**Summer Symposium**  
**July 11-14, 2019**  
St Regis Hotel · Deer Valley, Utah

**Program Chair:**  
Steven J Dell, MD  
William Trattler, MD

**Program Committee:**  
Robert Cionni, MD  
Sumitra Khandelwal, MD  
William Link, PhD  
Stephen Slade, MD  
George Waring IV, MD  
Robert Weinstock, MD  
William Wiley, MD  
Blake Williamson, MD

**THURSDAY, JULY 11**

1:00 pm  **Lunch Reception (Astor Ballroom, Pre-function Area)**

2:00  Opening Remarks  
Steven Dell, MD and William Trattler, MD

**Opening Session: Hot Topics!**  
**Moderators:**  
Steven Dell, MD and Stephen Slade, MD

2:10  AECOS Update  
William Trattler, MD

2:20  **Keynote:** Stay One Step Ahead of the Popo  
2:35  Discussion  
Paul Fishman, JD

2:40  Stock your Doomsday Bunker Now?  
2:55  Discussion  
Jeffrey Kimbell

3:00  **Industry Panel:**  
**Moderator:**  
William Link, PhD  
**Panel:**  
Andrew Chang, Jag Dosanjh, Tom Frinzi, Michael Onuscheck, Calvin Roberts, MD

3:40  How to set up an MD Fellowship/OD Residency in Private Practice  
(Step by Step guide. Mistakes we made. Benefits. Risks. Legal issues.)  
William Wiley, MD

3:50  **Discussants:**  
Mitchell Jackson MD, Richard Lindstrom MD, Alan Reider Esq,  
Steven Vold MD, Robert Weinstock MD
Should Refractive and/or Refractive Cataract be a Separate Sub-Specialty?

Chuck Williamson, MD

Discussants: John Doane MD, Richard Lindstrom MD, Robert Maloney MD, Priyanka Sood MD, William Wiley MD, Blake Williamson MD

Session 2: Case Presentations (15 min case presentations/discussions)

Moderators: George Waring IV, MD and Blake Williamson, MD

Case 1: Cataract patient with EBMD and mild irregular astigmatism. OK for refractive IOL?

John Doane, MD

Discussants: Richard Davidson MD, Alan Faulkner MD, Phillip Hoopes, Jr MD, Beeran Meghpara MD, William Trattler MD

Case 2: Cataract patient with MGD wants premium lens. New technology to optimize the ocular surface prior to surgery

Marguerite McDonald, MD

Discussants: Richard Lindstrom MD, Jennifer Loh MD, Erik Mertens MD, Marian Macsai MD

Case 3: 80+ year old cataract patient is worried about remembering to take postoperative drops

Sheri Rowen, MD

Discussants: Kenneth Beckman MD, Damien Goldberg MD, Yuri McKee MD, Keith Walter MD

Cataract Case 1: Patient wants a multi focal lens but has massive vitreous floaters

Inder Paul Singh, MD

Discussants: Gary Foster MD, Jamie Monroe MD, Karolinne Rocha MD, Bennett Walton MD

Cataract Case 2: 4+ White Cataract: Tools and technologies for optimizing surgery

Audrey Talley Rostov, MD

Discussants: Richard Davidson MD, James Lewis MD, Matteo Piovella MD, Rajesh Rajpal MD, Dee Stephenson MD, Darcy Wolsey MD

Cataract Case 3: Monocular patient with moderate cataract; lost fellow eye to endophthalmitis following cataract surgery

Mark Kontos, MD

Discussants: James Loden MD, Robert Maloney MD, Stephen Slade MD, Priyanka Sood MD

AECOS Adjourns

6:00 - 9:00 pm AECOS Exhibitors Reception (Astor Terrace)
FRIDAY, JULY 12

06:00  Breakfast with the Experts (Astor Terrace)

07:00  Session 3: Call your Attending - Fellows with Tough Cases

**Moderators:** Sumitra Khandelwal, MD and George Waring IV, MD

**Discussants:** Beeran Meghpara MD, Karolinne Rocha MD, Jonathan Solomon MD, Henry Trattler MD, Robert Weinstock MD

This Was the Toughest Case of My Fellowship  *(5 min to present, 10 min to discuss)*

Case 1: Larissa Gouvea, MD

Case 2: Sami Karim, MD

Case 3: Bradley O’Neill, DO

Case 4: Matthew Shulman, MD

**Session 4: Challenging Cases - IOL Selections**

**Moderators:** William Trattler, MD and Robert Weinstock, MD

08:00  Case 1: Previous myopic LASIK patient: Would like reduced need for glasses postop? Which technologies can work best?  

