

Message from the Chair *International Missions*

The Legacy of Dr. Luke Tupper

Dr. Luke Tupper was finally on his way to his dream of the good life as a wealthy surgeon when, suddenly, he quit several months into his plastic surgery residency, gave away his life savings and took a vow of poverty to study for the priesthood in the Franciscan Order. That was in 1963. Six years later he was assigned to the Amazon City of Santarem, Brazil and founded the Clinic of the Poor which developed into Fundacao Esperanca. This charity hospital includes training programs, clinic, laboratory, operating theater, classrooms, and living quarters and continues to serve those in need to this day.

Seeing a need for eye care he returned to the United States and was involved in his Ophthalmology residency at OSU but was tragically killed in a motorcycle accident in September 1978. What motivated Luke Tupper to walk away from all of the financial and social trappings of a successful medical practice to devote himself to the poor in South America? It could have been his memories of deprived South Americans he saw during his tour of duty on board

a Naval icebreaker heading to the South Pole between medical school and his shortlived plastic surgery residency. Whatever his motivation, the impact of his deeds has made a major and long lasting impact to the local population and the volunteers who have contributed to Esperanca.

Other alumni of the Department of Ophthalmology residency program have made an impact as international volunteers. Among these are Doctors John Pajka, David George, Jon Walker, Brian Stahl, Patrick Carroll, and Mark Drabkin. Like Luke Tupper, MD they have taken up the challenge of going where resources are scant and need is great. They are providing outstanding medical and surgical care to people that would be unable to get it otherwise. If you have done international medical missions or know of other resident alumni who have please forward the information to us as we would like to devote a section of our newsletter to these efforts. To honor the memory of Luke Tupper a plaque in the department with the names of alumni who have participated or are participating in these endeavors will be established.



Luke Tupper

Ophthalmology Outreach *Nicaragua*

In September 2005, Bob Chambers, D.O. and Tom Mauger, M.D. went to Central America to seek possible areas where the Havener Eye

Center could assist efforts already underway to improve and restore Nicaragua's National Eye Hospital in Managua. The National Eye Hospital is in great need of support as Nicaragua is the second poorest nation in the Western Hemisphere. Nicaraguans often travel for miles just for a chance to attend the clinic, which is staffed entirely by volunteer physicians. Ohio State University alumni Dr. John Pajka and Dr. David George have been lending their time and efforts to the hospital for several years, and arranged

the details of the trip with Dr. Mauger and Dr. Chambers. These alums along with another alumnus, Dr. Brian Stahl, bring their own equipment and staff to perform surgeries, and are now quite accustomed to the Nicaraguan medical community, and the issues facing the system. In

addition to their time, they have also donated thousands of dollars to upgrade the facilities.

Assisting and coordinating with the physicians was Noemi Caiazzo, a native of Peru, who acts as a liaison between the Nicaraguan Ministry of Health and mission work that comes to the country. Noemi served as a translator for lectures given by the OSU surgeons, as well as for patients seen by volunteer doctors. Noemi, who has also set up urban and rural mountain area child meal centers, recently spoke at the Havener Annual Postgraduate Symposium in Ophthalmology about opportunities in International Ophthalmology.

Aside from direct patient care, resident education is crucial for the training of young Nicaraguan doctors. While at the hospital, Dr. Mauger and Dr. Chambers discussed how they could best help address these needs and improve the conditions of The National Eye Hospital. Though discussion is ongoing, an international outreach through the OSU Medical Center is a possibility for the future.

Ophthalmology Postgraduate Symposium

March 3 - March 4, 2006

The 49th Annual Ophthalmology Postgraduate Symposium was held in the Hilton Columbus at Easton. This year's topic was Age Related Macular Degeneration (AMD). Advances in treatment and diagnosis as well as genetics were addressed at this symposium. Speakers included Michael B. Gorin, M.D., Ph.D., Tsontcho Ianchulev, M.D., M.P.H., Ronald Klein, M.D., M.P.H., Tamer H. Mahmoud, M.D., Richard Spaide, M.D. and Noemi Caizzo. This year's course director was Bob Chambers, D.O.



