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Jack Hanna brings a few feathered friends along to support the residents

CONTENTS

1 JACOB MOSES LECTURESHIP
2 JACK HANNA AT BUCKEYE GOLF
4 WEBER LIFETIME ACHIEVEMENT
5 PATTI BLOW RESEARCH TEAM
5 CORNEAL CROSSLINKING
6 OSUMC COLLABORATIVE RESEARCH
8 HENDERSHOT: LIKE FATHER, LIKE SON
9 WILLIAM RUMMEL: 60-YEAR ALUMNI
10 ARVO HOT TOPIC AWARDS
10 2011-2014 RESIDENTS
11 GRADUATING RESIDENTS
11 JOHN STECHSCHULTE: AAO TRUSTEE
12 MEDICAL MISSION TO INDIA
13 VIRGINIA HESS: ARTISTIC VISION

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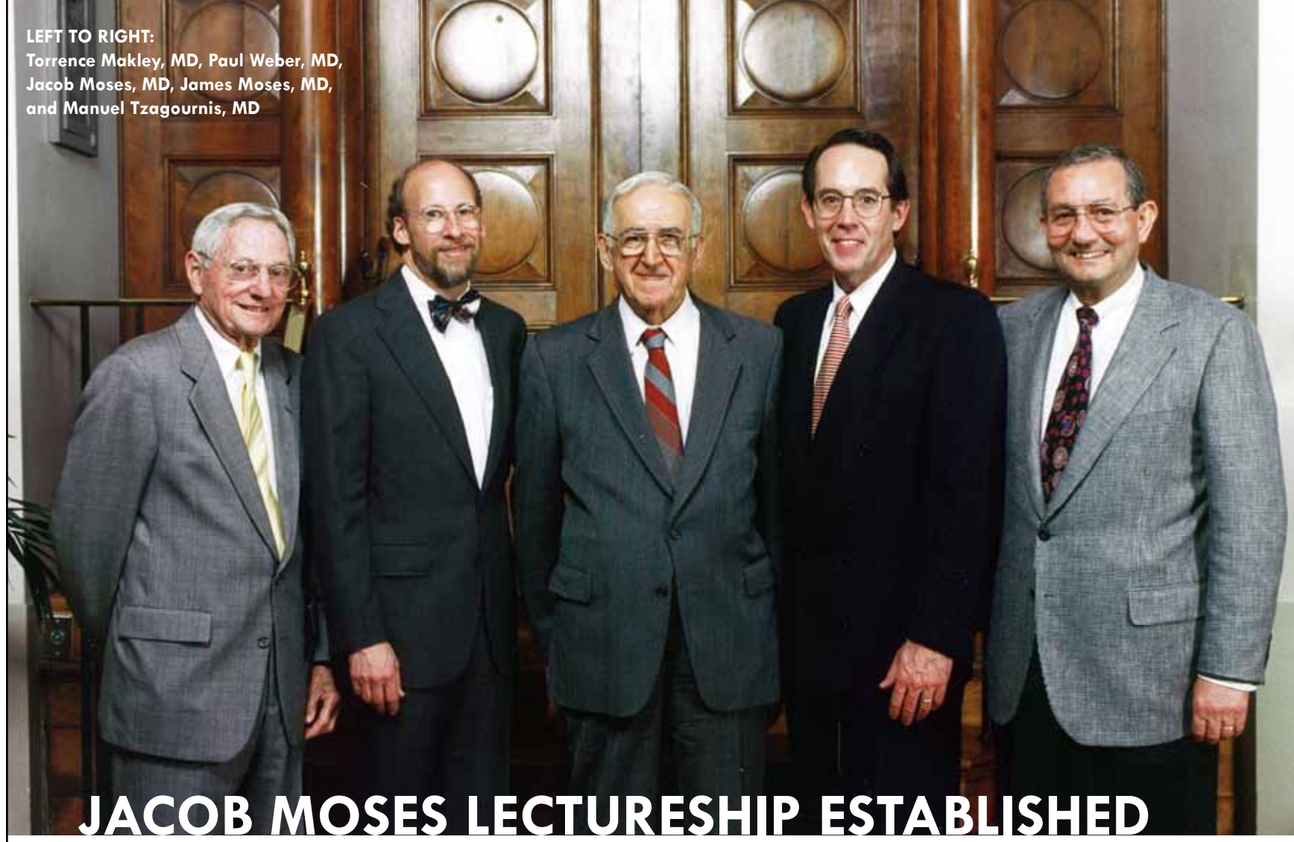
OPHTHALMOLOGY OUTREACH
PHONE | (614) 293-8760
EMAIL | EYE@OSUMC.EDU



LEFT TO RIGHT:
Torrence Makley, MD, Paul Weber, MD, Jacob Moses, MD, James Moses, MD, and Manuel Tzagournis, MD

JACOB MOSES LECTURESHIP ESTABLISHED

The Jacob Moses MD Lectureship Fund has been established with gifts made in his memory from his son, James L. Moses, MD of Canal Winchester, Ohio.

Dr. Moses was born July 25, 1914 to Phillip and Sarah Moses in Washington, PA. He received his undergraduate degree in Biology at Washington & Jefferson College and his medical degree at Western Reserve Medical School. He completed both his ophthalmology residency and fellowship at The Cleveland Clinic Foundation.

Dr. Moses was practicing ophthalmology from 1945 to 2002, almost until his death on October 15, 2003. He joined the faculty of the Department of Ophthalmology in 1946, holding various positions from instructor to clinical professor. During his tenure, he contributed substantially to the clinical growth of the Department during its early years. He was instrumental in educating and training numerous medical students and residents, including those undertaking clinical rotations at Mount Carmel Hospital, where he held many administrative positions, including Ophthalmology Program Director.

He was a member of the American Medical Association and The American Academy of Ophthalmology. He was a diplomat of the American Board of Ophthalmology. He received multiple commendations for his contributions in medicine in general and the ophthalmic services in particular.