**Discussants:** Kenneth Beckman MD, Phillip Hoopes Jr MD, Jennifer Loh MD, Stephen Slade MD  

08:15  Case 2: Lotto winner wants the best IOL available anywhere in the world. Where should they go?  

**Discussants:** Richard Lindstrom MD, Erik Mertens MD, Matteo Piovella MD, Sheri Rowen MD  

08:30  Case 3: Presbyopic IOL patient reports significant glare and reports difficulty with night driving. They do not want more surgery, but want a refund. What can/should I do?  

**Discussants:** John Doane MD, James Loden MD, Marguerite McDonald MD, Allison Shuren Esq

**Session 5: MIGs Case Presentations**

**Moderators:** Inder Paul Singh, MD and Steven Vold, MD

08:45  Case 1: Glaucoma patient well-controlled on two meds seeks cataract surgery  

**Discussants:** Gary Foster MD, Jonathan Solomon MD, Priyanka Sood MD, William Wiley MD
09:00  **Case 2:**  Trouble shooting MIGs patient with elevated IOP postop  
       **Discussants:** Shamik Bafna MD, Mitchell Jackson MD, James Lewis MD, Keith Walter MD

09:15  **Case 3:**  Pseudophakic glaucoma patient with mild glaucoma, progressing on meds. What MIGs procedure should be first line?  
       **Discussants:** Damien Goldberg MD, Cathleen McCabe MD, Carlos Martinez MD, Jai Parekh MD, MBA

09:30  **Break**

**Session 6: Complex Cataract Cases** (100% video, no slides, 10 min ea including discussion)

**Moderators:** Steven Dell, MD and Mark Kontos, MD

10:00  A Critical Analysis of CTR Insertion and the Suture-Guided CTR Technique  
       **Tim Page, MD**

10:07  Discussion

10:10  Visco Discussion: How Do You Handle the Last Steps of a Posterior Polar?  
       **Bennett Walton, MD**

10:17  Discussion

10:20  Repairing a Complex IFIS Case with a Prosthetic Iris  
       **Karolinne Rocha, MD**

10:27  Discussion

10:30  Pars Plana Vitrectomy for the Anterior Segment Surgeon. 10 Simple Tricks and Pearls (in less than 5 minutes)  
       **Kendall Donaldson, MD**

10:37  Discussion

10:40  Opacified IOL Exchange After Two DSAEK Procedures and Open Posterior Capsule  
       **Tim Page, MD**

10:47  Discussion

10:50  The Pupil Contracts Instead of Dilates; Now What Do You Do?  
       **Marian Macsai, MD**

10:57  Discussion

11:00  Management of Wound Burn During Phaco  
       **Robert Maloney, MD**

11:07  Discussion

11:10  Sulcus Based Bicapsular Optic Capture – A Technique for Eliminating PCO  
       **Cathleen McCabe, MD**

11:17  Discussion

11:20  Staged Treatment of Fuchs + Cataract. Do the DMEK First  
       **Beeran Meghpara, MD**

11:27  Discussion

11:30  Decentered IOL in a Patient That is Still 20/20  
       **Dee Stephenson, MD**

11:37  Discussion
11:40 Femto in Contraindicated Cases: Corneal Opacities and Corneal Implants Jared Younger, MD
11:47 Discussion

11:50 Management of challenging IOL case: PC opening, vitrectomy and sulcus placement Matteo Piovella, MD
11:57 Discussion

12:00 Adjourn

12:15 - Lunchtime Promotional Symposium: (Astor Ballroom; Streamed LIVE) 1:00 pm “KOL Discussion: Early Experience with OXERVATE”
Faculty: Sumitra Khandelwal, MD and Marguerite McDonald, MD
Brought to you by Dompé
Register at: http://avenue.live/dompe (if not attending the Deer Valley meeting)

5:00 - AECOS Special Symposium:
7:00 pm “Avoiding Regulatory and Risk Management Landmines: The Fundamentals of Fraud and Abuse for Today’s Ophthalmologist” (Streamed LIVE from the Astor Ballroom. Refreshments at 4:45 pm)
Faculty: Alan Reider, Esq Allison Shuren, Esq
Brought to you by Paris-Kirwan Associates, Inc.
Register at: http://avenue.live/risk-management (if not attending the Deer Valley meeting)

SATURDAY, JULY 13
06:00 Breakfast with the Experts (Astor Terrace)

Session 7: Practice Impossible! (20 min case presentations/discussions)
Moderators: Steven Dell, MD, Stephen Slade, MD and Chuck Williamson Jr, MBA

07:00 Case 1: How do you handle a technology that flunks the real world test? How do you handle a product recall? What are your options? William Wiley, MD

