KRESGE EYE INSTITUTE

61st Annual Clinical Conference:
Update in Clinical Ophthalmology

JUNE 10, 2016

ROBERT S. JAMPEL, M.D., PH.D. AUDITORIUM - KRESGE EYE INSTITUTE
4717 ST. ANTOINE - DETROIT, MICHIGAN
JOIN US

For 61 years Kresge Eye Institute and Wayne State University School of Medicine have hosted Clinical Conference: Update in Clinical Ophthalmology. The goal of this conference is to provide a comprehensive, integrated program designed to address the full spectrum of ophthalmic sub-specialties.
8:00-8:30 A.M.  REGISTRATION

8:30-8:35 A.M.  WELCOME AND INTRODUCTION
MARK S. JUZYCH, M.D., M.H.S.A

VITREORETINAL MODERATOR: ANU PATEL, M.D.

8:35-8:45 A.M.  ANALYSIS OF INTRAVITREAL LEVELS OF NEUROTROPHINS IN DIABETIC RETINOPATHY
JOSEPH BOSS, M.D.

8:45-8:55 A.M.  VITREOUS BIOMARKERS IN IDIOPATHIC EPIRETINAL MEMBRANE
PARISA EMAMI-NAEINI, M.D., MPH

8:55-9:05 A.M.  EXTENDED RELEASE INTRAVITREAL STEROIDS FOR DME AFTER FAILURE OF ANTI-VEGF AGENTS
DIANE FIANDER, M.D.

9:05-9:15 A.M.  LONGITUDINAL QUANTITATION OF PHOTORECEPTOR VOLUME FOLLOWING REPAIR OF MACULA-OFF RETINAL DETACHMENT
RAMSUDHA NARALA, M.D.

9:15-9:25 A.M.  VISUAL OUTCOMES FOLLOWING EARLY VERSUS DELAYED VITRECTOMY IN TERSON SYNDROME
DANIEL ST. AUBIN, M.D.
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:25-9:35 A.M.</td>
<td>THE ROLE OF STEREOPSIS AND BINOCULAR FUSION IN SURGICAL TREATMENT OF</td>
<td>MARIA CRISTINA FERNANDEZ-RUIZ, M.D.</td>
</tr>
<tr>
<td></td>
<td>INTERMITTENT EXOTROPIA</td>
<td></td>
</tr>
<tr>
<td>9:35-9:45 A.M.</td>
<td>RISK OF COMPLICATIONS AND PTOSIS RECURRENCE BY SUTURE MATERIAL IN</td>
<td>JOHN LILLVIS, M.D., PH.D.</td>
</tr>
<tr>
<td></td>
<td>PEDIATRIC FRONTALIS SLING SURGERY</td>
<td></td>
</tr>
<tr>
<td>9:45-9:55 A.M.</td>
<td>CAN WE IMPROVE VISUAL FUNCTION AFTER THE CRITICAL PERIOD IS OVER?</td>
<td>KATHRYN WINKLER, M.D.</td>
</tr>
<tr>
<td>9:55-10 A.M.</td>
<td>INTRODUCTION OF ALLEN EGHRAI, M.D.</td>
<td></td>
</tr>
<tr>
<td>10-10:35 A.M.</td>
<td>EBOLA-ASSOCIATED EYE DISEASE: FACILITATING DISCOVERY AND BUILDING</td>
<td>ALLEN EGHRAI, M.D.</td>
</tr>
<tr>
<td></td>
<td>CAPACITY</td>
<td></td>
</tr>
<tr>
<td>10:35-11 A.M.</td>
<td>BREAK</td>
<td></td>
</tr>
<tr>
<td>11-11:10 A.M.</td>
<td>SURGICAL OUTCOMES OF THE M4 VERSUS THE FP7 AHMED VALVE IMPLANT IN</td>
<td>SAYEEDA FATIMA, M.D.</td>
</tr>
<tr>
<td></td>
<td>REFRACTORY GLAUCOMA</td>
<td></td>
</tr>
<tr>
<td>11:10-11:20 A.M.</td>
<td>FLUCTUATION OF AVERAGE RETINAL NERVE FIBER LAYER THICKNESS AT</td>
<td>MAZEYAR SABOORI, M.D.</td>
</tr>
<tr>
<td></td>
<td>DIFFERENT STAGES OF STRUCTURAL DAMAGE IN EYES WITHOUT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LONGITUDINAL STRUCTURAL PROGRESSION</td>
<td></td>
</tr>
</tbody>
</table>
11:20-11:30 A.M.  ANALYSIS OF THE READABILITY OF WEBSITES RELATED TO GLAUCOMA
GILLIAN TREADWELL, M.D.