His career spanned seven decades during which time he saw hundreds of thousands of patients and treated an wide variety of eye diseases and disorders, and performed thousands of medical and surgical procedures.

He was known as a compassionate, contributing individual and physician whose thoroughness, tenacity, and endurance were unequaled.

Dr. Moses was a devoted husband to his wife of 63 years, Florence E. Moses, and father to their six children. He was an avid biologist, an accomplished clarinetist, and devoted to athletic programs, including OSU's football program.

Join us for the inaugural Jacob Moses Lectureship to be held April 19, 2012, with guest speaker Sunny McCord, MD, an oculoplastic surgery specialist from Atlanta, GA. To RSVP, contact Barb Landolfi at 614-293-8760.

Jack Hanna and his daughter Julie pose with the OSU ophthalmology residents and Warren the flamingo

THE 2011 BUCKEYE GOLF CLASSIC WITH JACK HANNA

Randy McLaughlin, OD makes a new friend

Kenya the serval cat

Jack signs a book for Paul Weber, MD

Jack Hanna with long-time friend Charlotte Immke

Bob Lafollette and Dr. McKinlay

If you need an excuse to play golf on a beautiful day in June, then playing for charity and getting to meet internationally acclaimed animal advocate Jack Hanna would be a good one. The BuckEYE Golf classic provided just such an opportunity to the over 100 charity golfers that participated in this year's event. Jack took time to greet and take photos with participants and answer questions about his animal chums that he brought with him. He also let us know about his personal connection to eye care.

"I am here obviously for a great cause, but the other reason is the fact that I was legally blind," said Jack. "That is blind without glasses, when I was seven years old. I will never forget the time when I got my first pair of glasses. I told my mother, 'I can see the leaves on the trees.'"

Charity participants were enamored with the many furry and feathered friends that Jack brought along with him. Among them were a flamingo, a penguin, a serval cat (cheetah-like creature), a wombat, a dingo, and an armadillo, to name a few. Even after the golfers were out on the OSU Scarlet Golf Course, the topic of conversation still centered around our incredible special guest, Jack Hanna, and which of the animals were their favorite, Warren the flamingo or Kenya the serval.

In addition to a great day of golf, participants got a special hands-on preview of the EYESi Surgical Simulator, an innovative teaching tool; which the proceeds from this year's event will help purchase.

"We take great pride in our residency program and our commitment to train the best ophthalmologists and surgeons of tomorrow," said Department Chairman, Thomas Mauger, MD. "Providing the highest quality resident education has always been a tenet of our department and we now have a wonderful opportunity to continue this tradition with the EYESi."

The success of this year's outing, as with other years, was due to the many amazing community sponsors that showed their support; sponsors like Bernstein Global Investments, Resource One, Mauck2: Custom Transport Vehicles, Group Benefits Agency, Arlington Optical, Taft Law Firm, Carl Zeiss, Haag Streit, Heine, and many more. (For a complete list visit, www.eye.osu.edu/events)

Fifth Third Bank continued its longstanding tradition of support by acting as Presenting Sponsor for the 5th straight year.

"Fifth Third Bank is very proud to partner with the OSU Medical Center and recognizes the importance of technology in the medical field", said Matt Mazza, Healthcare Relationship Manager for Fifth Third Bank. "We are pleased to able to help support medical innovations, such as the EYESI Surgical Simulator. Fifth Third Bank is also a partner of the Columbus Zoo and Aquarium, and it was great to have Jack Hanna, international animal advocate, as this year's special guest."

Another long-standing advocate for the Havener Eye Institute, Robert McKinlay, MD, was enthusiastic about the training capabilities of the surgical simulator.

"I'm grateful for my long-term association with the Department," said Dr. McKinlay. "I enjoy attending the golf outing every year and being able to support the residency program any way I can."

After another successful golf outing, which raised $46,000 for the Residency Program, Jack offered a last word of encouragement.

"I know what being without sight even for a short period of time can be like," said Jack. "I work with a lot of older and younger people who do not have their eyesight and it is unfathomable to me. It is amazing what you folks at Ohio State are doing. It's tremendous."

WEBER LIFETIME ACHIEVEMENT AWARD

A news item should, if possible, convey some element of surprise. Unfortunately, few will be surprised to learn that Paul A. Weber, MD has been awarded the 2011 Lifetime Achievement Award from The Ohio State University, College of Medicine.

Dr. Weber joined the Faculty in 1978 and served as Chairman of the Department of Ophthalmology from 1988 until 2004. He has received numerous well-deserved teaching awards. He was the first recipient of the Makley-Battles Teaching Award and received the Pre-Clinical Teaching Award in 1993, 1994, 1996, and 1997 and the Outstanding Teaching Award in 1998. He was selected as the Pre-Clinical Professor of the Year in 1999 and 2000 and Professor of the Year in 2000. He was honored with an Excellence in Teaching Award for Ophthalmology in 2002. In 2003, he received the Medical Alumni Faculty Teaching Award and the Faculty Teaching Award.

From his gracious smile to his colorful bowties, Dr. Weber is the embodiment of the gentleman doctor. His teaching style is legendary and students are immediately put to ease by his calm demeanor and engaging personality. When we asked for a few words from colleagues and residents, the response was overwhelming.

"Dr. Weber was the first person that I interviewed with when I came to OSU to look at the ophthalmology residency," said Chief Resident Bryan Costin, MD. "I was struck by his presence and sincerity. He gave me his business card and when I went home that night, I pinned it up on my bulletin board. That card has not moved in four years. It is a reminder to me of his commitment and inspires me to be more like him."

"His enthusiasm for life, family, working, and teaching are infectious.," shared second-year resident Sireesha Clark, MD. "By merely being in his presence, you reflect upon yourself and find yourself asking, 'How can I be a better person?' He made me want to pursue ophthalmology, but what I admire and appreciate him for the most, is his strong character, which I can only hope to emulate one day."

