2016 NAEPS Fall Scientific Meeting
and 17th Annual Continuing Education Symposium for Ophthalmic Medical Personnel

Friday and Saturday, September 23-24, 2016
Doubletree Hotel / 1616 Dodge Street / Omaha
Target Audience

This program is designed for practicing ophthalmologists working in comprehensive and specialized practices as well as ophthalmology residents and fellows.

Purpose Statement

This one and one half day meeting is designed to present the latest developments in ophthalmic disorders and their management. It will include a wide range of topics relevant to clinical care and thus enable ophthalmologists to maintain or improve the knowledge, skills and professional performance needed to provide the best possible medical and surgical eye care for their patients.

Education Credits

CATEGOR Y 1

Bryan Continuing Education designates this live activity for a maximum of 10.00 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAPA accepts AMA category 1 credit for the PRA from organizations accredited by ACCME.

ACCREDITATION STATEMENT:

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Nebraska Medical Association (NMA) through the joint providership of Bryan Health and Nebraska Academy of Eye Physicians and Surgeons. Bryan Health is accredited by the NMA to provide continuing medical education for physicians.

Course Outline

Friday, September 23, 2016

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<th>Time</th>
<th>Activity</th>
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<tr>
<td>7:00 am – 8:00 am</td>
<td>Registration, Continental Breakfast &amp; Visit Exhibits</td>
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<tr>
<td>8:00 am – 8:15 am</td>
<td>Welcome &amp; Program Overview</td>
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<td>Michael Feilmeier, MD NAEPS President</td>
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<td>8:15 am – 9:00 am</td>
<td>Headache and the Ophthalmologist</td>
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<td>Peter Quiros, MD</td>
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<td>University of California, Los Angeles</td>
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<td>9:00 am – 9:45 am</td>
<td>The Sky is the limit….or is it? New understandings of the Glaucoma and Space Travel</td>
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<td>John Berdahl, MD</td>
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<td>9:45 am – 10:15 am</td>
<td>Break &amp; Visit Exhibits</td>
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<td>The Idiopathic Intracranial Hypertension Treatment Trial: Results and Implications</td>
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<td>11:00 am – 11:45 am</td>
<td>The Next 5 Years: Cataract Surgery, Drug Delivery, and Surprising technologies</td>
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<tr>
<td>11:45 am – 12:45 pm</td>
<td>Lunch</td>
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<tr>
<td>12:45 pm – 1:45 pm</td>
<td>NAEPS Business Meeting with Exhibits</td>
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## Course Outline

### Friday, September 23, 2016  (continued)

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<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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</table>
| 1:45 pm – 2:30 pm | Use of OCT in Glaucoma Diagnosis and Management                                           | **Sanjay Asrani, MD**  
*Duke University, Durham North Carolina* |
| 2:30 pm – 3:15 pm | How Stockholm Changed My Approach To Orbital Tumors                                        | **Richard Allen, MD**  
*MD Anderson Cancer Center, Houston Texas* |
| 3:15 pm – 3:45 pm | Break & Visit Exhibits                                                                     |                                                                                                 |
| 3:45 pm – 4:30 pm | Narrow Angles; The Missed Epidemic Of Glaucoma                                             | **Sanjay Asrani, MD**  
*Duke University, Durham North Carolina* |
| 4:30 pm – 5:15 pm | Navigating The Maze Of Periorbital Edema                                                    | **Richard Allen, MD**  
*MD Anderson Cancer Center, Houston Texas* |
| 5:15 pm         | Evaluation & Adjournment Day One                                                            |                                                                                                 |
| 5:30 pm         | NAEPS Cocktail Networking Reception                                                         |                                                                                                 |