11:30-11:40 A.M.  RATES OF POSTERIOR CAPSULE OPAICATION BETWEEN HYDROPHOBIC AND HYDROPHILIC INTRAOCULAR LENSES
ELISE INT’VELD, M.D.

11:40-11:45 A.M.  INTRODUCTION OF J. MICHAEL JUMPER, M.D.

ROBERT S. JAMPEL, M.D., PH.D. LECTURESHIP

11:45 A.M.-12:20 P.M.  DRUG-RELATED TOXICITY TO THE RETINA
J. MICHAEL JUMPER, M.D.

12:20-1:20 P.M.  LUNCH

1:20-1:30 P.M.  ROBERT S. JAMPEL, M.D., PH.D. PRIZE

1:30-1:35 P.M.  INTRODUCTION OF RONALD FRENKEL, M.D., F.A.C.S., F.I.C.S., F.A.A.O.

A.D. REUDEMA NN, SR., M.D., PH.D. LECTURESHIP

1:35-2:10 P.M.  HOW DARKNESS ILLUMINATES THE PROGNOSIS OF WET AMD PATIENTS
RONALD FRENKEL, M.D., F.A.C.S., F.I.C.S., F.A.A.O.

CORNEA MODERATOR:  FRANK HWANG, M.D.

2:10-2:20 P.M.  MIR-183/96/182 CLUSTER MODULATES CORNEAL RESPONSE TO PSEUDOMONAS AERUGINOSA INFECTION THROUGH ITS REGULATION ON CORNEAL INNERVATION AND INNATE IMMUNITY
DANIEL MONTENEGRO, M.D.
2:20-2:30 P.M. MANAGEMENT OF ANTITHROMBOTIC MEDICATIONS PERI-OPERATIVELY IN OPHTHALMOLOGY
RABEEA KHAN, M.D.

2:30-3:05 P.M. RAPID FIRE DISCUSSION OF FIRST YEAR RESIDENT PHYSICIAN POSTERS

3:05-3:10 P.M. CLOSING REMARKS

FIRST YEAR RESIDENT PHYSICIAN POSTER PRESENTATIONS

IDENTIFICATION OF PSEUDOMONAS STRAINS AND THEIR RESPONSE TO TREATMENT - COLLECTED FROM CLINICAL ISOLATES IN PSEUDOMONAS KERATITIS
ALICIA EBY, M.D.

MACULAR SURGERY IN AGE-RELATED MACULAR DEGENERATION
MEGAN LAND, M.D.

MULTIFOCAL ERG CHANGES IN NUTRIOTIONAL AMBLYOPIA
HARSHAD PATEL, M.D.

THE SIGNIFICANCE OF NONSPECIFIC VISUAL FIELD DEFECTS IN GLAUCOMA SUSPECT PATIENTS
SATYESH RANA, M.D.

OUTCOMES OF INTERNAL DACRYOCYSTORHINOSTOMY IN PEDIATRIC PATIENTS
TARA SCHAAB, M.D.

DO ANTI-VEGF THERAPIES FOR AGE RELATED MACULAR DEGENERATION ACCELERATE NEURON DEATH IN GLAUCOMA?
JAMES TODARO, M.D.

EPIRETINAL MEMBRANE AFTER RETINAL DETACHMENT SURGERY
DI ZHOU, M.D.
ABOUT THE LECTURERS
ALLEN OMID EGHRAKI, M.D.