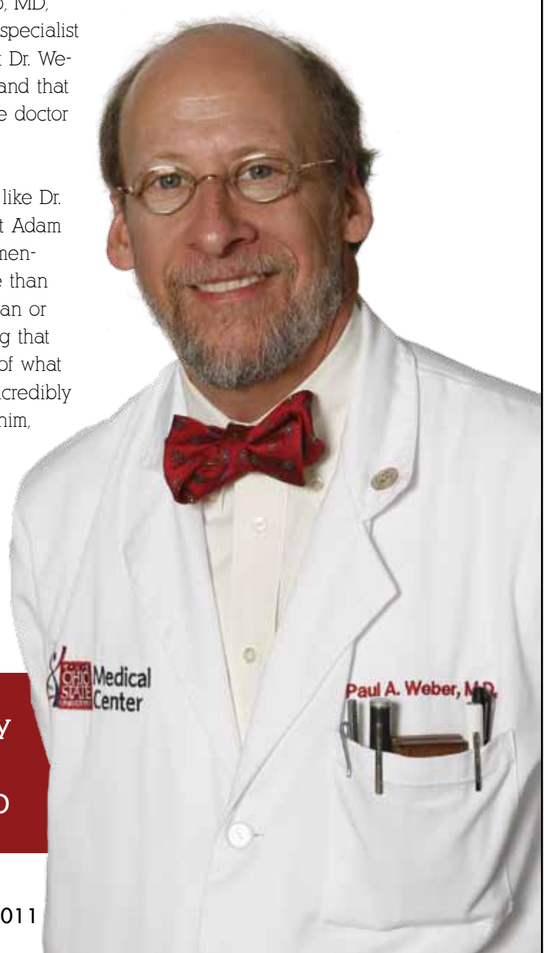
"Dr. Weber not only inspired me to pursue ophthalmology," explained OSU ophthalmology alumni Amy Kopp, MD, "but he made me the Glaucoma specialist I am today. I am so thankful that Dr. Weber was involved in my training and that he was able to shape me into the doctor that I am today."

"There is no person in the world like Dr. Weber.," stated third-year resident Adam Cloud, MD. "He is more than a mentor, more than a role model, more than an educator, more than a physician or ophthalmologist. He is everything that we strive to be. He reminds me of what medicine is all about. We are incredibly lucky to know him, to work with him, and to learn from him."

"Paul Weber was one of the reasons I chose to come to OSU as a resident many years ago and a major reason I am on faculty today," said Residency Program Director, Alan Letson, MD. "He is an icon of professionalism and quality in medical care and education. Most importantly, he has been a great friend."

There are many more who would love to contribute a few words in honor of Dr. Weber, but there simply isn't enough space. Their sentiments however, can be encompassed by Ophthalmology Chairman Thomas Mauger, MD.

"Dr. Weber is an outstanding educator of medical students, residents, and fellows. He is simply one of the best physicians and teachers that I have ever met. Congratulations on this amazing achievement!"



"Dr. Weber is an outstanding educator. He is simply one of the best physicians and teachers that I have ever met." - Chairman Thomas Mauger, MD

Dr. Cebulla, Dr. Abdel-Rahman, Warner & Patti Blow, and Dr. Davidorf

PATTI BLOW RESEARCH TEAM

Most all of us donate to one or more charities. The goal of giving is to support a worthwhile cause to make a difference in people's lives. Through the philanthropy of Warner and Patti Blow the Department, under the guidance of Dr. Frederick Davidorf, has established the Patti Blow Research Team to make a difference in patients with eye cancer.

Last month we celebrated the 10th anniversary of the lab and reviewed many of the accomplishments. Dr. Steven Gabbe, CEO OSU Medical Center, welcomed and thanked the Blows for their support of the Department of Ophthalmology and The Ohio State University College of Medicine. Researchers from Ophthalmic Oncology, Radiation Oncology, Hematology Oncology, Surgical Oncology, Pathology, and Human Cancer Genetics are part of the multidisciplined approach to the management of ocular melanomas at Ohio State.

Patients seen on the Ocular Oncology Unit by Dr. Davidorf and Colleen Cebulla, MD, PhD are asked to enroll in the "Melanoma Study." The Ocular Melanoma Team studies the molecular genetics of ocular tumors looking for tumor markers that can be used to find and treat early metastatic diseases via target therapy. This type of therapy is directed toward blocking the rapid growth and spread of circulating melanoma cells.

Warner acknowledged their many accomplishments and thanked all of the dedicated researchers and staff that have worked so hard over the years and achieve so much.

The goal of their contributions has always been to support basic research with an emphasis on diseases such as diabetic retinopathy, age-related macular degeneration, and melanoma of the eye.

Now, a decade of results have led us to a more promising future for patients with ocular cancer. The Blows have made a difference. We thank them.

TOP RESEARCH MILESTONES

- Screening natural occurring herbal medicine and effect on melanoma cells in culture
- Molecular genetic studies in our lab have determined the role of chromosomal abnormalities in the prognosis of patients with ocular melanoma
- Our researchers under the leadership of Mohammed Abdel-Rahman, PhD have identified a new familial cancer syndrome and an associated abnormal gene
- Analysis of our patient database has linked ocular melanoma to other malignancies, such as skin melanoma

CORNEAL CROSSLINKING CLINICAL TRIAL

Keratoconus is a progressive disease which results in the thinning of the cornea (the clear, front part of the eye). Consequently, the cornea assumes a more cone-like shape.

Patients with keratoconus often struggle with glare, ghost images, halos, double vision, and a host of other visual challenges. It is often discovered when their vision cannot be properly corrected with glasses.

A new FDA clinical trial led by Dr. Thomas Mauger, called corneal crosslinking, studies the effect of Vitamin B2 eye drops and exposure to ultraviolet light on the progression of corneal thinning and visual acuity.

