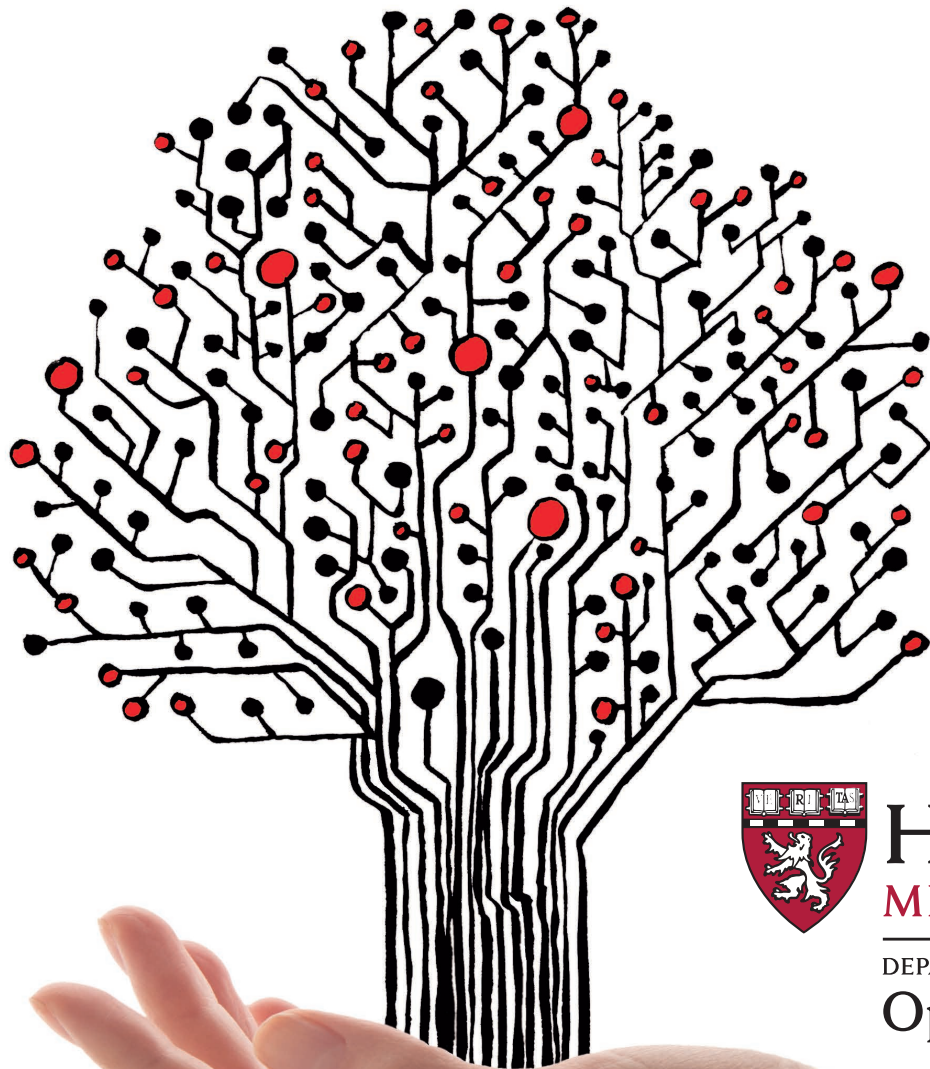


EYE WITNESS

NEWS FROM HARVARD OPHTHALMOLOGY | Issue 36 • June 2018



HARVARD
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AFFILIATES: Massachusetts Eye and Ear | Schepens Eye Research Institute of Mass. Eye and Ear | Massachusetts General Hospital
Joslin Diabetes Center/Beetham Eye Institute | Beth Israel Deaconess Medical Center | Boston Children's Hospital | Brigham and Women's Hospital
VA Boston Healthcare System | VA Maine Healthcare System | Cambridge Health Alliance
PARTNERS: Aravind Eye Hospital (India) | L V Prasad Eye Institute (India) | Shanghai Eye and ENT Hospital, Fudan University (China)



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Applications of artificial intelligence and deep learning in ophthalmology

Exciting advances in artificial intelligence (AI) have the potential to transform patient care as we know it, and ophthalmology is leading the way. Because many eye diseases can be readily and precisely imaged, there has been an explosion in the research and development of artificial intelligence for assessment of retinal and optic nerve diseases using ophthalmic imaging. Deep learning algorithms can be developed to aid and automate screening for common diseases like diabetic retinopathy, as part of an overall program to improve access to needed health care services. Deep learning strategies can also lead to discovery of previously unrecognized imaging biomarkers that can predict progression and treatment response.

Researchers at Google and their collaborators have used the first approach to develop deep learning algorithms to detect diabetic retinopathy from color fundus photographs. They continue work to improve the technique and to explain the characteristics used by the neural networks. Successful screening approaches ultimately need a healthcare delivery method that can reach all of the population and treat those in need, and this work toward clinical adoption is ongoing. In April, the FDA approved the IDX-DR, developed by Dr. Abramoff and colleagues at the University of Iowa, and the first AI device approved by the U.S. FDA to screen for diabetic retinopathy. Clinical researchers are also using deep learning approaches to develop novel imaging biomarkers from fundus photographs and OCT scans that may better predict disease progression and treatment response.

