

16th ANNUAL

# Advanced Vitreoretinal Techniques & Technology Symposium



avtt



## Beaumont

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# Symposium Faculty



**POOJA BHAT, MD**  
Illinois Eye and Ear Infirmary  
Chicago, IL



**FELIX Y. CHAU, MD**  
Illinois Eye and Ear Infirmary  
Chicago, IL



**PRAVIN U. DUGEL, MD**  
Retinal Consultants of Arizona  
Phoenix, AZ



**JAY S. DUKER, MD**  
New England Eye Center/  
Tufts Medical Center  
Boston, MA



**AMANI A. FAWZI, MD**  
Northwestern University  
Chicago, IL



**RAMA D. JAGER, MD, MBA**  
Illinois Eye and Ear Infirmary  
Chicago, IL



**LEE M. JAMPOL, MD**  
Northwestern University  
Chicago, IL



**PETER K. KAISER, MD**  
Cole Eye Institute  
Cleveland, OH



**JENNIFER J.  
KANG-MIELER, PhD**  
Illinois Institute of Technology  
Chicago, IL



**YANNEK I.  
LEIDERMAN, MD, PhD**  
Illinois Eye and Ear Infirmary  
Chicago, IL



**JENNIFER I. LIM, MD**  
Illinois Eye and Ear Infirmary  
Chicago, IL



**TIMOTHY W. OLSEN, MD**  
Emory University  
Atlanta, GA



**KIRK H. PACKO, MD**  
Rush University Medical Center  
Chicago, IL



**DAVID SARRAF, MD**  
Stein Eye Institute  
Los Angeles, CA



**GAURAV K. SHAH, MD**  
The Retina Institute  
St. Louis, MO



**LAWRENCE J. ULANSKI, MD**  
Illinois Eye and Ear Infirmary  
Chicago, IL



**GEORGE A. WILLIAMS, MD**  
Associated Retinal Consultants  
Royal Oak, MI

## Organizer



**WILLIAM F. MIELER, MD**  
Cless Family Professor  
and Vice-Chairman  
Director Residency and  
Vitreoretinal Fellowship Training  
Department of Ophthalmology  
and Visual Sciences  
University of Illinois at Chicago



# 2016 Program

## Friday AUG 26

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**6:45 AM-5:30 PM**

Registration

**6:45 AM-7:25 AM**

Breakfast

**6:45 AM-1:00 PM**

Exhibits

**7:25 AM-12:15 PM**

Best Practice in Ophthalmology –  
Vitreoretinal Fellows' Program

WILLIAM F. MIELER, MD, Moderator

**7:25 AM**

Introduction and Welcome

WILLIAM F. MIELER, MD

**7:30 AM**

Ophthalmology: Demographics  
and Practice Patterns

WILLIAM F. MIELER, MD

**7:45 AM**

The Art of Keeping Your  
Referral Doctors Happy

KIRK H. PACKO, MD

**8:00 AM**

Alternative Payment Models  
and What is Happening with  
Surgical Payments?

GEORGE A. WILLIAMS, MD

**8:15 AM**

Surgery or Work in the Office –  
Where's the Money?

GEORGE A. WILLIAMS, MD

**8:30 AM**

The Art of Patient Salinification  
in a Retina Practice

KIRK H. PACKO, MD

**8:45 AM**

Why There is a Registry in  
Your Future

GEORGE A. WILLIAMS, MD

**9:00 AM**

Risk Management for the  
Retinal Surgeon

JAY S. DUKER, MD

**9:15 AM**

Audits: Here, There, and Everywhere

GEORGE A. WILLIAMS, MD

**9:30 AM**

Ethics Round Table Discussion  
with All Faculty

FELIX Y. CHAU, MD, Co-moderator

JAY S. DUKER, MD, Co-moderator

**10:00 AM-10:30 AM**

Break

**10:30 AM**

Industry Supported Research –  
How, Why, and is it Worth it?

PETER K. KAISER, MD

**10:45 AM**

Health Care Networks;  
Will Your Practice Survive?