Allen O. Eghrari, M.D., is Assistant Professor of Ophthalmology at the Wilmer Eye Institute. He specializes in cornea, cataract and external eye diseases, with interest in Fuchs dystrophy, corneal transplantation, complex cataract surgery, and infectious diseases of the eye. Dr. Eghrari has particular expertise in Ebola-associated eye disease and spent several months in Liberia examining and caring for the eyes of Ebola survivors during and after the recent outbreak. Along with Rachel Bishop of the National Eye Institute, Dr. Eghrari leads the eye substudy of PREVAIL, a partnership between the National Institutes of Health and the Liberia Ministry of Health to assess sequelae of Ebola Virus Disease in up to 1500 survivors and 5000 close contacts.

Dr. Eghrari received his M.D. degree from the Johns Hopkins University School of Medicine and completed ophthalmology residency and fellowship training at the Wilmer Eye Institute. He was selected as the Alki Perroti Scholar at the Wilmer Eye Institute, and is a recipient of the Claes Dohlman Society Fellowship Award and the ARVO/Alcon Early Career Clinician-Scientist Research Award.

J. MICHAEL JUMPER, M.D.

J. Michael Jumper, M.D. is a graduate of the University of Texas Southwestern Medical School in Dallas, Texas. He completed his ophthalmology residency at the University of California, San Francisco and a vitreoretinal fellowship at Duke University. He was retina service chief at Wilford Hall Medical Center in San Antonio, Texas during his service in the United States Air Force. Dr. Jumper is currently the vitreoretinal surgery fellowship co-director at California Pacific Medical Center and a member of West Coast Retina Medical Group in San Francisco, California.

His academic appointments include Assistant Clinical Professor at the University of California, San Francisco and Assistant Professor of Surgery at the Uniformed Services University of the Health Sciences in Bethesda, Maryland. Dr. Jumper is a member of the Retina Society, the Association of Pediatric Retinal Surgeons and the American Society of Retina Specialists (ASRS). He served as editor of the annual Preferences and Trends Survey for the ASRS from 2010-2012. Dr. Jumper now serves as the editor-in-chief of the Retina Times, journal of the ASRS.

RONALD FRENKEL, M.D., F.A.C.S., F.I.C.S., F.A.A.O.

Dr. Ronald E. P. Frenkel is a Professor of Ophthalmology on the Voluntary Faculty at the world leading Bascom Palmer Eye Institute and is their only eye doctor on the Treasure Coast. He currently serves as the Director of the East Florida Eye Institute in Stuart and has been rated a Top Doctor by U.S. News and World Report and Castle Connolly. Dr. Frenkel is the only Treasure Coast based ophthalmologist to ever receive the Achievement Award from the American Academy of Ophthalmology. He was honored with an ophthalmology fellowship at Harvard Medical School in 1989 and is known for his expertise in the fields of macular degeneration, diabetic retinopathy, glaucoma, and cataract surgery.

Dr. Frenkel has spoken at over 100 medical meetings, published over 80 peer reviewed manuscripts/abstracts, and has been a Principal Investigator in numerous Clinical Trials that have brought wonderful new treatments to patients in the fields of Diabetic Retinopathy, Macular Degeneration, Glaucoma, and post-cataract surgery. His charity work includes giving eye exams through the Volunteers in Medicine Clinic, The Eye Care America Project, and working as a member of the Florida Reserve Medical Corp Network. He mentors and trains eye doctors who serve as fellows in subspecialty retina and glaucoma at East Florida Eye Institute.
ABOUT THE LECTURESHIPS
Dr. Netzel received both his undergraduate and medical degrees from the University of Michigan, finishing the latter in 1954. Following his internship at the University of Oregon he served in the United States Army for two years in Germany. After completing his service obligations he entered his residency in ophthalmology at Kresge Eye Institute under A.D. Ruedemann, Sr. and completed the requirements in 1959. Dr. Netzel then entered private practice in Pontiac, Michigan where he practiced until 2006.

It was during his residency that he met Dr. Gordon R.A. Fishman and the two would become lifelong friends, often assisting each other in surgery. It was because of their friendship that Dr. Fishman established this memorial endowed lectureship in Dr. Netzel’s name.