### Saturday, September 24, 2016

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| 8:00 am – 8:15 am | Welcome & Program Overview                                                                | **Thomas A. Graul, MD**  
*NAEPS Program Chair* |
| 8:15 am – 9:00 am | Ophthalmology Through the Cornea: Lessons I have Learned                                  | **Mark Mannis, MD**  
*UC Davis Eye Center, University of California* |
| 9:00 am – 9:45 am | Protocols S & T: A Review                                                                 | **Matt Appenzeller, MD**  
*Midwest Eye Care, Omaha NE* |
| 9:45 am – 10:15 am | Break & Visit Exhibits                                                                     |                                                                                                 |
| 10:15 am – 11:00 am | Bacterial Keratitis: Managing Corneal Ulcers in 2016                                       | **Mark Mannis, MD**  
*UC Davis Eye Center, University of California* |
| 11:00 am – 11:45 am | Plaquenil and the Eye. Current Thinking                                                     | **Matt Appenzeller, MD**  
*Midwest Eye Care, Omaha NE* |
| 11:45 am – 12:00 pm | Q&A                                                                                       |                                                                                                 |
| 12:00 pm        | Evaluation & Adjournment Day Two                                                           |                                                                                                 |
Richard Allen, MD

Dr. Allen is a Professor in the Section of Ophthalmology, Dept. of Head and Neck Surgery, at MD Anderson Cancer Center in Houston. After graduating from Duke University, he was accepted into the MD/PhD program at Baylor College of Medicine where he attained a PhD in Human and Molecular Genetics. After finishing a residency in ophthalmology at the University of Iowa, Dr. Allen practiced comprehensive ophthalmology for 4 years and was Chief of the Ophthalmology Service at Ben Taub General Hospital in Houston. He then completed a fellowship in oculoplastic surgery at the University of Iowa, and was in private practice for 3 years in New Mexico.

Dr. Allen returned to the University of Iowa in 2009 as an Associate Professor, and recently returned to Houston in 2015.

Dr. Allen is a member of the American Society of Ophthalmic Plastic and Reconstructive Surgery, the Orbital Society, and the American Eye Study Club. His surgical video atlas, freely available at www.oculosurg.com, is recognized worldwide for education in oculoplastic surgery. He publishes widely and lives in Houston with his wife Missy, son Gus, and daughter Astrid.

Presentation 1: “How Stockholm Changed My Approach To Orbital Tumors”

Learner Objectives

> Recite the history of fine-needle aspiration biopsy in the management of orbital tumors.
> Diagram the indications for fine-needle aspiration biopsy in the management of orbital tumors.
> Critique the Swedish health care system and its delivery of care.

Presentation 2: “Navigating The Maze Of Periorbital Edema”

Learner Objectives

> Recognize the differences between inflammatory and non-inflammatory periorbital edema.
> List the differential diagnosis of periorbital edema.
> Recite the work up of patients with periorbital edema.

Matt Appenzeller, MD

Dr. Appenzeller is a specialist in medical and surgical treatment of the vitreous, retina, diabetic eye diseases and cataracts.

A native of South Carolina, Dr. Appenzeller received his bachelor's degree in biology and dramatic art at the University of North Carolina at Chapel Hill. After graduation, he was accepted into Teach for America, and he taught eight- and ninth-grade science in rural Louisiana for two years. It was during his time in the student clinic that he realized an appreciation for medicine, and he decided to leave teaching and enter medical school.

Dr. Appenzeller returned to South Carolina to attend the Medical University of South Carolina. He completed a one-year internship in internal medicine and a three-year residency in ophthalmology at the University of Cincinnati. Dr. Appenzeller completed his formal medical training with a fellowship in Vitreo-retinal surgery and medicine at the Cincinnati Eye Institute.

After his fellowship program, Dr. Appenzeller moved to North Carolina to practice at Alamance Eye Center from 2010 to 2015. During that time, his wife began studies for a PhD in Early Childhood Development and Deaf Education. Upon approaching completion of her degree, the couple began searching for a city that would provide a professional home for both of them. Dr. Appenzeller and his family are very excited to move to Omaha.

Dr. Appenzeller is Board Certified in Ophthalmology and is a member of the American Academy of Ophthalmology and the American Society of Retina Specialists.

Presentation 1: “Protocols S & T: A Review”

Learner Objectives

> Discuss the findings of protocol S
> Discuss the finding of protocol T
> Apply and/or organize treatment plans using protocols S & T

Presentation 2: “Plaquenil and the Eye. Current Thinking”

Learner Objectives

> Identify risk factors for plaquenil retinal toxicity
> Examine testing methods and findings in Retinal Toxicity
> Evaluate and Assign risk to patients and formulate management
Sanjay Asrani, MD

Dr. Asrani is Professor of Ophthalmology at Duke University and serves as Director of the Duke Eye Center at Cary and the Duke Glaucoma OCT Reading Center.