PRAVIN U. DUGEL, MD

**11:00 AM**

Discussion Regarding Type of  
Practice-Pros and Cons of  
Academics, Private Practice,  
and/or a Mixed Type of Practice

ALL FACULTY

**11:30 AM**

Important Factors to Consider in  
Choosing a Practice: Contract  
Management/Partners/Location

ALL FACULTY

**11:45 AM**

The Role and Importance  
of Advocacy

JENNIFER I. LIM, MD

**12:00 PM**

Personal Finance: How to Balance  
Life and Secure your Future

TIMOTHY W. OLSEN, MD

**12:15 PM-1:00 PM**

Lunch

**1:00 PM**

Vitreotomy Fluidics

PRAVIN U. DUGEL, MD

**1:30 PM-5:00 PM**

**Vitreotomy Instrument  
Demonstration and Discussion  
of OCT, Medical, and  
Surgical Cases for the  
Vitreoretinal Fellows**

Vitreoretinal Fellows and Residents  
will be separated into two groups for  
the interactive sessions.

**GROUP 1**

**1:30 PM-3:00 PM**

**Vitreotomy Instrument  
Demonstration**

FELIX Y. CHAU, MD

PRAVIN U. DUGEL, MD

JAY S. DUKER, MD

RAMA D. JAGER, MD, MBA

PETER K. KAISER, MD

JENNIFER I. LIM, MD

GAURAV K. SHAH, MD

LAWRENCE J. ULANSKI, MD

GEORGE A. WILLIAMS, MD

**3:00 PM-3:30 PM**

Break



**3:30 PM-5:00 PM**

**Discussion of OCT, Medical and Surgical Cases**

AMANI A. FAWZI, MD  
LEE M. JAMPOL, MD  
YANNEK I. LEIDERMAN, MD, PhD, Moderator  
WILLIAM F. MIELER, MD  
TIMOTHY W. OLSEN, MD  
DAVID SARRAF, MD

**GROUP 2**

**1:30 PM-3:00 PM**

**Discussion of OCT, Medical and Surgical Cases**

AMANI A. FAWZI, MD  
LEE M. JAMPOL, MD  
WILLIAM F. MIELER, MD  
TIMOTHY W. OLSEN, MD  
DAVID SARRAF, MD, Moderator

**3:00 PM-3:30 PM**

**Break**

**3:30 PM-5:00 PM**

**Vitrectomy Instrument Demonstration**

FELIX Y. CHAU, MD  
PRAVIN U. DUGEL, MD  
JAY S. DUKER, MD  
RAMA D. JAGER, MD, MBA  
PETER K. KAISER, MD  
JENNIFER I. LIM, MD  
GAURAV K. SHAH, MD  
LAWRENCE J. ULANSKI, MD  
GEORGE A. WILLIAMS, MD