Several Harvard Ophthalmology faculty members are involved in exploring the use of AI in ophthalmology. Recently, Lucia Sobrin and I led a Discovery Café on this topic as part of the 2018 World Medical Innovation Forum. Guest speaker, Lily Peng, MD, PhD, Product Manager for Google Research, discussed deep learning for disease detection, and Lloyd Paul Aiello, John Miller, and Louis Pasquale participated as faculty panelists—fielding questions related to the future of AI in ophthalmic care. During the 2018 Association for Research in Vision and Ophthalmology Annual Meeting in Hawaii, John Miller, Jennifer Sun, and Paolo Silva, weighed in on AI's applications in ophthalmic care. Their videos are available on EyeTube (Miller) and YouTube (Sun and Silva).

There is a lot of excitement about the potential of AI to improve screening for eye disease and to improve our treatment approaches. There are also questions and concerns about the use of personal data and how deidentified images can be made. Over the next decade, AI is likely to become an important tool in the ophthalmologist's toolbox.



Joan W. Miller, MD
Chief and Chair

EYE WITNESS

Issue #36 | June 2018

Eye Witness is published three times per year by the Harvard Department of Ophthalmology and is intended for faculty, trainees, staff, alumni, affiliates, partners, and friends. Harvard Ophthalmology strives to provide:

- Best practices in clinical care and attention to the patient experience
- Transformational research that eliminates blinding diseases of the eye, orbit, and brain
- World-class training of future leaders

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Three faculty receive Excellence in Mentoring Awards

Out of more than 12,000 Harvard Medical School (HMS) faculty members, three Harvard Ophthalmology faculty members—**Dean Cestari, MD**; **Lotfi Merabet, OD, PhD, MPH**; and **Eric Yin-Shan Ng, PhD**—were selected for HMS Excellence in Mentoring Awards. Five additional Harvard Ophthalmology faculty members were nominated—**Frank Berson, MD**; **Sunil Chauhan, PhD**; **James Chodosh, MD, MPH**; **Shizuo Mukai, MD**; and **Yoshihiro Yonekawa, MD**—an honor in itself.

“When mentors help individuals grow professionally, they ultimately strengthen our entire department, as skills are passed down from generation to generation” said **David Hunter, MD, PhD**, who established the Harvard Ophthalmology Mentoring Program along with **Joan W. Miller, MD**, Chair of Harvard Ophthalmology, and **Patricia A. D’Amore, PhD, MBA**, Vice Chair of Basic and Translational Research.

Dr. Ng’s current mentor, Dr. D’Amore, taught him two valuable lessons: “Trust your mentees—they will always do the best that they can. And always advocate for them.” As the recipient of two HMS Excellence in Mentoring Awards—A. Clifford Barger in 2006 and Silen William Lifetime Achievement in 2016—Dr. D’Amore illustrates how effective mentorship creates a ripple effect.

Dr. Ng admits that he used to be a micromanager earlier in his career. But after formally supervising 22 trainees, Dr. Ng has found that “mentoring works best when postdocs own their projects and come to me when they want to be challenged by a different point of view.”

For Dr. Merabet, maintaining a small and close-knit team helps to provide fair and balanced mentoring support. “I want to help mentees feel empowered about their career development—that is, they should not feel that they are working for someone, but rather that they are working for themselves.”

Dr. Cestari, Director of Ophthalmology Clinical Fellowship Training at Mass. Eye and Ear, was also recently nominated for the John T. Potts, Jr. MD, Faculty Mentoring Award at Massachusetts General Hospital, which highlights his commitment to fostering and cultivating mentorship. **Joseph F. Rizzo III, MD**, mentored both Drs. Merabet and Cestari.

Advice from award-winning mentors



John Earle Photography

Invest the time to be a good mentor. Like any relationship, it takes time to build trust.

—Lotfi Merabet, OD, PhD, MPH

Associate Professor of Ophthalmology
2018 A. Clifford Barger Excellence in Mentoring Award

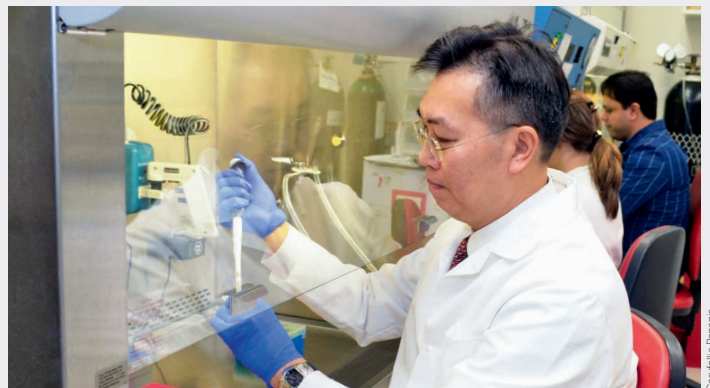


John Earle Photography

Be generous with your time. Inspire trust and respect differences.

—Dean Cestari, MD

Assistant Professor of Ophthalmology
2018 A. Clifford Barger Excellence in Mentoring Award



Garyfalla Pagonis

Take care of your mentees. Be their advocate.