Dr. Asrani is the recipient of numerous awards, including the Career Development Award from Research to Prevent Blindness, Inc, the Helen Keller Scientist Award from the American Glaucoma Society, the Ocular Innovation Award from Duke University in 2014 and, the Achievement Award and the Secretariat Award from the American Academy of Ophthalmology.

Dr. Asrani has over 70 peer reviewed publications and serves on the editorial board of EyeNet and Ophthalmology and Therapeutics. He actively pursues research on pressure fluctuations, new devices and drugs for glaucoma treatment, drug delivery and new imaging modalities for glaucoma.

Presentation 1: “Use of OCT in Glaucoma Diagnosis and Management”

Learner Objectives
> Identify techniques for day to day use in diagnosis and follow up of glaucoma
> Identify pitfalls in OCT interpretation
> Identify masqueraders of glaucoma by pattern recognition

Presentation 2: “Narrow Angles; The Missed Epidemic Of Glaucoma”

Learner Objectives
> Learn the correct technique of gonioscopy
> Learn about the different types of glaucoma and their presentations
> Learn about management of narrow angles

John Berdahl, MD

John Berdahl, MD, is a partner at Vance Thompson Vision in Sioux Falls, SD where he specializes in advanced Refractive, Cataract, Corneal and Glaucoma Surgery. Dr. Berdahl serves on the Vision for Mars program and started a medical device company to help treat glaucoma and other diseases caused by an imbalance between intraocular pressure and intracranial pressure. His research interests include Cerebrospinal Fluid Pressure in Glaucoma, Minimally Invasive Glaucoma Surgery, Refractive Laser Assisted Cataract Surgery (ReLACS), Intraocular Lens Design and drug delivery, and he has published numerous book chapters and peer-reviewed articles. His commitment to those in need is demonstrated by his leadership role in EyeCare America and the numerous surgical mission trips he continues to participate in worldwide.

After graduating from Mayo Medical School, Dr. Berdahl completed his internship at the Mayo Clinic in Scottsdale, AZ and his residency at Duke University. He then went on the complete an anterior segment fellowship at Minnesota Eye Consultants. He has won numerous national awards including the Claes Dohlman Award from Harvard University and the Resident Writers Award. In 2013 he was named the top young physician in South Dakota and was recently name one of the top 40 under 40 ophthalmologists worldwide.

Presentation 1: “The Sky Is The Limit... Or Is It? New understandings of Glaucoma and Space Travel”

Learner Objectives
> Question the underlying assumptions we have made about glaucoma
> Propose new mechanisms of disease
> Introduce new treatment options to help patients on earth…and perhaps even beyond.

Presentation 2: “The Next 5 years: Cataract Surgery, Drug Delivery, and Surprising technologies”

Learner Objectives
> Describe key aspects of corneal and cataract surgery management
> Recognize new agents in the pipeline and off label indications for emerging agents
Mark Mannis, MD

Dr. Mannis, Professor and Chair of the UC Davis Eye Center, specializes in corneal transplantation and external diseases of the eye. His research has included development of antimicrobial agents and growth factors that affect the corneal wound healing, skin diseases that affect the eye, visual rehabilitation after corneal transplantation and the artificial cornea. Dr. Mannis has authored over 130 publications and six books on topics relating to corneal surgery and disease.

Presentation 1: “Ophthalmology Through the Cornea: Lessons I have Learned”

Learner Objectives
> Recognize entities in corneal disease to the different specialties in ophthalmology
> Describe red flags in patients with complications
> Recognize the learning curve as a barrier to complication

Presentation 2: “Bacterial Keratitis: Managing Corneal Ulcers in 2016”

Learner Objectives
> Describe work-up and initial management of a corneal ulcer.
> Gauge the healing of a corneal ulcer and know when a referral is needed.
> Describe surgical options that a corneal specialist may offer.

Peter Quiros, MD

Dr. Quiros obtained his MD from The Yale University school of medicine. He trained at the Los Angeles County Hospital/University of Southern California residency training program and then proceeded to complete his neuro-opthalmology fellowship at the Doheny Eye Institute.