The goal is to evaluate the safety and effectiveness of corneal crosslinking for the treatment of keratoconus as well as corneal thinning following laser vision correction surgery (LASIK). Other investigators who are participating in the study are Andrew Hendershot MD, Rebecca Kuennen MD, and Richard Lembach, MD.

For more information on this and other clinical trials, contact the ophthalmology clinical trials office at 614-293-8760.

OSU Medical Center uses a simple rendering of DNA, a very complex system, to represent the complexity of the many nationally recognized divisions working together as one.

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A flurry of activity surrounds the new James Cancer Hospital as it rises from the recently poured foundation and reminds us of the great heights which can be achieved when individuals are dedicated to one purpose. A modern medical center, like the human body, is made up of a multitude of complex systems interacting to achieve a goal. These systems, though independent, rely on each other for support.

Ophthalmology is devoted to a collaborative, multidisciplinary approach that utilizes the unprecedented resources, technology, and expertise of the OSU Medical Center and helps us improve the lives of our patients.

When investigating new chemotherapy agents, Oncology's Miguel Villalona, MD and Greg Otterson, MD and Hematology's Kristie Blum, MD rely on Ophthalmology's Steven Katz, MD, a neuro-ophthalmologist, to monitor their patients for ocular toxicity.

Dr. Katz's specialization also makes him invaluable to Neurology's Aaron Boster, MD who specializes in Multiple Sclerosis (MS). Since MS can cause serious ocular problems, Dr. Katz plays a vital role in the evaluation of new therapeutic MS treatments.

Ophthalmology's Paul Weber, MD (Glaucoma) and Andrew Hendershot, MD (Anterior Segment) have teamed up with Anesthesia's Hamdy Elsayed-Awad, MD and Urology's Ronney Abaza, MD to investigate the ocular effects of Trendelenburg positioning and anesthesia during robotic surgery. Since Trendelenburg positioning, where the feet are elevated above the head, can put added pressure on the head, Drs. Hendershot and Weber will be studying the intraocular pressure and optic nerve of patients during robotic surgery.

Neurology's J. Lane Moore, MD is also collaborating with Dr. Hendershot on a study of patients with partial seizures taking Pregabalin versus placebo. Since Pregabalin can cause vision problems, Dr. Hendershot monitors study participants for changes in their visual field.

Susan Koletar, MD from Infectious Diseases began investigating therapeutic vaccinations for HIV patients and called on Rebecca Kuennen, MD of Ophthalmology Anterior Segment Division to evaluate the ocular health of participants.

"It's extremely gratifying," said Dr. Kuennen, "to be a part of a clinical trial for a vaccination that could make such an impact on patient lives."

Two members of Ophthalmology's Retina division, Colleen Cebulla, MD, PhD and Michael Wells, MD are assisting Michael Go, MD of Heart & Vascular Center to understand the feasibility of using bone marrow concentrate for the treatment of critical limb ischemia, a severe blockage in arteries of the lower extremities. The bone marrow will promote better vascular health, but, because it is a systemic treatment, it will affect all parts of the body, including the eye. Dr. Cebulla and Dr. Wells examine the blood vessels in the back of the eye to ensure that the treatment does not negatively affect the vision of study participants.

Dr. Cebulla and Retina Division Director Alan Letson, MD, have partnered with Endocrinologist Kwame Osei, MD on multiple projects. Dr. Osei is a national leader in the field of diabetes, a condition that affects nearly 26 million Americans. The ocular impact of diabetes is one of the more devastating effects of the disease. Left untreated, diabetic retinopathy can lead to severe vision loss or even blindness.

Ophthalmologists, Drs. Cebulla and Letson, monitor the diabetic patients' ocular condition, while they participate in Dr. Osei's clinical trials comparing efficacy and safety of daily diabetic medications in patients with type 1 and type 2 diabetes.

Action to Control Cardiovascular Risk in Diabetes (ACCORDIAN) is another project on which Ophthalmology's Dr. Letson and Endocrinology's Dr. Osei collaborate. It is the long awaited follow-up study to ACCORD, a landmark clinical trial which showed that combining intensive blood pressure medications and lipid therapies did not reduce the cardiovascular events in patients with diabetes.

Rendering of the new cancer hospital

"ACCORDIAN is part of a long-term set of studies," said Dr. Letson, "that is looking at the associations of metabolic control and microvascular disease in target organs like the heart, the retina, the kidneys. So our role is to monitor the improvement or progression in the eye; a small part of a very important study."

Dr. Cebulla also assists Thomas Olencki, MD and Kari Kendra, MD, Oncology, with their cancer treatment trials. Dr. Olencki is comparing current and new chemotherapy in patients with advanced or metastic melanomas; while Dr. Kendra is conducting a dose-escalation study in patients with solid tumors.

Another one of Ophthalmology's Retina specialists, John Christoforidis, MD, has teamed up with Radiology's Petra Schmalbrook, MD to develop a method for imaging veins behind the eye. Using a 7 Tesla MRI and a magnifying coil, they hope to be able to pinpoint retinal vein occlusions enabling more precise treatment.

Dr. Christoforidis is also working with Radiology's Michael Knopp, MD, PhD and Ophthalmology's Frederick Davidorf, MD and Mohammed Abdel-Rahman, PhD to develop a non-invasive work-up of patients with ocular melanomas using MRI.

"When you know that you are helping to develop something entirely new," said Dr. Christoforidis, "something that will give patients better outcomes, it's exciting."

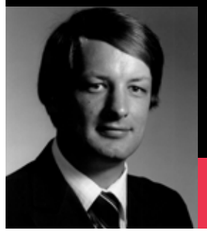
In the College of Optometry, Aaron Zimmerman, MD is comparing the optical quality and impact resistance of football helmet faceshields. Ophthalmology faculty that are involved in the project include Dr. Katz, Deborah Gzybowski, PhD, and W. Randall McLaughlin, OD.

Dr. Weber is collaborating with the College of Veterinary Medicine's David Wilkie, DVM,MS, DAVCO to discover the efficacy and biocompatibility of indirect intraocular pressure monitoring using a telemetric sensor.

