DEAR FELLOWS AND GUEST FACULTY,

On behalf of the entire Duke Eye Center Retina Faculty, I am pleased to welcome you to the 4th Fellows Advanced Vitreous Surgery (fAVS) Course at the Duke Eye Center.

The fAVS Course occurs annually and is open to all North American vitreoretinal surgical, medical retina, and uveitis fellows, as well as international fellows. This year we have over 100 fellow participants and an exceptional group of faculty. The course provides unique blend of lectures, interactive panels and hands-on experience.

We are excited that you could join us and we hope that you will find this educational experience worthwhile.

Sincerely,

Lejla Vajzovic, MD
fAVS Course Director and the
Duke Eye Center Retina Faculty
Duke Retina Faculty

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George A. Williams, MD
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FRIDAY, April 13

6:45 AM
Shuttles from Durham Marriott City Center to Duke Eye Center
(Meet in hotel lobby.)

7:00 AM–7:50 AM
Registration and Breakfast
Albert Eye Research Institute –
Lachman Lobby (1st floor)

7:00 AM–6:00 PM
Exhibits

7:50 AM–9:30 AM
SESSION 1:
Medical Retina:
Data-Driven Algorithms, Future Treatments
Moderators: Dilraj S. Grewal, MD
and Priyatham S. Mettu, MD

7:50 AM–8:00 AM
Welcome
Lejla Vajzovic, MD

8:00 AM–8:15 AM
Non-neovascular AMD:
Biomarkers and Clinical Trials
Eleonora M. Lad, MD, PhD

8:15 AM–8:30 AM
Neovascular AMD: Update on
Emerging Treatments
Scott W. Cousins, MD

8:30 AM–8:45 AM
Anti-VEGF Resistant NV AMD: How
Common, What Is the Consequence
and What to Do About It
Priyatham S. Mettu, MD

8:45 AM–9:00 AM
Diabetic Retinopathy: Update
Michael J. Allingham, MD, PhD

9:00 AM–9:15 AM
Retinal Vein Occlusion: Update
David M. Brown, MD

9:15 AM–9:30 AM
Uveitis: New and Emerging Therapies
Dilraj S. Grewal, MD

9:30 AM–9:55 AM
SESSION 2:
Applied Imaging
(Fundus Photos, FA, ICG, OCT, OCT-A)
Moderators: Michael J. Allingham, MD, PhD
and Eleonora M. Lad, MD, PhD

9:30 AM–9:40 AM
Multimodal Imaging: Current Approaches in Medical Retina
J. Niklas Ulrich, MD

9:40 AM–9:50 AM
OCT Angiography: Current Status
Caroline R. Baumal, MD

9:50 AM–9:55 AM
Break

10:25 AM–11:10 AM
SESSION 3:
Genetic Disorders, Gene and Stem Cell Therapies
and Clinical Trials
Moderators: Alessandro Iannaccone, MD, MS, FARVO
and Eleonora M. Lad, MD, PhD

10:25 AM–10:40 AM
Retinal Degenerations:
Update on Clinical Trials
Alessandro Iannaccone, MD, MS, FARVO

10:40 AM–10:55 AM
Gene and Stem Cell Therapies in Retinal Disorders:
Surgical Considerations
Ninel Z. Gregori, MD

10:55 AM–11:10 AM
Epiretinal Prostheses: Surgical Implantation
Jennifer I. Lim, MD
11:10 AM–11:55 AM
**Medical Retina Case Panel**

**Moderator:** Scott W. Cousins, MD  
**Panelists:** Michael J. Allingham, MD, PhD,  
Caroline R. Baumal, MD, David M. Brown, MD,  
Alessandro Iannaccone, MD, MS, FARVO,  
Glenn J. Jaffe, MD, John W. Kitchens, MD,  
Eleonora M. Lad, MD, PhD, Jennifer I. Lim, MD,  
Priyatham S. Mettu, MD, Gaurav K. Shah, MD,  
J. Niklas Ulrich, MD and George A. Williams, MD