M.D., Richard Spaide, M.D. and Noemi Caizzo. This year's course director was Bob Chambers, D.O.

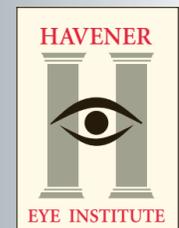
Thank you to our generous symposium sponsors this year: AMO, Alcon Laboratories, Allergan, Bausch & Lomb, Heidelberg Engineering, NIDEK, Novartis, Ophthalmic Imaging Systems, (OSI) Eyetech, Pfizer, and Trevi Technology, Inc.

2006 Ophthalmology Research Symposium

June 23, 2006

1:00-5:00pm
Magnuson Conference Room
456 West 10th Ave, 5th Floor

6:00-10:00pm
Dinner, Awards and Resident Graduation
Faculty Club
181 South Oval Drive



Spring 2006

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Las Vegas AAO Alumni Reception

November 11, 2006
5:30pm-7:30pm
Hotel location to be posted at www.eye.osu.edu
Any Questions? E-mail us at eye@osu.edu

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BuckEYE Golf Classic

Golf Course of Dublin - May 22, 2006

Come to our 1st Annual Havener Eye Institute BuckEYE Golf Classic featuring Archie Griffin, President and CEO of The Ohio State University Alumni Association. The event will be held at the Golf Club of Dublin, voted by Golf Magazine as one of the top 25 courses in the United States. The scramble format outing will begin at 11am with an open driving range and registration, followed by a Shotgun start at 1pm. Prizes include: 2 footballs signed by The Ohio State football team, several pairs of 2006 football tickets, a condo on Marco Island, Florida, and a Cadillac for the golfer who can



sink a hole in one. Proceeds from the event will fund The Department of Ophthalmology's various research interests and resident education. Tickets to play will be \$200 per player or \$700 for a



foursome. Registration forms are available on our website www.eye.osu.edu under BuckEYE Golf Classic on the Calendar. Spaces are limited and are going fast. For information about outing sponsorship opportunities, please contact Seth Rotz at (614) 293-9161 or eye@osu.edu.

Intinerary

11:00 Driving range opens
11:30 Registration begins at bag drop
12:00 Lunch and Meet Archie Griffin
1:00 Shotgun start
5:00 Dinner and Awards

CME Cruise to Alaska

Aboard *Serenade of the Seas* July 30-August 6, 2006

Set sail with The Ohio State University William H. Havener Eye Institute Department of Ophthalmology from Vancouver, British Columbia aboard the Royal Caribbean cruise ship, *Serenade of the Seas*, for 7 breathtaking days in ALASKA. Enjoy nature's pristine grandeur just as it was hundreds of years ago. It's an experience unlike any other and one you will not soon forget.



Ports of call include Juneau, Skagway, and Ketchikan. There is so much to see and do on an Alaskan vacation. Go whale watching, take the White Pass Railroad to the Yukon, pan for gold, take a helicopter ride and walk on a glacier, try sea kayaking, salmon fishing or even dogsledding!

Enjoy an outstanding continuing education program with our distinguished faculty. Earn credits in a relaxing atmosphere and in the company of friends and colleagues.

The ship sails from Vancouver, British Columbia on Sunday, July 30, 2006, and returns to Vancouver on Sunday, August 6, 2006. Call now to get onboard and experience the vacation of a lifetime! Contact Jodi Murphy at 800/856-8826 to book this cruise with us.