"One of the great things about working at Ohio State," said Dr. Weber, "are the vast resources that are available to you. This allows wonderful opportunities for collaboration. These collaborations result in research findings that can then be taken into the clinical setting resulting in advancements in caring for our patients here and around the world."

The stories are endless; as the conclusion of one partnership often gives rise to many more. It is that undying spirit of collaboration that fuels our successes and ultimately brings our patients closer to seeing and feeling better; and that is one cause that everyone can support.

"Ophthalmology is a **tough specialty to see** as a medical student because it is completely different from almost everything else that you learn and you come and you sit in these dark rooms with these attendings and they can see all of this **real, fine stuff** and you look at these machines that we spend our residency learning how to use and somebody will say, **'Oh, look at this.** It is really cool.' And you look in and don't see anything. You see nothing, but you can't turn the light on and nothing is in focus and **you don't know how to focus it.** And you are a little medical student and you are embarrassed and for me, all of these **people knew my dad** and I'm thinking, 'I can't even use this machine.' Everyone treated me **like I should know how to do surgery** from the second that I walked in..."



LIKE FATHER, LIKE SON

Seldom has the phrase "Like father, like son" been more true than for Jack Hendershot, MD and Andrew Hendershot, MD. Both are practicing ophthalmologists, both attended medical school at The Ohio State University, both completed residencies at the Havener Eye Institute, both started their residencies in brand new buildings, both were selected as chief Resident in their final year, and both are beloved by their patients. Despite their similar results, their stories could not be more different.

JACK HENDERSHOT, MD

Jack grew up in North Canton, Ohio. His father was an extremely, busy family practice doctor. Jack remembers many vacations that we cut short because a patient went into labor and his father needed to be back for the delivery. He was not sure that medicine was the life for him, but his father took him aside and asked him, "How are you going to help people? You should be a doctor." He did want to help people, so he followed his father's advice.

After attending Capital University, he enrolled in the first three-year Medical School program ever offered at Ohio State. There were no vacations, or breaks for 36 months, but Jack managed to graduate with honors and even won the Eli. G. Alcorn prize in ophthalmology.

When it came to deciding his specialty, he said to himself, "They gave me this award and well, if the Department thinks I'm good and I like it, I guess I'll do ophthalmology."

This was in the beginning of microsurgery and implants, so it was a very exciting time with new technology and new techniques. Because of his training, he was able to bring the latest advances to the private practice that he started in Findlay, Ohio. His relationship with Ohio State helped him to maintain that technologic edge, during his 32 years.

"My career has been very rewarding and very challenging because of all of the things that I've seen change over the years. I feel blessed to have had a career that I like, that I'm good at, and it has been unbelievably satisfying."

ANDREW HENDERSHOT, MD

Growing up in Findlay, Ohio, Andy saw first-hand the impact that his dad made in the community. It was not uncommon that a patient would approach them when they were in town and say, "Andy, your dad saved my eye." or "Your dad made it so I could see again."

There was never any pressure for Andy to become a doctor. He made the decision for himself, even shadowing several physicians while still in high school to be sure. The real challenge came when deciding in which area to specialize. Residencies are so competitive; candidates usually have to start doing research before they start medical school.

"A lot has changed," said Andy. "from when my dad was studying ophthalmology. He applied to one medical school and they offered him a position right there. I don't know how many medical schools I applied to, but I interviewed all over the country. For residency, he applied to one program and they asked him if he wanted to stay and he said 'Yeah.' And that was it. Now, it is so tightly regulated. We have to rank. His journey was very different from mine,"

Andy had rotated through Ophthalmology, but had not been overly impressive. He decided to go into General Surgery instead. A few months into his internship he realized that he had made a mistake. The hours were intense and it lacked the personal satisfaction for which he had hoped.

He applied to ophthalmology mid-year, knowing that he would fall behind by a year as the residency positions were undoubtedly filled. Luckily, one of the current ophthalmology residents also decided to pursue a different residency and he was able to take her spot. After his residency and an anterior segment fellowship, he joined the faculty. Now, he feels like he has made the right decision and so does his dad.

"I hear from people all the time saying 'He's doing a great job. He's good with patients. He's very good surgically,' said Jack. "I couldn't be more proud."

DR. RUMMEL 60 YEARS & STILL GOING STRONG

For some rare souls, ophthalmology is not just a rewarding career, but a life-long passion and William Rummel, MD is certainly among them. After 60 years in ophthalmology, Dr. Rummel continues to work two mornings a week seeing patients in the Arizona ophthalmology practice he has since passed down to his sons.

William spent most of his early life in Pennsylvania. He was born in Johnstown and grew up in Glenshaw where he graduated from Shaler High School. He attended Juniata College in Huntington, PA during World War II, received his medical degree from Hahnmann University College of Medicine in Philadelphia, and, after which he began a tour in the Navy.

Dr. Rummel's interest in Ophthalmology began while studying Aviation Medicine in Pensacola, Florida. He also met "a wonderful girl" who was studying to be a nurse and they have now been married for 61 years. He served as a flight surgeon for the Marine Fighter Group during the Korean War, until his release from the military in 1951.

While attending a basic science course in Ophthalmology in Maine, he met Tod Makley, MD, an instructor visiting from The Ohio State University. It was Dr. Makley who encouraged him to become an ophthalmology resident in Columbus., Ohio

At that time, the ophthalmology clinic was housed in Starling Loving Hall, the original hospital. The Chairman, Arthur Culler, MD, a former Navy Captain, was "not a tall man, but ran a tight ship". Dr. Rummel, familiar with militaristic rigor, survived and thrived under the leadership of Dr. Culler managing to become chief resident his final year.

"Every Sunday morning," he recalls, "they would have Grand Rounds, and invite area ophthalmologists to bring interesting cases. The Chief Resident had to present them and the patients got a free exam. We were never happy to get up that early on a Sunday, but we learned so much and saw such a diversity of conditions, it was a fantastic opportunity."

