman** (left), **Shelley Rapoport** (second from left), **Mary Ellen Soliman** (second from right), and **Alan Rapoport** (right).

IMPORTANT JSEI PHONE NUMBERS

PATIENT CARE

JSEI Ophthalmology Referral Service	(310) 825-5000
JSEI Ophthalmology Emergency Service	(310) 825-3090
after hours	(310) 825-2111
JSEI Specialty Areas:	
Aesthetic Eye and Facial Surgery	(310) 794-9341
Contact Lens Service	(310) 206-6351
Cornea-External Ocular Disease and Uveitis	(310) 206-7202
Glaucoma	(310) 794-9442
Neuro-Ophthalmology	(310) 825-4344
Pediatric Ophthalmology and Strabismus	(310) 825-5000
Refractive Surgery (LASIK, LTK)	(310) 825-2737
Retina	(310) 825-5000

FUND RAISING AND SPECIAL EVENTS

JSEI Development Office	(310) 206-6035
JSEI Affiliates	(310) 825-4148

EYE

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