Itinerary

Day	Port	Arrive	Depart
Sunday	Vancouver, B.C.		5:00PM
Monday	Inside Passage (at sea)		
Tuesday	Hubbard Glacier (at sea)	1:00PM	5:00PM
Wednesday	Skagway, Alaska	7:30AM	8:00PM
Thursday	Juneau, Alaska	7:00AM	4:00PM
Friday	Ketchikan, Alaska	7:00AM	6:00PM
Saturday	Inside Passage (at sea)		
Sunday	Vancouver, B.C.	8:00AM	



Pictured above are David George, Bob Chambers, John Pajka, Tom Mauger, and Noemi Caiazzo.

Cheryl Krueger Cheryl&Co.

The Columbus Ophthalmological and Otolaryngological Society held its annual social meeting on January 9th, 2006. Cheryl Krueger, President and CEO of Cheryl&Co., spoke about the role of community involvement in the business world.



Ms. Krueger, began her company with her best friend from college Caryl Walker, and slowly built the enterprise into a national gifts and gourmet foods chain.

Ms. Krueger spoke about the direct impact cancer has had on her life, and how she has chosen to give of her time and resources to the central Ohio community and OSU. Her corporation now donates to cancer causes and Ms. Krueger sits on the James Cancer Hospital development board. Ms. Krueger related how individual doctors have had an influence on her life, and how much she appreciates the care and attentiveness her family has received at The Ohio State University Medical Center.



Ophthalmology Research Symposium

June 23, 2006

The 26th Annual Ophthalmology Research Symposium will be held June 23rd, 2006. Residents and graduate students will present their research in the Magnuson Conference Room from 1:00-5:00pm. CME will be given for attendance. Resident graduation, dinner and awards will follow from 6:00-10:00 pm at the OSU Faculty Club. For more information see website or call Trish 614-293-8117.



Faculty Club

BuckEYE Fall Forum

September 30, 2006

Join the Havener Eye Institute on September 30th in the Presidential Suite at the Ohio Stadium to watch on television the away football game between The Ohio State Buckeyes and The University of Iowa Hawkeyes. This exciting event will begin three hours prior to game time. Special guest Ed Stone, M.D., from the University of Iowa, will be speaking. CME credit will be offered.



A buffet lunch will be served following the presentations and throughout the game. All alumni and friends are invited to attend and may bring guests. West stadium parking will be provided adjacent to the Huntington Club entrance. The

afternoon time game event will be family friendly but no childcare is available. Contact 614-293-9161.

50th Annual Ophthalmology Postgraduate Symposium

"C3-Comprehensive Clinical Conundrums"

March 2-3, 2007

Hilton Easton
Thomas Mauger, M.D., Course Director

Invited Speakers:

Francis Price, M.D. – Anterior Segment
Jonathon Trobe, M.D. - Neuroophthalmology
Jay Katz, M.D. - Glaucoma
James Mims, M.D. – Pediatric Ophthalmology
Gary Abrams, M.D. – Vitreoretinal Disease
And others

Dinner Speaker: Robert L. Hamlin, DVM, PhD

"Slightly Modified, Giraffes Would Make Great Fighter Pilots and Bats, Great Cardiologists..."

Now Recruiting for these Clinical Trials

AMD CLINICAL TRIALS

VERITAS – A 24-month randomized, double-masked, sham controlled, multicenter, phase IIIB study comparing photodynamic therapy with Visudyne® (verteporfin) plus two different dose regimens of intravitreal triamcinolone acetonide (1 mg and 4mg) versus Visudyne® plus intravitreal Macugen® (pegaptanib) in patients with subfoveal choroidal neovascularization secondary to age-related macular degeneration

DIAGNOSIS: Active CNV lesions 2° AMD
THERAPY TYPES: PDT, Corticosteroid, and Anti-VEGF

SAILOR – A phase III, multicenter, randomized, double-masked, sham injection controlled study of the efficacy and safety of Lucentis (ranibizumab) in subjects with subfoveal choroidal neovascularization (CNV) with or without classic CNV secondary to age-related macular degeneration

DIAGNOSIS: Subfoveal Choroidal Neovascularization (CNV) with or without classic CNV 2° to AMD

THERAPY TYPE: Anti-VEGF

Beginning in April

Sailor Cohort II Open Label Clinical Trial- Macular Degeneration and Subfoveal Choroidal Neovascular Membranes

Eligible patients and referrals for the three trials above, contact Jill Salerno or Kathy Allen at 614-652-2617

Coming this summer

Bacterial Conjunctivitis- A study to evaluate the clinical microbial efficacy of 0.06% ISV-403 compared to vehicle in the treatment of Bacterial Conjunctivitis.