—Eric Yin-Shan Ng, PhD

Assistant Professor of Ophthalmology
2018 Young Mentor Award

Review websites offer invaluable insight into patient experience

Patient reviews play a larger role in the path to treatment than ever before. More than 70 percent of patients consult reviews on websites like Facebook, Google, Vitals, WebMD, HealthGrades, and RateMDs when choosing a new doctor. That means a physician's online reputation has the potential to attract new patients or drive them away.

By developing a solid reputation management strategy that includes techniques to measure success, physicians can leverage review sites to market themselves and grow their practices. But first, it is important to understanding how, when, and where patients use online reviews. Below are key takeaways from a 2016 survey of nearly 2,500 patients in the United States.*

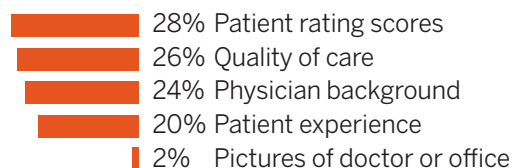
★ Most patients use online reviews
82% of patients view or post ratings about physicians. This is a fast-growing trend—in 2013, only 25% of patients reported using reviews.

★ Your online reputation is the first impression for most patients
72% of patients use online reviews to pick a new doctor.

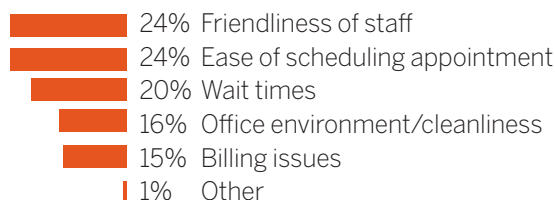
★ Favorable reviews influence patient decisions
48% of patients would go out of their insurance network for a doctor with positive reviews.

★ What is important to patients?
 Unsurprisingly, quality of care—especially physicians' ability to accurately diagnose, listen, and explain medical terminology—is important to patients. But so is customer service. Here's what they value most:

Delivery of Care



Administrative Services



Measuring Mass. Eye and Ear's online reputation

With dozens of review websites and ranking systems, it can be difficult to accurately evaluate a physician's online reputation. That is why many large practices and hospitals, including Mass. Eye and Ear, use reputation management software to monitor online reviews in a single database. This technology not only aggregates data from multiple platforms, but it also ensures consistency and accuracy across profiles, enables physicians or their staff to respond to comments in real time, and provides rich insight into the patient experience.



How to Boost Your Online Reputation

1: Optimize the entire patient experience

- Train staff to deliver outstanding service and clinical care

2: Take ownership

- Claim your online profiles and ensure accuracy
- Monitor your profile regularly to identify potential gaps in care and service
- Enlist assistance of reputation management software

3: Respond to all reviews—positive and negative

- Let satisfied patients know you appreciate them and their loyalty
- Show dissatisfied patients that you take their feedback seriously. Addressing a patient's concern and showing compassion can often turn a negative experience into a positive one.

4: Encourage patients to share their experiences

- Distribute cards that include links to review websites
- Email patients after their appointments and ask them to post online reviews
- Develop patient satisfaction surveys to address concerns before they appear online

The Abelson Family Fellowship in Cornea at Massachusetts Eye and Ear



(left to right) Drs. Abelson and Dohlman at the 2016 Harvard Ophthalmology Alumni Meeting, where Dr. Abelson presented, “One Eye for Science.”

As a cornea and external disease research fellow at Massachusetts Eye and Ear and Schepens Eye Research Institute from 1974 to 1976, **Mark Abelson, MD**, developed a passionate interest in ocular surface inflammation and allergy response. At that time, little research was being done in this area and funding from sponsoring industry and government agencies was scarce. When he asked his mentor, **Claes Dohlman, MD, PhD**, for advice, Dr. Dohlman agreed that the only way for a researcher to understand the role of inflammatory mediators and byproducts in the human eye was to use the drugs himself. But he also suggested offering only one eye for science. Dr. Abelson did just that, as he explained in his “One Eye for Science” talk at the 2016 Harvard Ophthalmology Alumni Reunion, and has since tested most inflammatory mediators and byproducts in his right eye.

With Dr. Dohlman’s encouragement, Dr. Abelson set out to build a clinical practice and a clinical research organization to develop therapies for allergy and ocular surface disease. In 1978, he founded Andover Eye Associates, one of the first private, multi-specialty eye care practices in the country. Later he founded Ora, Inc., a clinical research group that screens and develops new therapeutic agents. Ora has grown into a global ophthalmology drug and device development firm, offering a wide range of services and disease models that help innovators bring products from concept to market. Over the years, Ora has successfully partnered with clinician scientists, entrepreneurs, and industry to bring 46 new ophthalmic products to market to treat retina disease, glaucoma, dry eye, ocular allergy, and inflammation.

Throughout his career, Dr. Abelson maintained his connection to and support of Mass. Eye and Ear and Schepens Eye

Research Institute of Mass. Eye and Ear. His prominent career was mirrored in his rise in the ranks at Harvard Medical School (HMS), where he was promoted to Professor of Ophthalmology, Part-Time in 2011. He lectured at department meetings and taught Harvard medical students until his departure in 2015. He also edited a section on pharmacology and contributed chapters for all three editions of Albert & Jakobiec’s *Principles and Practice of Ophthalmology*. For more than 25 years he has served as a Trustee, initially for Schepens Eye Research Institute and now, Mass. Eye and Ear.