Discussants: Shamik Bafna MD, Alan Faulkner MD, Ron Kurtz MD, Inder Paul Singh MD, Blake Williamson MD

07:20 Case 2: FDA Approvals: Why do some products/innovations that achieve FDA approval not necessarily succeed in practice? How can we make it better? Richard Lindstrom, MD

Discussants: Kendall Donaldson MD, Sumitra Khandelwal MD, Marguerite McDonald MD, William Trattler MD, John Vukich MD, George Waring IV MD
07:40  **Case 3:** Private equity desperately wants your practice.  
       What is the best model?  
       Robert Weinstock, MD

       **Discussants:** James Loden MD, Chris Moore MBA, Ehsan Sadri MD, John Vukich MD

08:00  **Presentation of AECOS Visionary Award**  
       John Doane, MD

08:10  **AECOS Visionary Award Lecture: “The Patient’s Perspective”**  
       Stephen Slade, MD

08:30  **Session 8: Retina Mythbusters. Retina for Refractive and Cataract Surgeons**

       **Moderator:** Steve Charles, MD

       **Discussants:** Yuri McKee MD, Robert Maloney MD, Karolinne Rocha MD,  
                      Robert Weinstock MD, Darcy Wolsey MD

       Anterior Vitrectomy: Trans-Limbal or Pars Plana?

       Management of Lens Material in the Vitreous

       Management of “Retinal” Situations for the Cataract Surgeon

09:00  **The Wish List of Technology: What Do MDs Really Want from Industry? (With Audience Response)**

       Discussion to develop current wish list from industry; compare/contrast to last TWO year’s wish list.

       **Moderators:** Steven Dell, MD and Stephen Slade, MD

       **Discussants:** Phillip Hoopes, Jr MD, William Link PhD, Stephen Klyce PhD, Mark Kontos MD,  
                        Erik Mertens MD, Priyanka Sood MD

09:30  Break

09:30  **Session 9: My Best Pearls** (8 min videos, no slides)

       **Moderators:** Robert Cionni, MD and George Waring IV, MD

10:00  Pearls for DMEK; DMEK in Complex Cases  
       Audrey Talley Rostov, MD

10:08  Using Femtosecond Laser OCT Imaging Data to Help Predice ELP  
       Jared Younger, MD

10:16  Cataract Surgery in An Eye with a PC Opening After Vitrectomy  
       Robert Cionni, MD

10:24  ICL Sizing by Anterior Segment OCT: Spur to Spur  
       Erik Mertens, MD

10:32  Pearl for the iStent Inject  
       Blake Williamson, MD

10:40  Belt Loop Tecnique: a new method for scleral fixation of a dislocated IOL  
       Cathleen McCabe, MD

10:48  LENSAR Streamlining for Toric IOL Steep Axis Alignment;  
       LENSAR and Pentacam Technology  
       Mitchell Jackson, MD
10:56   Dropless Cataract Surgery is Ready for Prime Time – Are You?  Marian Macsai, MD
11:04   Conquering Recalcitrant Epithelial Ingrowth               Amy Lin, MD
11:12   Suction Loss during SMILE: What To Do Next?               Sydney Gicheru, MD
11:20   Correcting Induced Astigmatism After Wrong Treatment Entered In the Excimer Laser Beeran Meghpara, MD
11:28   ________________                                      Alan Crandall, MD
11:36   XEN Implantation: Extended Applications, Challenges and Pearls Carlos Martinez, MD
11:44   Everything Hydrus, in HD                                 James Lewis, MD
11:52   Managing Myopia in Patients Too Young for LASIK           Damien Goldberg, MD
12:00   Adjourn

12:15   Lunchtime Promotional Symposium: (Astor Ballroom; Streamed LIVE)
1:00 pm  “Cell Therapy, Corneal Inlays, and the Future of Cornea Care”
          Faculty:
          Brought to you by CorneaGen
          Register at: http://avenue.live/corneagen  (if not attending the Deer Valley meeting)

4:30 pm  OWL Networking Reception (Astor Pre-function Area)

5:30 pm  AECOS 3D “Afternoon at the Movies” (Astor Ballroom)
          Brought to you by Alcon
          Moderators: Robert Weinstock, MD and William Wiley, MD
          Cast:    Robert Cionni, MD      William Trattler, MD
                    Steven Void, MD      Robert Weinstock, MD
                    William Wiley, MD

6:30 pm  AECOS Annual Cookout (Mountain Terrace)
SUNDAY, JULY 14

06:00  Breakfast with the Experts

07:00  **Session 10: Ophthalmic Innovation Forum**  (6 min to present; 2 min discussion)