11:55 AM–1:05 PM  
**Lunch**

1:05 PM–1:25 PM
**Corporate Presentations**

1:05 PM–1:12 PM  
**Alcon Laboratories, Inc.**

1:12 PM–1:17 PM  
**Allergan, Inc.**

1:17 PM–1:19 PM  
**Dutch Ophthalmic USA**

1:19 PM–1:21 PM  
**MedOne Surgical, inc.**

1:21 PM–1:23 PM  
**Notal Vision**

1:23 PM–1:25 PM  
**OCULUS Surgical, Inc.**

1:25 PM–1:30 PM  
**Break**

1:30 PM–2:45 PM
**SESSION 4:**  
**Crazy Complicated Retina –  
Surgical Approaches and Advances**

**Moderators:** Xi Chen, MD, PhD  
and Sharon Fekrat, MD

1:30 PM–1:45 PM  
**Primary Retinal Detachment:  
What to Do and Not to Do**  
John W. Kitchens, MD

1:45 PM–2:00 PM
**Pneumatic Retinopexy:  
Tips and Tricks**  
Caroline R. Baumal, MD

2:00 PM–2:15 PM
**Managing PVR**  
Dean Elliott, MD

2:15 PM–2:30 PM
**Subluxed and Dislocated IOL  
Techniques and Updates**  
Dilraj S. Grewal, MD

2:30 PM–2:45 PM
**VR Surgery with a Permanent  
Keratoprosthesis: Tips and Tricks**  
Jennifer I. Lim, MD

2:45 PM–3:30 PM
**VR Surgical Rounds  
Unleashed Panel**

**Moderator:** Cynthia A. Toth, MD  
**Panelists:** Caroline R. Baumal, MD, David M. Brown, MD, Dean Elliott, MD, Sharon Fekrat, MD, Ninel Z. Gregori, MD, Dilraj S. Grewal, MD, John W. Kitchens, MD, Jennifer I. Lim, MD, Eric A. Postel, MD, Gaurav K. Shah, MD and George A. Williams, MD

3:30 PM–4:00 PM  
**Break**

4:00 PM–4:50 PM
**SESSION 5:**  
**Real-World Retina: Job Search,  
Contract Negotiations**

**Moderators:** Dilraj S. Grewal, MD  
and Eric A. Postel, MD

4:00 PM–4:15 PM
**What to Look for in a  
Retina Job and How to Get it**  
John W. Kitchens, MD

4:15 PM–4:35 PM
**Private Equity – A Primer and  
What Is This All About**  
Gaurav K. Shah, MD
4:35 PM–4:50 PM
Collaborations with the Industry: An Interview
David M. Brown, MD
interviewed by Scott W. Cousins, MD

4:50 PM–5:35 PM
The Great Job Search Panel
Moderators: Glenn J. Jaffe, MD and Eric A. Postel, MD
Panelists: Caroline R. Baumal, MD, David M. Brown, MD, Xi Chen, MD, PhD, Dean Eliott, MD, Sharon Fekrat, MD, Ninel Z. Gregori, MD, John W. Kitchens, MD, Jennifer I. Lim, MD, Miguel A. Materin, MD, Gaurav K. Shah, MD and George A. Williams, MD

5:35 PM–5:55 PM
Question and Answer Session

6:00 PM
Shuttles from Duke Eye Center to Durham Marriott City Center

6:50 PM
Meet in Durham Marriott City Center lobby to walk to 21C Museum Hotel

7:00 PM
Dinner and Casino Night at 21C Museum Hotel

SATURDAY, April 14

6:45 AM
Shuttles from Durham Marriott City Center to Duke Eye Center

7:00 AM–7:50 AM
Breakfast

7:50 AM–8:00 AM
Relocate to Hudson Eye Center Conference Room 4510 (4th Floor)

8:00 AM–8:15 AM
What’s New in Surgical Retina 2018: Wet Lab Overview
Lejla Vajzovic, MD
Hudson Eye Center
Conference Room 4510 (4th floor)

8:15 AM–12:00 PM
Faculty-Guided Wet Lab, Hands-on Stations
All course faculty

12:00 PM–12:10 PM
Relocate to Albert Eye Research Institute

12:10 PM–12:26 PM
Corporate Presentations

12:10 PM–12:15 PM
Genentech, Inc.