“The Abelson Family Fellowship in Cornea will help generations of fellows to acquire the knowledge and skills necessary to launch independent careers and make vital contributions to the field of cornea. We are so grateful to Dr. Abelson and his family, and honored to carry on this important and lasting legacy.”

*—Joan W. Miller, MD
Chief and Chair*

The Abelson family—including Dr. Abelson, wife Annalee, and two sons Stuart (who now heads Ora and is a Trustee of Mass. Eye and Ear) and Richard (who is CEO of SDC Biostatistics)—wanted to give back to Mass. Eye and Ear. In 2011, they established a fellowship fund with a lead gift to Mass. Eye and Ear. They donated \$600,000 to create the Abelson Family Fellowship in Cornea at Mass. Eye and Ear. **Reena Gupta, MD**, was the first named fellow in 2017. The 2018-19 fellow will be announced in mid-to-late June.

What's next for the class of 2018?

Special thanks to the faculty for their tremendous teaching, mentoring, and support of the residents and fellows.

Nearly 30 percent of 2018-19 Heed Fellows are affiliated with Harvard Ophthalmology/ Mass. Eye and Ear

The Heed Ophthalmic Foundation promotes advancement of education and research by providing postgraduate fellowship support to outstanding ophthalmologists who will pursue academic careers in ophthalmic patient care, education, and research.

Congratulations to our current, future, and former trainees who were named 2018-19 Heed Fellows, one of the most prestigious honors for Ophthalmology trainees. Heed Fellows include Harvard Ophthalmology residents (class of 2018) **Jonathan Chou, MD; Michael Lin, MD; and Cindy Ung, MD**; Chief Residents, **Tomasz Stryjewski, MD** (AY 17-18) and **Seanna Grob, MD, MAS** (AY 16-17); and incoming Mass. Eye and Ear fellows, **Thomas Dohlman, MD**, and **Shawn Lin, MD, MS, MBA**.

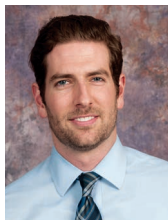
HARVARD OPHTHALMOLOGY RESIDENTS



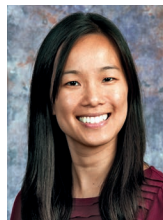
Jonathan Chou, MD
Glaucoma Fellow, Stanford University, Stanford, California



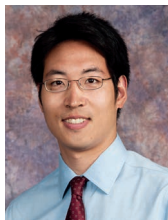
Benjamin Jastrzembki, MD
Pediatric Ophthalmology and Strabismus Fellow, University of Toronto, Canada



Isaiah Giese, MD
Ophthalmic Plastic and Reconstructive Surgery ASOPRS Fellow, California Pacific Medical Center/ University of California, San Francisco



Cindy Ung, MD
Vitreoretinal Fellow, Mass. Eye and Ear



Michael Lin, MD
Glaucoma Fellow, Wills Eye Institute, Philadelphia, Pennsylvania



Jay Wang, MD
Vitreoretinal Fellow, Mass. Eye and Ear



Natalie Homer, MD
Ophthalmic Plastic and Reconstructive Surgery ASOPRS Fellow, Texas Oculoplastic Consultants, Austin, Texas



Elizabeth Rossin, MD, PhD
Chief Resident and Director of the Eye Trauma Service for academic year 2018-19, and Instructor in Ophthalmology, Mass. Eye and Ear/HMS

CHIEF DIRECTOR OF THE EYE TRAUMA SERVICE AT MASS. EYE AND EAR/HMS (AY 2017-18)



Tomasz Stryjewski, MD, MPP
Vitreoretinal Fellow, Mass. Eye and Ear

MASS. EYE AND EAR OPTOMETRY RESIDENTS



Jordan Davidner, OD
Elliott Eye Doctors, multiple locations south of Boston, Massachusetts



Bonnie Wessler, OD
Shah Eye Center, Rio Grande Valley, Texas

CLINICAL FELLOWS

Anterior Segment
@ Mass. Eye and Ear



Tavé van Zyl, MD

Glaucoma Service, Mass. Eye and Ear; K12 Scholar in the Harvard-Vision Clinical Scientist Development Program; Instructor in Ophthalmology, Harvard Medical School

Cornea, External Disease, & Refractive Surgery
@ Mass. Eye and Ear



Reena Gupta, MD

Plans unspecified



Rohini Rao, MD

Assistant Professor of Ophthalmology, Boston Medical Center



Grace Shih, MD

Southside Eyecare, Anchorage, Alaska

Glaucoma
@ Mass. Eye and Ear



Billy Pan, MD

Terry & Kim Eye Institute, Fullerton, California; Assistant Professor of Ophthalmology, University of Southern California, Los Angeles, California



Paul Petrakos, DO

Glaucoma Service; Assistant Professor of Ophthalmology, Weill Cornell, New York

Ocular Immunology and Uveitis
@ Mass. Eye and Ear



Arjun Sood, MD

Vitreoretinal Surgery Fellow, Cleveland Clinic, Cole Eye Institute, Cleveland, Ohio

Ocular Pathology
@ Mass. Eye and Ear



Natalie Wolkow, MD, PhD

Ophthalmic Plastic and Reconstructive Surgery ASOPRS Fellow, Mass. Eye and Ear

Neuro-Ophthalmology
@ Mass. Eye and Ear



Elizabeth Fortin, MD

Neuro-Ophthalmology and Comprehensive Ophthalmology Services, Mass. Eye and Ear; Instructor in Ophthalmology, Harvard Medical School