Dr. Netzel remained the veritable student during his entire practice life, incorporating every new modality and amenity in ophthalmology. His patients benefited from his concern to remain current. He believed it was the duty of every ophthalmologist to remain up to date for the sake of the esteem of the science of ophthalmology and for the respect of his patients. Dr. Netzel will best be remembered as a great humanitarian, treating patients with disease rather than treating disease in patients. Every patient was considered an individual, often addressing each by their first name and often making post-op house calls when they did not have the means of coming to the office. Dr. Netzel will remain as an icon to personal service in the field of ophthalmology, which has sometimes become commercialized in the world of fast-paced modern medicine.
A.D. RUEDEMANN, SR., M.D., PH.D.

MEMORIAL LECTURESHIP

Dr. Ruedemann played a key role in the organization of Kresge Eye Institute, which was incorporated November 22, 1948, “for the purpose of conducting science to improve the status of eye care…” Dr. Ruedemann was the first director of Kresge Eye Institute, serving until 1967. The activities of the institute were expanded in 1951 under his direction to include the ocular biochemistry and biophysics, orthoptics, and ophthalmology residency programs. Dr. Ruedemann served as president of the American Academy of Ophthalmology in 1963; as secretary for instruction, 1938-61, and as secretary for public relations, 1964-67. In addition, he was Chairman of the Section of Ophthalmology of the American Medical Association, and President of the American Society of Ophthalmologic and Otolaryngologic Allergy. Dr. Ruedemann was a “giant” in ophthalmology, respected by his colleagues and beloved by those he trained. The A.D. Ruedemann, Sr., M.D. Memorial Lectureship was founded in honor of Dr. Ruedemann’s place in the history of Kresge Eye Institute and ophthalmology in Metropolitan Detroit.

ROBERT S. JAMPEL, M.D., PH.D. LECTURESHIP

Dr. Jampel chaired the department of ophthalmology at Wayne State University School of Medicine from 1970 until 1994. He unified four separate residency programs at Detroit General, Harper, Grace and Children’s Hospitals as a central entity, creating a role model for other institutions to emulate in terms of efficiency and quality patient care. During his tenure, Kresge Eye Institute’s tremendous growth led to being relocated twice. Dr. Jampel recruited outstanding clinical faculty and full-time research scientists to the institute. With members specializing in cataract, cornea and external disease, glaucoma, oculoplastic and reconstructive surgery, retina and neuro-ophthalmology, Kresge Eye Institute became a major referral center.
ABOUT THE PROGRAM
LEARNING OBJECTIVES
The Clinical Conference will provide attendees with knowledge about a variety of research and clinical topics as well as treatment options. Attending doctors and allied health personnel will gain knowledge in diagnosis and treatment of clinical conditions and will learn about the clinical content, clinical applicability, and standard methods of clinical research.

Upon completion of this program attendees will be able to:

- Articulate the role of neurotrophins in Diabetic Retinopathy
- Classify the vitreous biomarkers in Idiopathic Retinal Membranes
- Use of all extended release intravitreal steroid agents used at KEI for DME after anti-VEGF agents have failed
- Relate the loss of photoreceptor volume and final visual acuity following Macula-Off Retinal Reattachment procedures
- Evaluate the role of binocular fusion in the treatment of Intermittent Exotropia
- Assess the impact of suture materials in Pediatric Frontalis sling surgical procedures
- Classify the ocular effects of Ebola eye disease
- Categorize the surgical outcomes of different Ahmed valves in refractory Glaucoma patients
- Diagnose the average nerve fiber layer thickness volatility in non-progressive Glaucoma patients
- Recommend intraocular lens choices based on posterior capsule opacification incidents
- Differentiate mechanism of retinal drug toxicity
- Discriminate prognostic factors in Wet Age-Related Macular Degeneration
- Implement management strategies of preoperative patients on anti-thrombolic agents
- Recognize effects of corneal innervation and innate immunity on corneal responses to pseudomonas aeruginosa infections

TARGET AUDIENCE
This program is directed to practicing ophthalmologists, ophthalmologists in training, and interested technical personnel.

ACCREDITATION STATEMENT
The Wayne State University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Wayne State University School of Medicine designates this live activity for a maximum of 5.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
REGISTRATION
Advance Registration is requested by Monday, June 6, 2016. Please complete the registration form and return to Kresge Eye Institute.