**5:00 PM-6:30 PM**

**Reception**

**Saturday** AUG 27

**6:45 AM-5:00 PM**

**Registration**

**6:45 AM-7:25 AM**

**Breakfast**

**6:45 AM-5:15 PM**

**Exhibits**

**7:25 AM-9:30 AM**

**Retinal Imaging and Technology**

WILLIAM F. MIELER, MD, Moderator

**7:25 AM**

**Introduction and Welcome**

WILLIAM F. MIELER, MD

**7:30 AM**

**OCTa: What is it, and What is it Good For?**

JAY S. DUKER, MD

**7:45 AM**

**OCTa in Clinical Practice: What Have We Learned?**

AMANI A. FAWZI, MD

**8:00 AM**

**Swept Source and En Face OCT**

PETER K. KAISER, MD

**8:15 AM**

**Multimodal Imaging in Diabetic Macular Ischemia: OCTa, AO-SLO, and Visible-Light OCT**

AMANI A. FAWZI, MD

**8:30 AM**

**Fundus Autofluorescence – Does it Change Management of Our Patients?**

YANNEK I. LEIDERMAN, MD, PhD

**8:45 AM**

**Evaluation and Management of Dome-Shaped Macula in Myopia**

DAVID SARRAF, MD

**9:00 AM**

**The Role of Widefield Imaging**

WILLIAM F. MIELER, MD

**9:15 AM**

**Artificial Vision Update**

RAMA D. JAGER, MD, MBA

**9:30 AM-10:00 AM**

**Break**

**10:00 AM-11:15 AM**

**Vitreoretinal Surgery, Techniques, and Innovations**

JAY S. DUKER, MD, Moderator

**10:00 AM**

**Digitally Assisted Vitreoretinal Surgery**

PRAVIN U. DUGEL, MD

**10:15 AM**

**Repair of Retinal Detachment: Global Trends and Evolving Concepts**

GAURAV K. SHAH, MD

**10:30 AM**

**Controversies in Macular Hole Surgery: Including the Current Status of Ocriplasmin**

PETER K. KAISER, MD

**10:45 AM**

**The Economics of Intravitreal Injections**

GEORGE A. WILLIAMS, MD

**11:00 AM**

**Secondary IOLs-Sutureless Scleral Fixated IOLs and Beyond**

YANNEK I. LEIDERMAN, MD, PhD

**11:15 AM-12:15 PM**

**SURGICAL DEBATES**

GEORGE A. WILLIAMS, MD, Moderator

**11:15 AM-11:30 AM**

**DEBATE #1: 27 Gauge Vitrectomy Surgery**

**11:15 AM**

**A Technology Still Looking for Uses**

JAY S. DUKER, MD

**11:20 AM**

**Smaller is Definitely Better**

GAURAV K. SHAH, MD

**11:25 AM**

**Discussion**

11:30 AM-11:45 AM

**DEBATE #2:**

**Vitrectomy with Concurrent vs. Sequential Cataract Surgery**

11:30 AM

Concurrent Surgery is Preferable

WILLIAM F. MIELER, MD

11:35 AM

Sequential Surgery is Better

TIMOTHY W. OLSEN, MD

11:40 AM

Discussion

11:45 AM-12:00 PM

**DEBATE #3:**

**Intraoperative OCT and Macular Surgery**

11:45 AM

A Valuable Addition to Vitrectomy Surgery

YANNEK I. LEIDERMAN, MD, PhD

11:50 AM

An Expensive Toy – Not Essential

RAMA D. JAGER, MD, MBA

11:55 AM

Discussion

12:00 PM-12:15 PM

**DEBATE #4:**

**Vitrectomy for Floaters**

12:00 PM

Reasonable and Beneficial

PRAVIN U. DUGEL, MD

12:05 PM

Not for My Patients

PETER K. KAISER, MD

12:10 PM

Discussion

12:15 PM-1:00 PM

Lunch

1:00 PM-3:00 PM

**Diabetic Retinopathy and DME**

DAVID SARRAF, MD, Moderator

1:00 PM

Pathophysiology and Biomarkers in Diabetic Retinopathy

JENNIFER J. KANG-MIELER, PhD

1:15 PM

New Results from the DRCR.net

LEE M. JAMPOL, MD

1:30 PM

Anti-VEGF Therapy for DME: Do We Need to Keep Injecting?

PRAVIN U. DUGEL, MD

1:45 PM

The Role of Corticosteroids in DME

JENNIFER I. LIM, MD

2:00 PM

My Treatment Algorithm for DME

PETER K. KAISER, MD

2:15 PM

Vitrectomy for DME: Is it Beneficial?

GAURAV K. SHAH, MD

2:30 PM

New Therapies for DME: What's in the Pipeline?