Eric Gaier, MD, PhD

Pediatric Ophthalmology and Strabismus Fellow, Mass. Eye and Ear & Boston Children's Hospital



Ali Saber Tehrani, MD

Vascular Neurology Fellow, Johns Hopkins University, Baltimore, Maryland

Medical Retina
@ Mass. Eye and Ear



Vikram Makhijani, DO

Kaiser Permanente, West Los Angeles, California

Medical Retina
@ Joslin Diabetes Center



Yousef Aldairy, MD

Medical Retina Fellow, Duke University, Durham, North Carolina



Alex Pisig, MD

Private Practice and Part-time Academics, Philippines

Ophthalmic Plastic and Reconstructive Surgery
@ Mass. Eye and Ear



Victoria Starks, MD

Ophthalmic Consultants of Boston

Pediatric Ophthalmology & Strabismus
@ Boston Children's Hospital & Mass. Eye and Ear



Mary-Magdalene Ugo Dodd, MD

Alberta Children's Hospital Calgary, Alberta Canada



Jefferson Doyle, MBBChir, PhD, MHS

Assistant Chief of Service, Ophthalmology Residency Program, Johns Hopkins Wilmer Eye Institute, Baltimore, Maryland



Julius Oatts, MD, MHS

Assistant Professor of Ophthalmology, University of California, San Francisco

Vitreoretinal Surgery
@ Mass. Eye and Ear



Esther Kim, MD

Orange County Retina, Orange County, California



Patrick Oellers, MD

Associate, Retina Vitreous Surgeons of Central New York; Assistant Professor of Ophthalmology, State University of New York, Syracuse, New York



Miin "Irene" Roh, MD

Instructor in Ophthalmology, Beetham Eye Institute at Joslin Diabetes Center/HMS

Joan W. Miller, MD, honored with prestigious awards for retina research



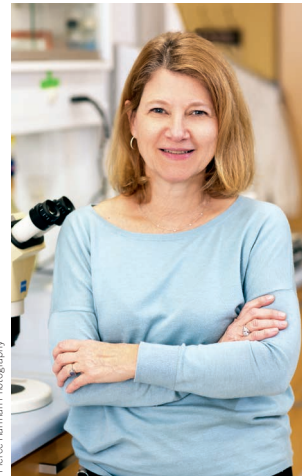
John Earle Photography

Joan W. Miller, MD, the David Glendenning Cogan Professor and Chair of Ophthalmology at Harvard Medical School and the Chief of Ophthalmology at Massachusetts Eye and Ear and Massachusetts General Hospital, will receive two prestigious awards recognizing her significant contributions to the field of retina and ophthalmology.

She is the first woman to receive the 2018 Charles L. Schepens, MD/American Academy of Ophthalmology (AAO) Award, which recognizes vision scientists who have contributed new knowledge of the visual process of vitreoretinal diseases and/or have made special contributions to prevent and decrease blindness. The nominee is selected by a committee with representation from the key professional societies in retina and is co-sponsored by the Retina Research Foundation (RRF) and the Schepens International Society (SIS) in honor of Dr. Charles Schepens, the founder of modern retinal surgery and training. Dr. Miller will receive the award and deliver the Charles L. Schepens Lecture at the American Academy of Ophthalmology Annual Meeting's Retina Subspecialty Day on October 26, 2018.

Independently, Dr. Miller was also selected by the American Society of Retina Specialists (ASRS) as the recipient of the Retina Research Foundation 2018 Gertrude D. Pyron Award—awarded to outstanding vision scientists whose work contributes significantly to knowledge of the retina. The award is named in honor of Gertrude D. Pyron, an eminent geologist who admired the leadership in vision science of RRF President and Scientific Director, Dr. Alice McPherson. Dr. Miller will receive the award and present the 23rd Annual Gertrude D. Pyron Award Lecture at the American Society of Retina Specialists annual meeting on July 22, 2018.

Patricia D'Amore elected as Fellow of the American Academy of Arts and Sciences

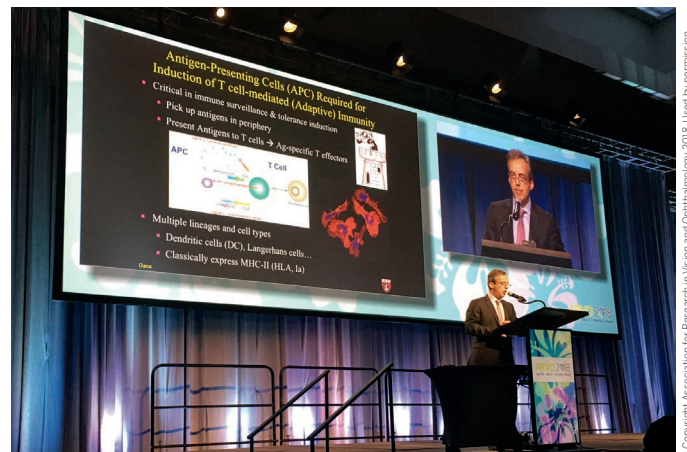


Pearce Harman Photography

Founded in 1780, the Academy honors exceptional scholars, leaders, artists and innovators and engages them in sharing knowledge and addressing challenges facing the world. The new class, which includes **Patricia D'Amore, PhD, MBA**, will be inducted at a ceremony in October 2018 in Cambridge, MA. Notable Academy members include Benjamin Franklin (elected 1781), Charles Darwin (1874), Margaret Mead (1948), and Martin Luther King, Jr. (1966).