After residency, Dr. Rummel completed a fellowship with Bob Quinn, MD in Chillicothe, Ohio and began his private practice in Massillon, Ohio. After seven years and five children, he moved his family west to Prescott, Arizona to become the only practicing ophthalmologist north of Phoenix.

Dr. Rummel's enthusiasm for helping patients was not confined to his Arizona practice. He also traveled extensively on mission trips across the globe. On one month-long trip that he took to Afghanistan, he performed hundreds of cataract surgeries at the Noor Eye Hospital, the only one in Afghanistan at the time. He also traveled to Brazil with Dr. Robert Bruce and to Mexico several times.

Today, all of his three sons are physicians, two of which are ophthalmologists who practice with him and the other son is practicing internal medicine in Florida. His two daughters are both registered nurses; the youngest assists in the office.

Dr. Rummel also acts as a Senior Examiner for the Civilian Aviation Medical Association (CAMA), an organization which performs physicals for pilots and gets his exercise at his 80-acre apple orchard which is surrounded by the National Forest northwest of Prescott.

Meanwhile, the career he's lived and loved which started in Ohio, is still growing in Arizona, as he continues assisting eye patients in the same practice he's had for over half a century. Now that's dedication.

TOP ROW:
Frank Taylor, MD ('57)
Harry Koenig, MD
Ted Suie, PhD ('55)

BOTTOM ROW:
Alfred Joseph, MD ('56)
Dr. Rummel, MD ('54)
Roy Teed, MD
Gail Locken, MD ('55)

ARVO2011

The following is a Department listing of abstracts presented at the Association for Research in Vision and Ophthalmology's 2011 Annual Meeting in Fort Lauderdale, FL, including those which received "Hot Topic" awards.

Lena V. Chheda, Amy K. Ferketich, Charles P. Carroll, Paul D. Moyer, Daryl E. Kurz, Paul A. Kurz. "Smoking as a Risk Factor for Choroidal Neovascularization in Presumed Ocular Histoplasmosis Syndrome".

John Christoforidis, George Hinkle, Michelle Carlton, Michael Knopp. " PET/CT Imaging Of Intravitreal Radiolabeled Bevacizumab and Ranibizumab In A Rabbit Model". (HOT TOPIC)

Verma V, Christopher B, Cebulla CM, Davidorf FH , Abdel-Rahman MH. Monosomy 3 status of metastatic uveal melanomas is associated with rapidly progressive, therapy-resistant tumors."

Vaccarella LK, Abdel-Rahman MH, Davidorf FH, Cebulla CM. "Molecular Genetic Testing in Uveal Melanoma: An Examination of the Practice Patterns of North American Ocular Oncologists".

Christopher B, Cebulla CM, Wakely Jr. PE, Davidorf FH , Abdel-Rahman MH. Molecular Genetic Testing of Uveal Melanoma from Routinely Processed and Stained Cytology Specimens".

Benjamin D. Abramowitz, Ashraf M. Mahmoud, Cynthia J. Roberts, Amit Tandon, Deborah M. Grzybowski. "Swelling Analysis Of Thickness, Curvature, And Biomechanical Properties In The Post-LASIK Cornea."

Cynthia J Roberts, Ashraf M. Mahmoud, Isaac Ramos, Renata Siqueira, Renato Ambrósio. "Factors Influencing Corneal Deformation and Estimation of Intraocular Pressure."

Ashutosh Richhariya, Yogesh Verma, Divakar K. Rao, Cynthia J. Roberts, Ashraf M. Mahmoud, Virender S. Sangwan, Sunil K. Punjabi, Pradeep K. Gupta. "Effect of Intraocular Pressure and Anisotropy on the Optical Properties of the Cornea: An Experimental Study."

Jennifer R. Lewis, Beatrice E. Frueh, Christoph Tappeiner, Ashraf M. Mahmoud, Cynthia J. Roberts, "Keratoconus Screening Based on Anterior Axial Curvature and CLMI Algorithm." Pete S. Kollbaum, Mujtaba A. Qazi, Ashraf M. Mahmoud, Martin Rickert, Ryan McGiffen, Michael D. Twa, Cynthia J. Roberts, Jay S. Pepose. "The keratoconic disease classification ability of single item and spatial distribution metrics".

Ashraf M. Mahmoud, Li Wang, Mitchell P. Weikert, Douglas D. Koch, Cynthia J. Roberts. "Factors Influencing IOL Power Calculations After Refractive Surgery."

Scott W. Yeates, Loretta B. Szczotka-Flynn, Ashraf M. Mahmoud, Cynthia J. Roberts. "Corneal Topographic Changes During Continuous Silicone Hydrogel Contact Lens Wear."

Bryan R. Costin, Gloria P. Fleming, Paul A. Weber, Ashraf M. Mahmoud, Cynthia J. Roberts "Corneal Biomechanical Properties and Intraocular Pressure Measurement in Primary Open Angle Glaucoma versus Normal Control Subjects."

Bongsu Kim, Cynthia J. Roberts, Ashraf M. Mahmoud, Deborah M. Grzybowski, Paul A. Weber, Zhao Yi ."Topographic Effect of Micro/Nanoengineered Polymer Substrates on Cultured Trabecular Meshwork Cells." Accepted as a Poster to ARVO.

Leilei Zhang, Cynthia J Roberts, Alan D Letson, Ronald Xu. "Comparison of Avastin and Lucentis conjugated microbubbles for targeted delivery in age-related macular degeneration.

Rachel E. Reem, Armando E. Hoet, Colleen M. Cebulla. "Detection of Staphylococcus aureus: a standardized method for surveillance of ophthalmology clinic equipment".

Wall PB, Mauger TF, Kuennen RA, Hendershot AJ. "Confocal interpretation compared with clinical and microbiological findings in atypical keratitis: review of 64 cases".