Eligible patients and referrals contact Barb Landolfi at 614-293-8126

DME CLINICAL TRIALS

DRCR TRIAMCINOLONE – A randomized trial comparing intravitreal triamcinolone acetonide and laser photocoagulation for diabetic macular edema

DIAGNOSIS: Diabetes mellitus (type I or II)

THERAPY TYPE Intravitreal corticosteroid versus Argon laser

DRCR SCATTER LASER – An observational study of the development of Diabetic Macular Edema (DME) following scatter laser photocoagulation

DIAGNOSIS: Diabetes mellitus (type I or II)

THERAPY TYPE Laser photocoagulation

DRCR SUBCLINICAL – Subclinical macular edema study

DIAGNOSIS: Diabetes mellitus (type I or II)

THERAPY TYPE OCT to measure thickness of retina

Eligible patients and referrals for the three trials above, contact Jill Milliron or Alicia Green at 614-652-2603

VEIN OCCLUSION STUDY

POSURDEX- a study to assess the safety and efficacy of 700 ug and 350 ug Dexamethasone posterior segment drug delivery system in the treatment of patients with macular edema due to BRVO or CRVO

DIAGNOSIS: BRVO or CRVO due to Macular Edema

THERAPY TYPE 700ug and 350ug intravitreal dexamethasone

Eligible patients and referrals contact Jill Milliron at 614-652-2603

Idiopathic Intracranial Hypertension(IIH) Clinical Study

Idiopathic Intracranial Hypertension (IIH), also known as Pseudotumor cerebri, is a potentially blinding disorder affecting 1 in 20,000 people. The etiology is unknown; however, it is more common among obese women of childbearing age. Even though the incidence and morbidity of IIH are increasing, the treatments remain limited.

The Department has partnered with the General Clinical Research Center at The OSU Medical Center to conduct a research study to identify factors (hormones/proteins) involved in IIH. Elucidating the mechanisms causing IIH will allow the development of more specific therapies for this disabling disease.

The OSU Medical Center is looking for patients with suspected IIH who have NOT undergone diagnostic lumbar puncture (LP) and have NOT begun any treatment for the disease. The OSU Medical Center, under the care of Steven Katz, M.D., will coordinate and pay for the initial overnight hospital stay before the radiologically-guided LP. Patients enrolled in the study will provide samples of blood and excess cerebrospinal fluid obtained from the LP.

Eligible patients will be seen on the day of contact or within several days depending on the degree of papilledema and risk of visual loss. If you have a patient that fits the following criteria, please call PRIOR to obtaining an LP or initiating treatment. Contact Steven Katz, M.D. at 614-293-6892 or page 614-730-6223

Resident Roundtable

Anterior Segment Case Presentation

A 62 year old male was followed in the Cornea clinic for 3 years for Fuch's dystrophy. His past medical history included mild cerebral palsy, fibromyalgia, and chronic headaches. The patient was complaining of decreasing vision OD interfering with his ability to work. The best corrected pre operative vision was 20/60 OD and 20/30 OS. After a complete discussion the patient decided to proceed with a corneal transplant OD.