Mass. Eye and Ear Joins Partners HealthCare

Mass. Eye and Ear became a member of the Partners HealthCare System on April 1, following a rigorous regulatory review that ended in mid-February. Partners was founded in 1994 by Brigham and Women's Hospital and Massachusetts General Hospital—two of Harvard Ophthalmology's affiliates. Mass. Eye and Ear will keep its name and hospital license, and remain a nonprofit charitable healthcare organization, with its own board of directors, executive leadership team, medical and research staff, and community outreach and fundraising activities.



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A global leader in corneal and transplantation immunology, **Reza Dana, MD, MSc, MPH**, Mass. Eye and Ear, presented the 2018 Friedenwald Award Lecture at the Association for Research in Vision and Ophthalmology annual meeting. He has dramatically advanced our understanding of immunoregulation in the eye, and his groundbreaking work is accelerating the development of novel therapeutics for patients with autoimmune disorders, dry eye disease, and corneal transplants.

Faculty awards and honors

American Society of Gene and Cell Therapy

Luk Vandenberghe, PhD, Mass. Eye and Ear, received the Outstanding New Investigator Award for developing and improving vector delivery systems.

Harvard Medical School

Eli Peli, MSc, OD, Schepens Eye Research Institute of Mass. Eye and Ear, received the Harold Amos Faculty Diversity Award for creating a diverse and inclusive community in his laboratory by recruiting trainees and colleagues with visual impairments.

New England Ophthalmological Society (NEOS)

Deborah Pavan Langston, MD, HMS Professor of Ophthalmology, Emerita, was selected for the Distinguished Achievement Award for her distinguished achievements that have advanced the profession and her long history of service to NEOS.

The Ophthalmologist

According to the "2018 Power List," 10 of the top 100 influential people in Ophthalmology worldwide have ties to Harvard Ophthalmology, including current faculty member **Dean Elliott, MD**, as well as several alumni:

Damien Gatinel, MD (class of '06); **Bala Ambati, MD** (class of '99); **Eduardo Alfonso, MD** (class of '86); **Neil Bressler, MD** (class of '86); **Peter Kaiser, MD** (class of '96); **Sonia Yoo, MD** (class of '97, '98); **Roberto Zaldivar, MD** (class of '84); **Shigeru Kinoshita, MD, PhD** (class of '82); and **Stanley Chang, MD** (class of '78).

Trainee awards

American Association for Pediatric Ophthalmology and Strabismus

Mary-Magdalene (Ugo) Dodd, MD, was selected for the 2018 Fellow Research Award for her project, *Long-term outcomes of adjustable nasal transposition of split lateral rectus muscle for third nerve palsy - an international perspective*.

Mass. Eye and Ear

Billy Xiaoyi Pan, MD, was named the 2017-18 Richard J. Simmons and Ruthanne Simmons Glaucoma Fellow.

Harvard Department of Ophthalmology

Wendy Liu, MD, was selected for the 2018 Gragoudas-Folkman Award for her proposal, *To investigate the role of mechano-sensitive ion channels in primary open angle glaucoma*.

Macula Society

Miin (Irene) Roh, MD, PhD, received the 2018 Evangelos S. Gragoudas Award for her paper, *Comparison of progression to advanced stage between polyploid choroidal vasculopathy and age-related macular degeneration in Korea*.

MIT Sloan Healthcare Club & BioInnovations Conference

TheraOptix, a team from a Harvard Medical School affiliate, won first place in the Sloan Healthcare Innovations Prize competition for their invention: a drug-delivering contact lenses made from FDA-approved materials. TheraOptix's core technology was first developed nearly a decade ago by ophthalmologist **Joseph B. Ciolino, MD**, in collaboration with anesthesiologist Daniel Kohane, MD, PhD, at MIT. **Lokendra Bengani, PhD**, a postdoctoral fellow in Dr. Ciolino's laboratory, and **Chris Bayers**, a Clinical Research Coordinator at Mass. Eye and Ear, represented TheraOptix at the competition.

Personnel updates

RECRUITS



Courtney Ondeck, MD, MPhil, HMS Instructor in Ophthalmology

After completing her glaucoma fellowship at Duke University, Dr. Ondeck will join the Glaucoma Service of Mass. Eye and Ear and the VA Boston Healthcare System in September 2018. Dr. Ondeck's clinical focus is the medical and surgical management of adult glaucoma, with a particular interest in minimally invasive glaucoma surgery. Her research interests include the development of novel ocular drug-delivery and long-term delivery-devices for glaucoma medications.



Allison Soneru, MD, HMS Instructor in Ophthalmology

After completing a glaucoma fellowship at the New England Eye Center/Tufts University, Dr. Soneru will join the Glaucoma Service of Mass. Eye and Ear and the VA Boston Healthcare System in July 2018. She is active in both research and community outreach. She has volunteered for Unite for Sight in Accra, Ghana, as well as for Chicago's Community Health Clinic. Her research interests include novel surgical techniques, novel glaucoma drug-delivery devices, and resident and fellow education.