Cebulla CM, Zelinka C, Scott MA, Bingham A, Fischer AJ. "Novel Cone-rich Retinal Detachment Model in the Chick". (HOT TOPIC)

NEW RESIDENTS

Lindsay Adam, MD

Undergraduate:
College of William & Mary

Medical School:
Wright State Medical School

Megan Chambers, MD

Undergraduate:
Kenyon College

Medical School:
Wright State Medical School

Abbe Craven, MD

Undergraduate:
The Ohio State University

Medical School:
The Ohio State University

Sarah Escott, MD

Undergraduate:
Hope College

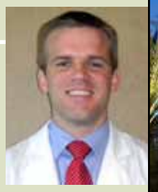
Medical School:
The Ohio State University

Ellen Miller, MD

Undergraduate:
The Ohio State University

Medical School:
The Ohio State University

John Welling, MD



Undergraduate:
Brigham Young University

Medical School:
The Ohio State University

LEFT TO RIGHT:
Dr. Olson (Chief), Dr. Lawhon, Dr. Kukuyev, Dr. Davis, Dr. Chheda, and Dr. Verma

ALLA KUKUYEV, MD
Jules Stein Eye Center at the University of California Los Angeles's has asked Dr. Kukuyev to complete a Uveitis Fellowship.

LENA CHHEDA, MD
Dr. Chheda will be continuing her education at the Havener Eye Institute by completing a Corneal and External Disease Fellowship.

AARON DAVIS, MD
Dr. Davis will remain in Columbus, Ohio to continue his training at the Havener Eye Institute until October 2011.

BILL LAWHON, MD
Dr. Lawhon has chosen a Pediatric Ophthalmology Fellowship at the University of Texas Southwest in Dallas TX.

CATE OLSON, MD
Nationwide Children's Hospital welcomed our 2011 Chief Resident Dr. Olson to their Pediatric Ophthalmology Fellowship.

VISHAL VERMA, MD
Dr. Vishal has joined the Greater Ohio Eye Surgeons in Springfield, Ohio, to practice Comprehensive Ophthalmology.

OSU President, Dr. E. Gordon Gee with Dr. Stechschulte

TRUSTEE-AT-LARGE
JOHN R. STECHSCHULTE, MD

Dr. Stechschulte, a Havener Eye Institute clinical faculty member, has recently been elected by the American Academy of Ophthalmology (AAO) as a Trustee-at-Large. He previously served on the Academy Board, as the Vice Chair and then Chair of the Academy Council, as an Alternate Councilor, for six years, and then Councilor for the State of Ohio.

Dr. Stechschulte is a Notre Dame graduate, with a medical degree from The Ohio State University. His residency was at Wills Eye Hospital, where he served as co-chief resident. He completed a cornea/anterior segment fellowship at Bascom Palmer Eye Institute. He was then appointed as a clinical instructor at OSU Havener Eye Institute.

As a corneal, refractive, and anterior segment consultant, Dr. Stechschulte performs specialty surgery and provides general ophthalmic medical care. He is also participates in our Annual BuckEYE Golf Classic, which supports our residents.

INDIA

OPHTHALMOLOGY INTERNATIONAL MISSIONS

Gated entrance to a temple in Kutch, India

Two post-op patients waiting to be seen

Proud grandma of a 3-month old cataract patient

A visual acuity machine in a local dialect

With a population of over 1.2 billion citizens, the largest concentration of people living below the World Bank's international poverty line of $1.25/day and only one ophthalmologist per 100,000 citizens, eye care in India is often out of reach for those who need it most.

In early 2011, Lena Chheda, MD (a fourth-year resident) and Thomas Mauger MD (Department Chair) traveled to Kutch, a desert region in the northwest part of the country. Earthquakes in 2001 had devastated the already underdeveloped area leaving very little infrastructure.

Dr. Chheda had always wanted to participate in international missions, but felt especially drawn to the region of India where her grandparents grew up.

"All my family moved to the city, so going back there always reminds me of my grandparents because I never met them. It's just really nice to be able to give back to people who support you."

A family friend of Dr. Chheda's, had started a clinic which hosts a medical specialty every month and treats as many people as they can. They go out to the villages all over the state to hold large screening events. People line up for hours and are divided into the different ophthalmic categories (cataracts, surgical patients, patients who need glasses, etc.). Surgical patients are then brought to the clinic and are given free food and housing for the duration of their surgery and post-operative care.

During the week of their visit, Dr. Mauger and Dr. Chheda saw patients in the morning and performed surgeries in the afternoon.

"When we were there, we did a fair amount of cataracts on a wide variety of ages; including a 3-month-old baby with bilateral congenital cataracts. His mother had come from 3 hours away. Ministers, priests, and even local area doctors all came to be operated on by Dr. Mauger." They also saw a lot of Vitamin A deficiencies, old corneal scars, traumatic injuries, and corneal burns.

Considering the rural area, the facilities were fairly modern, however, many surgical items still needed to be donated. Antibiotics, intraocular lenses, eye drops, and medical supplies were provided by Alcon.

"When I was growing up I heard about this amazing clinic that helps so many people. It's why I got into ophthalmology. When you go to other countries, it's a completely different attitude. They are so grateful for their opportunities and the physicians that help them. There is so much appreciation; it makes you enjoy what you do so much more. I can't wait for my next opportunity to go back."

Portraiture by Virginia Hess

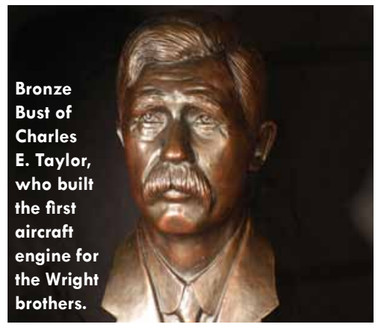
Virginia with Dr. Weber

ARTISTIC VISION

Ever since she was old enough to put crayons to paper, Viginia Krause Hess wanted to be an artist. From a family of artists, including her great-great-grandfather who had taught art to the Kaiser back in Germany, she could not imagine being anything else.