12:15 PM–12:20 PM
Retina Today

12:20 PM–12:22 PM
Second Sight Medical Products

12:22 PM–12:24 PM
Spark Therapeutics

12:24 PM–12:26 PM
ZEISS

12:26 PM–1:40 PM
Lunch

1:40 PM–2:45 PM
SESSION 6:
The Essentials of Year 2 of Your Surgical Fellowship – Surgical Approaches
Moderators: Sharon Fekrat, MD and Cynthia A. Toth, MD

1:40 PM–1:50 PM
Endophthalmitis Prophylaxis and HORV
Dean Eliott, MD
1:50 PM–2:00 PM  
PDR Management  
Ninel Z. Gregori, MD

2:00 PM–2:10 PM  
Intrasurgical Imaging  
Cynthia A. Toth, MD

2:10 PM–2:20 PM  
Pediatric Retina: Tips and Tricks  
Lejla Vajzovic, MD

2:20 PM–2:30 PM  
Diagnostic VTX and Surgical Indications of Uveitis  
Glenn J. Jaffe, MD

2:30 PM–2:40 PM  
What a Vitreoretinal Fellow Should Know About Uveal Melanoma  
Miguel A. Materin, MD

2:40 PM–2:45 PM  
Question and Answer Session

2:45 PM–4:00 PM  
SESSION 7:  
Life After Fellowship: Career Development, Practice Pearls and Economics  
Moderators: Xi Chen MD, PhD and Miguel A. Materin, MD

2:45 PM–3:00 PM  
Practical Pearls for Career Development and Starting Out on Your Own in Clinic and OR  
John W. Kitchens, MD

3:00 PM–3:15 PM  
Investigator Initiated Trials: How Do I Get Started?  
David M. Brown, MD

3:15 PM–3:30 PM  
Retinal Malpractice: The OMIC experience  
George A. Williams, MD

3:30 PM–3:45 PM  
Contract Negotiations: What Should I Look For?  
Gaurav K. Shah, MD

3:45 PM–4:00 PM  
How the RUC Works and Medicare Decides What We Get Paid?  
George A. Williams, MD

4:00 PM–4:45 PM  
Break

4:45 PM–6:00 PM  
SESSION 8:  
Classic Duke Retina Duke Vitreoretinal Rounds, Unleashed: Fellows’ Surgical Videos  
Moderator: Lejla Vajzovic, MD  
Panelists: Caroline R. Baumal, MD, David M. Brown, MD, Dean Eliott, MD, Ninel Z. Gregori, MD, John W. Kitchens, MD, Jennifer I. Lim, MD, Gaurav K. Shah, MD, J. Niklas Ulrich, MD and George A. Williams, MD and all Duke VR Faculty  
Fellows:  
Noura Almansoori, MBBS, University of Montreal  
Xihui Lin, MD, Kresge Eye Institute  
Ryan N. Vogel, MD, Wilmer Eye Institute  
Joel Yap, MBChB, University of Toronto  
Wenlan Zhang, MD, Duke University

6:00 PM–6:05 PM  
Closing Remarks

6:05 PM  
Program Adjourns

6:15 PM  
Shuttles from Duke Eye Center to Durham Marriott City Center

7:00 PM  
Meet in Durham Marriott City Center lobby to walk to The Pit

7:15 PM  
Closing Dinner at The Pit
SAVE THE DATE

5th Annual Fellows
Advanced Vitreous Surgery Course
(fAVS)
APRIL 11, 2019

AND

21st Advanced
Vitreous Surgery Course
(AVS)
APRIL 12-13, 2019

FOR INFORMATION
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EDUCATIONAL GRANTS
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Alcon Laboratories, Inc.
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Santen, Inc.

EXHIBITORS
Duke Eye Center gratefully acknowledges the following companies for their generous support:

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