Nazlee Zebardast, MD, MSc, HMS Instructor in Ophthalmology

After completing subspecialty training in glaucoma at Wilmer Eye Institute, Johns Hopkins University, Dr. Zebardast will join the Glaucoma Service of Mass. Eye and Ear in mid-August 2018. She specializes in the medical and surgical management of adult glaucoma and cataracts, with a particular interest in newer surgical options known collectively as minimally invasive glaucoma surgery. She is particularly interested in anterior segment imaging in angle closure eyes and deep-learning methodologies for detection of glaucoma and characterization of progression.

APPOINTMENTS/PROMOTIONS

To Assistant Professor of Ophthalmology

- Kimberley Chan, OD, Mass. Eye and Ear
- Alexandra T. Elliott, MD, Boston Children's Hospital
- Ayellet Segré, PhD, MSc, Mass. Eye and Ear
- Philip Silver, OD, Beetham Eye Institute at Joslin Diabetes Center
- Brian Song, MD, MPH, Mass. Eye and Ear

DEPARTURES

- Paul Greenberg, MD, Mass. Eye and Ear Retina Service
- Louis Pasquale, MD, Director of the Mass. Eye and Ear Glaucoma Service
- Brian Song, MD, MPH, Mass. Eye and Ear Glaucoma Service
- Veena Rao, MD, MSc, Mass. Eye and Ear Glaucoma Service

LEADERSHIP APPOINTMENTS/CHANGES

Alice Lorch, MD, Associate Chief Quality Officer for Ophthalmology, will succeed **Teresa Chen, MD**, as Chief Quality Officer for Ophthalmology at Mass. Eye and Ear, beginning July 2018.

Neena Haider, PhD, Schepens Eye Research Institute of Mass. Eye and Ear, was selected to join the Women in Eye and Vision Research (WEAVR) leadership committee for the Association for Research in Vision and Ophthalmology.

Alumni corner

Next Chapter for Mass. Eye and Ear Alumni Association

For decades, **B. Thomas Hutchinson, MD**, Ophthalmic Consultants of Boston, **Frank Berson, MD**, Beth Israel Deaconess Medical Center, and **Ed Reardon, MD**, Mass. Eye and Ear, have led the Mass. Eye and Ear Alumni Association. These physician leaders have nurtured relationships with generations of fellow alumni and marshaled their support to strengthen departmental training programs. Physician leadership has transitioned to **Joseph Rizzo III, MD**, (Ophthalmology) and **Michael Rho, MD**, (Otolaryngology) both of Mass. Eye and Ear. Dr. Rizzo continues as Director of the Harvard Department of Ophthalmology Alumni Association, and is joined by **Joseph Ciolino, MD**, who is Associate Director.

Honors and Awards

Harvard Ophthalmology alumnus (class of '78) **Stanley Chang, MD**, is being honored with Retina Society's 2018 J. Donald M. Gass Award. The former Edward S. Harkness Professor and Chairman of the Department of Ophthalmology and K.K. Tse and Ku Teh Ying Professor of Ophthalmology, Columbia University Medical Center, New York Presbyterian, will present the Gass Lecture at the 2018 Retina Society Annual Meeting held September 12-15 in San Francisco.

Mass. Eye and Ear alumnus (class of '81) **Peter DeBlasio Jr., MD**, received the 2017 Distinguished

Service Award from CharterCARE Health Partners in December 2017. An ophthalmologist at Our Lady of Fatima Hospital for more than 35 years, Dr. DeBlasio has been Chief of Ophthalmology at Fatima and Director of the Ophthalmic Diabetes Clinic since 1990. He has served on numerous boards and committees at Fatima, including as president of the medical staff.

Harvard Ophthalmology alumnus (class of '95) **Philip J. Rosenfeld, MD, PhD**, will present the 75th Edward Jackson Memorial Lecture during the American Academy of Ophthalmology Opening Session on Sunday, October 28. A leading AMD expert, Dr. Rosenfeld pioneered the use of bevacizumab for exudative macular diseases. He is Professor of Ophthalmology at the Bascom Palmer Eye Institute, University of Miami, Miller School of Medicine.

In memoriam

Matthew Dinsdale (Dinny) Davis, MD, a retina fellow of Dr. Charles L. Schepens, passed away on March 5, 2018 at age 91. A leader in academic ophthalmology, he is best known for his seminal work in diabetic retinopathy clinical trials. After completing his fellowship with Dr. Schepens in 1956, he returned to Wisconsin and joined his father, brother, and their colleagues in ophthalmic practice. He also joined the ophthalmology faculty at the University of Wisconsin Medical School, where he rose in rank to Professor and head of the division. He helped elevate the division into the Department of Ophthalmology and Visual Sciences and served as its first chair from 1970 to 1986. He also was the national chair for the landmark Diabetic Retinopathy Study (DRS), one of the first clinical trials funded by the National Eye Institute in 1971.