Dr. Quiros was on the faculty at the University of Southern California for over a decade, where he was the residency program director. He is currently associate professor at the University of California, Los Angeles and director of the neuro-opthalmology fellowship program as well as chief of service for Neuro-opthalmology, orbit and oculoplastics for Doheny Eye Centers-UCLA. As well as the UCLA director of NORDIC (Neuro-opthalmology Research Disease Investigators Consortium).

He served as Associate Secretary, English-language Region for the Pan-American Association of Ophthalmology (PAAO) from 2005 -2011 and Vice-President of the organization from 2011-2013.

He is currently on the executive board of directors of the North American Neuro-ophthalmology Society as Secretary for the organization.

He has been working with the PAAO and International Council of Ophthalmology (ICO) to improve the quality of residency education through the Educating the Educators teaching program. He is currently the Director of Curricula and Expectations for Residency Programs for the International Council of Ophthalmology.

Presentation 1: “Headache and the Ophthalmologist”

Learner Objectives
> Describe the ICHD-3B criteria for migraine and other primary headaches
> Recognize common signs and symptoms of migraine and other primary headaches
> Describe Red flags in patients with headache

Presentation 2: “The Idiopathic Intracranial Hypertension Treatment Trial: Results and Implications”

Learner Objectives
> Review the diagnostic criteria for IIH
> Discuss the results of the IIHTT
> Describe treatment strategies for IIH
Accommodations

The 2016 NAEPS Fall Scientific Meeting & 17th Annual Continuing Education Symposium for Ophthalmic Medical Personnel will be held at the Double Tree Hotel, 1616 Dodge Street in Downtown Omaha, Nebraska.

A block of rooms have been reserved for September 22, 2016 – September 24, 2016. The special room rate will be available until August 25th or until the group block is sold-out, whichever comes first. To reserve a room at the special rate of $119 for single or double occupancy. Call: 1-402-346-7600 and reference:

Group Name: NAEPS 2016
Group Code: NEP

Cocktail Reception
A FREE cocktail networking reception will be held Friday evening directly following the day’s events.

Parking
COMPLIMENTARY PARKING will be offered to all 2016 meeting participants who park in the attached parking located to the east of the hotel entrance doors.

Physician Registration

> A Separate Form is Required for Each Meeting Registrant
> Registration Materials for the Ophthalmic Medical Personnel Conference will be mailed separately.

Name (First, Last)_______________________________________________

Practice Name_________________________________________________

Degree________________________________________________________

Email __________________________ Phone ( ) _______________________

Address _______________________________________________________

City __________________________ State ________________ Zip Code ______

Tuition

- NAEPS Member Physician $260 __________
- Member of Other State Society $325 __________
- List ________________________________
- Non-Members $425 __________
- Residents $90 __________
- Students $70 __________

TOTAL __________

Add $10 for registration after September 12, 2016
Add $25 for registration at the meeting

Tuition includes course materials, complimentary parking in the Hotel Parking garage, continental breakfast and breaks on Friday and Saturday, lunch Friday, cocktails and hors d’oeuvres at the reception on Friday.

Cancellations more than 10 working days before the meeting will be fully refunded.
Cancellations thereafter will be subject to a $100.00 per person administrative fee.
Registrants who do not cancel prior to the meeting date are liable for the entire registration fee.

Dietary Restrictions (Please list any food allergies or dietary restrictions)

Disability Accommodations (Please list accommodations needed)

Method of Payment: □ Check Enclosed □ Visa □ MasterCard □ AmEx □ Discover

Card Number __________________________ Expiration Date ______ CVV # __________

Questions?

Contact Sarah Dunbar, NAEPS Executive Director, at 800.684.9380 or sarahd@nebmed.org

Register online at www.nebeye.org
The Nebraska Academy of Eye Physicians and Surgeons wishes to thank the following financial supporters for their generous contributions to the 2016 Fall Scientific Meeting:

- Allergan
- Copic
- Alcon
- Carl Zeiss Meditec
- Coalition of Vision Resources
- COPIC
- Diopsys
- EyeMD EMR Health Systems
- Imprimis
- Optos
- Optovue
- Precision Lens
- Surgical Direct

Please respond by September 12, 2016