The patient underwent an uncomplicated PK OD with an 8.25 mm transplant into an 8 mm bed. On POD #1 10% of donor epithelium remained on the donor with 2+ stromal edema. All sutures were buried with mild anterior chamber reaction. The intraocular pressure was normal to finger tension. The patient was placed on Pred Forte Vigamox qid OD, and Tobradex ointment qhs OD. Continuous patching was initiated. On POD #4 40% epithelium on the donor was present. The remainder of the clinical exam was unchanged. The Tobradex ointment was increased to qid OD and patching continued. The patient had epiphora but no pain.

On POD #8 the patient noted a right-sided headache with pain around the right eye. The patient was also developing erythema and papules along the distribution where the shield was taped. The patient stated that he had a reaction to tape in the past. On examination there was no epithelium on the donor. An anterior chamber reaction was again noted with 1+ cell and flare. Due to the change in his exam a bandage soft contact lens was placed and the Pred Forte was increased to every 2 hours OD while awake. When the patient was seen on POD #9 he was comfortable. Since his exam was unchanged, no changes were made to the treatment plan. On POD #13 the patient came in complaining of a right sided headache. The patient stated he had stopped taking Advil which had brought him relief from his headaches in the past. The exam remained unchanged and Advil was added as needed to his treatment regimen.



The patient returned on POD #15 with a severe headache. The patient stated Advil did not relieve the headache, which had been steadily increasing. The patient also felt nauseous. The bandage soft contact lens was removed; bacterial and fungal cultures were taken of the contact lens. The anterior chamber reaction was increasing with 2+ cell and flare. After the instillation of Fluorescein, one large and multiple small dendrites were noted on the bulbar conjunctiva. A small dendrite was also noted at the graft host junction; no epithelium was noted on the host cornea rim to the limbal stem cells. The diagnosis of primary Herpes Simplex Keratitis was made. Viroptic was started qid OD along with Acyclovir 400 mg five times daily. Pred Forte was reduced to qid OD and Tobradex ointment decreased to qhs. When the patient was seen on POD #16 there was no change in the symptoms or exam. Atropine was added qhs OD due to the anterior chamber reaction. Acyclovir was also increased to 800 mg five times daily.

On POD #18 the patient noted a dramatic improvement in symptoms. The headache and nausea were gone. On examination there was no staining of the bulbar conjunctiva and no dendrites were present on the cornea. The surface was improving with epithelium to the graft host junction. Due to the continued AC reaction, the Atropine was increased to tid OD.

On POD #20 and the patient had no complaints and was tolerating the medications without difficulty. The examination showed an ongoing anterior chamber reaction and the surface remained unchanged. Over the next month Acyclovir was tapered to 400 mg twice daily and Pred Forte continued four times daily. The uncorrected vision improved to 20/200. The surface was intact with all sutures buried, the stroma compact, and the anterior chamber remained quiet.

This case demonstrates an unusual presentation of Herpes Simplex Keratitis in the immediate post-operative period in an immunocompetent patient without any prior history of herpes.

Welcome

Alan Letson, MD

Dr. Letson joined the Havener Eye Institute as Professor of Clinical Ophthalmology with the Retina Division in January 2006. He will continue his focus on



Vitreoretinal Disease and serve as Medical Student Education Director. Dr. Letson graduated with a B.A. from Miami University in Oxford, Ohio and received his M.D. from the Case Western Reserve University School of Medicine in Cleveland, Ohio. Following his internship at St. Luke's in Cleveland, Dr. Letson came to The Ohio State University for his Ophthalmology residency and Retina fellowship.

Dr. Letson was board certified in ophthalmology in 1982, and has been on the OSU clinical faculty since 1982. He has been a diligent participant in resident and student education since that time. Additionally, Dr. Letson has a special interest in Diabetic Retinopathy and has taught many courses on this disease. He serves as President Elect of the Central Ohio Diabetes Association, is a board member of the State of Ohio Diabetes Medical Advisory Board, and serves on the State of Ohio Tobacco Use Prevention and Control Foundation Board.

Dr. Letson is now available to see patients in our OSU (614-293-8041) and Dublin (614-652-2600) locations.