B. Thomas Hutchinson, MD, Harvard Ophthalmology alumnus—classes of '65 (residency) and '66 (glaucoma fellowship)—and longtime supporter of the department, passed away April 9, 2018 at age 84. A prominent surgeon and gifted teacher, Dr. Hutchinson mentored generations of trainees at several institutions, including Harvard Medical School, where he rose in rank to Associate Professor of Ophthalmology, Part Time. Dr. Hutchinson is perhaps best known for his years of service and leadership. He co-led the Mass. Eye and Ear Alumni Association, served as President of the Mass. Eye and Ear Medical Staff, and co-founded and led Ophthalmic Consultants of Boston practice. He also founded the Chandler-Grant Glaucoma Society and was the founding Chairman of EyeCare America. He served as President of the American Academy of Ophthalmology (AAO), Mass Society of Eye Physicians and Surgeons, Prevent Blindness America-Massachusetts, and the New England Ophthalmological Society (NEOS). Among his numerous honors, Dr. Hutchinson received AAO's Lifetime Achievement Award and Distinguished Service Award as well as the Mass. Eye and Ear/HMS Professional Achievement Award.

Upcoming events

See a full list of Harvard Ophthalmology events at eye.hms.harvard.edu/calendar



At the 2017 Annual Meeting and Alumni Reunion, faculty, trainees, and alumni toured Mass. Eye and Ear's Rare Book Library. On display was a selection of rare ophthalmology texts and surgical instruments, including one of only four Gullstrand ophthalmoscopes known to exist. "I was showing them the old electrical cord—there's no way we could plug that into anything today," said Louise Collins, Director of the Howe Library.

Harvard Ophthalmology 2018 Annual Meeting & Alumni Reunion

June 8-9, 2018

All current and former residents, fellows, and faculty members are invited to attend this important two-day event of scientific exchange and networking on June 8-9.

On Friday, faculty will present updates on clinical and scientific topics, and **Joseph Rizzo III, MD**, HMS David Glendenning Cogan Professor of Ophthalmology in the field of Neuro-Ophthalmology at Mass. Eye and Ear, will present the 2018 Mariana D. Mead Lecture, "Unraveling the enigma of non-arteritic anterior ischemic optic neuropathy." Tours of the Altschuler Ophthalmology Surgical Training Laboratory and the Abraham Pollen Archives and Rare Book Library will be held in the afternoon. The evening cocktail reception, Trainee Poster Contest, and Gala Dinner will be held at the Four Seasons Hotel.

The Alumni Reunion kicks off at 8:00 am on Saturday, and features alumni presentations along with Distinguished Achievement Award Lectures. **C. Stephen Foster, MD** (class of '77) and **Dimitri Azar, MD, MBA** (class of '88, '90, '91) are the clinical and research awardees, respectively.

Harvard Ophthalmology & Mass. Eye and Ear Resident and Clinical Fellow Graduation

June 21, 2018 | 4:00 pm

Lancaster Course in Ophthalmology

June 17-August 20, 2018 | Colby College, Waterville, ME

Founded in 1946, the Lancaster Course has provided training for ophthalmologists from all over the world.

Lucy Young, MD, PhD, directs this annual, seven-week-long program, which offers contemporary and extensive coverage of the basic sciences and clinical sciences in ophthalmology. Many teaching hospitals use the Lancaster course to supplement their residency training programs. Registration is required. Visit the special programs section at www.colby.edu

3rd Biennial International Symposium on Ocular Regeneration

October 11, 2018 | Boston, MA

This one-day event brings together thought leaders in the field to discuss the current and future state of regeneration and stem cells in eye disease. Travel awards for postdoctoral fellows are available. **Robert Langer, ScD**, David H. Koch Institute Professor of Chemical Engineering, Massachusetts Institute of Technology, will present the keynote lecture.

5th Biennial International Symposium on AMD

October 12-13, 2018 | Boston, MA

The symposium draws international experts from a diverse array of fields—as well as leaders from related disciplines outside ophthalmology—in an interactive format to discuss current and future topics in AMD research. Travel awards for postdoctoral fellows are available. **François Delori, PhD**, HMS Professor of Ophthalmology at Schepens Eye Research Institute of Mass. Eye and Ear, will present the 2018 Ephraim Friedman Lecture.

Glaucoma and Neuro-Ophthalmology Fall Festival

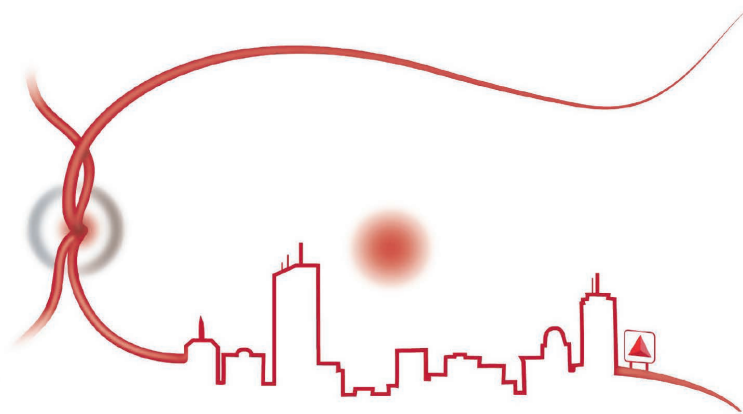
October 14-16, 2018

This three-day course dedicates one day to glaucoma topics and two days to neuro-ophthalmology content. The course format includes case-based presentations led by expert panels, followed by didactic lectures relevant to the clinical cases.

SEND US YOUR NEWS!

Please forward news, photographs, comments, and mailing changes to eyenews@meei.harvard.edu

Save the Date: January 10-12, 2019 | Boston, MA



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