At the age of four, her dreams and those of the entire nation were shaken when the stock market crashed beginning the Great Depression. Her parents, who were both pharmacists, tried to insist that she be more "practical" and follow in their profession, but she persevered and utilized scholarships to pay for her art education, winning her first at the age of eleven.

Today, Virginia, who lives in Dayton, Ohio, has sculptures and paintings all over the country, including at the Smithsonian, the National Football Hall of Fame, and The Ohio State University. In fact, one of her sculpture is on display in Epau Abbey, Le Mans France.



Bronze Bust of Charles E. Taylor, who built the first aircraft engine for the Wright brothers.

At 60, Virginia had noticed a gradual loss of vision in her right eye and went to her local ophthalmologist. She was diagnosed with low tension glaucoma, a chronic condition which causes peripheral vision loss.

Her case was a difficult one and for the next six years she saw many specialists from the Mayo Clinic to Stanford where she met Dr. Susan Ryu.

"She looked at me and said 'Well, you really have a bad case of it.' Almost half of my sight was gone. Then she said, 'Why are you here? You've got the best doctor in the world in Columbus.'"

Dr. Ryu referred Virginia to Dr. Paul Weber at Ohio State. Twenty years later and a medical chart "six-inches thick", she knows that it was the right decision.

"I had been to many other doctors and they kinda just threw their hands up. They said they couldn't, weren't able to control it. Thank God for Dr. Weber. If it hadn't been for him, I would have been blind years ago. I can't imagine not being able to see and enjoy life."

It has not been an easy road with multiple surgeries, eye drops, and new ocular problems, but Dr. Weber was with her every step of the way.

"I've never met anyone like him, and not just a person, but of course, a doctor, like him. He is just so generous with his talents and his abilities. He is a marvelous person. He takes the time to explain and you never feel that you were being rushed. He always makes you feel like you are his most important patient. He's one of a kind."

> "Thank God for Dr. Weber. If I hadn't found him, I would have been blind years ago. I can't imagine not being able to see and enjoy life."

Now 86, she still works on her art every day and is grateful for the vision she came so close to losing.

"He is a rare human being and so encouraging, never once did I feel that I couldn't be helped by him and he was right. He did help me. I don't know how I could ever thank him."

One way that she has tried to show her appreciation is through donations to the Department to fund research to end glaucoma.

"I wish I could do more. You think about how many lives you change with any kind of donation. I'm happy to be able to make a difference."

THE OHIO STATE UNIVERSITY
HAVENER EYE INSTITUTE
915 Olentangy River Rd, Suite 5000
Columbus, Ohio 43212
www.eye.osu.edu

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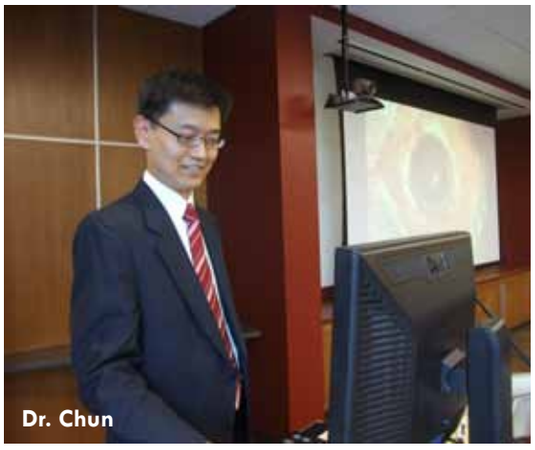
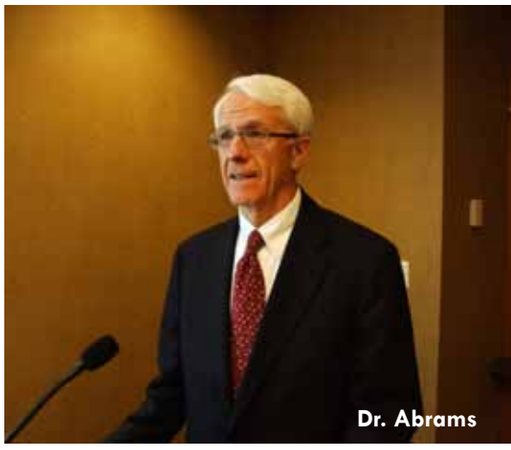
Dr. Cebulla


Dr. Chun


Dr. Abrams

NATIONALLY RENOWNED SPEAKERS AT EYE ROUNDS

Those who attended the May EyeRounds, heard talks from nationally renown speakers on the topic of Proliferative Vitreoretinopathy (PVR), a development of scar tissue after retinal detachment.

Dal Chun, MD a vitreo-retinal surgeon with the Walter Reed Army Medical Center, was the first to speak and showed video footage of some of the 200 severe PVR cases that he has treated, most from ocular and retinal trauma primarily from soldiers in battle in Iran and Afghanistan. He also showed different, innovative ways of treating patients living with such severe PVR.

"The types of cases that he shared were really humbling, when you think about how they received them while serving their country," said John Christoforidis, MD, a retina specialist who attended the meeting.

Our own, Colleen Cebulla, MD, PhD a retina specialist, was the next to speak. She has created a PVR model in chickens and was able to share her initial results and subsequent plans for this research project. Her ultimate goal is to develop an antibody to fight the development of PVR factor.

Gary Abrams, MD, Chairman of Kresge Eye Institute, spoke about the different types of PVR surgery. He advocated the use of retinectomies for advanced cases of PVR. He showed many outcomes and different clinical series that he had conducted in the past.

"All of the lectures were informative and very well-received," said Dr. Frederick Davidorf, whose Davidorf Lectureship Series supports continuing education events like EyeRounds. "We were very fortunate to have such outstanding speakers and I look forward to supporting future educational opportunities."

JOIN US FOR OUR NEXT EYEROUNDS ON APRIL 19, 2012. RSVP TO BARBARA 614-293-8760