  *Moderator: William Link, PhD*
  *Panel: Andy Corley, Richard Lindstrom, MD*

  07:00  Overview of Innovation Cycle in Ophthalmology

  William Link, PhD

  07:10  Oyster Point Pharma

  Jeffrey Nau, PhD  CEO

  07:18  Allegro Ophthalmics

  Vicken Karageozian, MD  CEO

  07:24  Tarsus Pharma

  Bobak Azamian, MD  CEO

  07:32  Surface Pharmaceuticals

  Kamran Hosseini, PhD  CEO

  07:40  TearClear Pharma

  Kevin Hershfield  CEO

  07:48  Ocutrx Vision Technologies

  Michael Freeman/
  Linda Lam, MD  CEO/CTO
  CMO

  07:56  eyeBrain Medical

  Davis Corley  CEO

  08:04  Equinox Ophthalmics

  Matt Larson  President/COO

  08:12  Ocular Innovations

  Michael Boerner  CEO

  08:20  FineVision Triumf

  Erik Mertens, MD  Clinical Advisor

  08:28  AcuFocus

  Yari Mitchell  CCO

  08:36  RxSight

  Ron Kurtz, MD  CEO

  08:44  ReFocus Group

  George Hampton  VP Marketing

  08:52  ForSight Vision 6

  Ayman Naseri, MD  President/CMO

  09:00  Summary

  William Link, PhD

**Session 11: Corneal Refractive Surgery for Pros**  (15 min case presentations/discussions)

  *Moderators: Stephen Slade, MD and William Wiley, MD*

  09:00  **Case 1:**  40 Year Old, 5.0 Myope – Perfect candidate for LASIK, PRK, SMILE

and even ICL. What do you recommend and why?  

  Aaron Waite, MD

  *Discussants: Bala Ambati MD, Robert Cionni MD, Amy Lin MD,*

  *Cathleen McCabe MD, Neda Nikpoor MD*
09:15  **Case 2:**  48 year old plano presbyope: What do you recommend and why?  Philip Hoopes Jr, MD

**Discussants:** Marguerite McDonald MD, Sheri Rowen MD, Keith Walter MD, Darcy Wolsey MD, Jared Younger MD

09:30  **Case 3:**  Myopic Management Consultant  Bennett Walton, MD

**Discussants:** Steven Dell MD, Mitchell Jackson MD, Steven Vold MD, Blake Williamson MD

09:45  **Case 4:**  Unhappy postop patient following LASIK: Management pearls  Robert Maloney, MD

**Discussants:** Yuri McKee MD, Jamie Monroe MD, Tim Page MD, Inder Paul Singh MD, Mitchell Weikert MD, Chuck Williamson MD

10:00  **Case 5:**  SMILE Complication: Management pearls  William Wiley, MD

**Discussants:** Shamik Bafna MD, John Doane MD, Sydney Gicheru MD, Priyanka Sood MD

10:15  **Case 6:**  4 months post multifocal IOL with residual refractive error; History of LASIK  Richard Davidson, MD

**Discussants:** Gary Foster MD, James Katz MD, James Loden MD, Jai Parekh MD, Matteo Piovella MD, Jared Younger MD

10:30  **Break**

**Session 12:**  Cross-Linking Cases  *(15 min case presentations/discussions)*

**Moderators:** Mark Kontos, MD and William Trattler, MD

11:00  **Case 1:**  Borderline keratoconus in -4.00 myope with thick corneas: CXL first or surface ablation first?  George Waring IV, MD

**Discussants:** Damien Goldberg MD, Richard Lindstrom MD, Neda Nikpoor MD, Stephen Slade MD, Priyanka Sood MD

11:15  **Case 2:**  15 year old with unilateral keratoconus. CXL now or later? One or both eyes?  Audrey Talley Rostov, MD

**Discussants:** Ronald Gaster MD, Sumit Khandelwal MD, Robert Maloney MD, Marian Macsai MD, Karolinne Rocha MD, Aaron Waite MD, William Wiley MD

11:30  **Case 3:**  32 year old 2 years post CXL with mild progression; Pearls for retreatment  Mark Kontos, MD

**Discussants:** Kenneth Beckman MD, Rajesh Rajpal MD, Audrey Talley Rostov MD, George Waring IV MD, Darcy Wolsey MD
11:45  **Case 4:**  A case of Refractive Corneal Cross-Liking (RCXL) using Intacs and Conductive Keratoplasty followed by CXL 4 weeks later and PRK one year later  

**Discussants:** Shamik Bafna MD, Stephen Klyce PhD, Amy Lin MD, Beeran Meghpara MD, Priyanka Sood MD

12:00 pm  **AECOS 2019 Summer Symposium Concludes**