CONFERENCE FEE
No registration fee is required. Voluntary contributions will go toward resident education. For additional information, please call 313.577.8907. or email dleone@med.wayne.edu

CONFERENCE LOCATION
Robert S. Jampel, M.D., Ph.D., Auditorium
Kresge Eye Institute
4717 St. Antoine, Detroit, Michigan

PROGRAM PLANNING COMMITTEE
Mark S. Juzych, M.D., M.H.S.A.
The David Barsky, M.D. Endowed Chair
Professor and Chairman
Department of Ophthalmology
Wayne State University School of Medicine
Director, Kresge Eye Institute

Mark L. McDermott, M.D., MBA, CPE
Professor, Department of Ophthalmology
Kresge Eye Institute
Wayne State University School of Medicine
Detroit Medical Center
CME & Residency Program Director Kresge Eye Institute

KRESGE EYE INSTITUTE PHYSICIAN FACULTY
Gary W. Abrams, M.D.
Reecha Bahl, M.D.
Evan H. Black, M.D.
Ruth Boyman, M.D.
Christopher J. Cheyer, M.D.
Marshall Cyrlin, M.D.
Raymond S. Dixon, M.D.
Kamal Fahim, M.D.
Robert N. Frank, M.D.
Conrad L. Giles, M.D.
Anju Goyal, M.D.

Charlotte Hartzell, M.D.
Bret A. Hughes, M.D.
Frank Hwang, M.D.
Mark S. Juzych, M.D., M.H.S.A.
Johnstone Kim, M.D.
Victoria L. Landolt, D.O.
William R. Lucas, Jr., M.D.
Mark L. McDermott, M.D., MBA, CPE
Patrick L. Murphy, M.D.
Anu Patel, M.D.
John M. Ramocki, M.D.

Allan Rinke, M.D.
Rajiv Shah, M.D.
Michael Siegel, M.D.
Aman Shukairy, M.D.
Gabriel Sosne, M.D.
John R. Suchomel, M.D.
Ronald Swendris, M.D.
Justin Tannir, M.D.
Asheesh Tewari, M.D.
Robert L. Tomsak, M.D., Ph.D.
M. Roy Wilson, M.D., M.S.
**CONFERENCE REGISTRATION**

<table>
<thead>
<tr>
<th>Name(s)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Address</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>City</th>
<th>State</th>
<th>Zip</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Phone</th>
<th>Email</th>
<th>Fax</th>
</tr>
</thead>
</table>

**PLEASE REGISTER IN ADVANCE BY MONDAY, JUNE 6, 2016**

---

**REGISTER BY MAIL**

61st Annual Clinical Conference  
Kresge Eye Institute  
ATTN: Danielle Leone  
4717 St. Antoine  
Detroit, MI 48201

**REGISTER ONLINE**

https://kresgeeye.org/about/upcoming-events/

---

**FOR MORE INFORMATION**

contact Danielle Leone at  
**313.577.8907** or via email at  
**dleone@med.wayne.edu**
61ST ANNUAL CLINICAL CONFERENCE:
UPDATE IN CLINICAL OPHTHALMOLOGY

JOIN US | JUNE 10, 2016

DAVID BARSKY, M.D.
RESIDENT RESEARCH PRESENTATIONS
Kresge Eye Institute Ophthalmology Residents

ROBERT S. JAMPEL, M.D., PH.D. LECTURESHP
J. MICHAEL JUMPER, M.D.
Vitreoretinal Surgery Fellowship Co-Director
California Pacific Medical Center
Assistant Clinical Professor
University of California, San Francisco
Assistant Professor of Surgery
Uniformed Services University of the Health Sciences
Bethesda, Maryland.
West Coast Retina Medical Group

ROBERT J. NETZEL, M.D. LECTURESHP
ALLEN EGHARI, M.D.
Assistant Professor of Ophthalmology, Wilmer Eye Institute
Johns Hopkins University School of Medicine

A.D. RUEDEMANN, SR., M.D., PH.D. LECTURESHP
Voluntary Professor of Ophthalmology at the Bascom Palmer Eye Institute and University of Miami School of Medicine