PETER K. KAISER, MD

2:45 PM

Evidence Based Treatment of Diabetic Retinopathy

TIMOTHY W. OLSEN, MD

3:00 PM-3:30 PM

Break

3:30 PM-4:00 PM

**DIABETES DEBATES**

PRAVIN U. DUGEL, MD, Moderator

3:30 PM-3:45 PM

**DEBATE #1:**

**Fluorescein Angiography in the Management of Diabetic Macular Edema**

3:30 PM

Still Essential

LEE M. JAMPOL, MD

3:35 PM

Give Me SD-OCT and OCTa

GEORGE A. WILLIAMS, MD

3:40 PM

Discussion

3:45 PM-4:00 PM

**DEBATE #2:**

**Proliferative Diabetic Retinopathy with Diabetic Macular Edema**

3:45 PM

Panretinal Photocoagulation with Anti-VEGF

JENNIFER I. LIM, MD, Moderator

3:50 PM

Anti-VEGF Alone

AMANI A. FAWZI, MD

3:55 PM

Discussion

4:00 PM-5:15 PM

**Inflammation and Infection**

JENNIFER I. LIM, MD, Moderator

4:00 PM

Non-Infectious Posterior Uveitis

POOJA BHAT, MD

4:15 PM

Emerging Viral Infections of the Retina (Zika, Dengue, West Nile)

LEE M. JAMPOL, MD

4:30 PM

Advanced Retinal Imaging of the White Dot Syndromes

DAVID SARRAF, MD

**4:45 PM**  
Infectious Retinitis  
POOJA BHAT, MD

**5:00 PM**  
Reverse Masquerades  
JAY S. DUKER, MD

**5:15 PM-6:00 PM**  
Reception

## Sunday AUG 28

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**6:45 AM-12:00 PM**  
Registration

**6:45 AM-7:25 AM**  
Breakfast

**6:45 AM-10:15 AM**  
Exhibits

**7:25 AM-9:45 AM**  
**AMD and the Macula**  
GAURAV K. SHAH, MD, Moderator

**7:25 AM**  
Introduction and Welcome  
WILLIAM F. MIELER, MD

**7:30 AM**  
AREDS, AREDS2, and Beyond:  
Are Micronutrients Truly  
Beneficial or Potentially Harmful?  
LAWRENCE J. ULANSKI, MD

**7:45 AM**  
Anti-PDGF Combination Therapy –  
Real, or Hype?  
PETER K. KAISER, MD

**8:00 AM**  
Beyond the VEGF Pathway.  
What's Next?  
PETER K. KAISER, MD

**8:15 AM**  
The Importance of Atrophy in  
Neovascular AMD  
DAVID SARRAF, MD

**8:30 AM**  
Fundus Autofluorescence  
in Geographic Atrophy:  
Pearls and Pitfalls  
AMANI A. FAWZI, MD

**8:45 AM**  
New Classification System for  
Type 3 Neovascularization  
DAVID SARRAF, MD

**9:00 AM**  
New Developments in Drug  
Delivery to the Posterior Segment  
JENNIFER J. KANG-MIELER, PhD

**9:15 AM**  
How to Manage Acute Symptomatic  
BRAO, CRAO, and OAO  
TIMOTHY W. OLSEN, MD

**9:30 AM**  
Management Options for Chronic  
Central Serous Chorioretinopathy  
FELIX Y. CHAU, MD

**9:45 AM-10:15 AM**  
Break

**10:15 AM-10:45 AM**  
**AMD DEBATES**  
JAY S. DUKER, MD, Moderator

**10:15 AM-10:30 AM**  
**DEBATE #1:**  
**Genetic Testing for AMD**

**10:15 AM**  
Essential for Quality Care  
of Our AMD Patients  
YANNEK I. LEIDERMAN, MD, PhD

**10:20 AM**  
Still Just a Research Tool  
at the Present Time  
LAWRENCE J. ULANSKI, MD

**10:25 AM**  
Discussion

**10:30 AM-10:45 AM**  
**DEBATE #2:**  
**Monitoring for Early  
Development of Choroidal  
Neovascularization**

**10:30 AM**  
Home Monitoring Device is Best  
JENNIFER I. LIM, MD

**10:35 AM**  
Routine Scheduled Visits with  
Periodic SD-OCT and FA  
DAVID SARRAF, MD

**10:40 AM**  
Discussion

**10:45 AM-12:00 PM**  
**Pediatric Retina and Tumors**  
LAWRENCE J. ULANSKI, MD, Moderator

**10:45 AM**  
Retinoblastoma 2016 Update  
FELIX Y. CHAU, MD

**11:00 AM**  
Hey, Will You Take a Look  
at this Child?  
TIMOTHY W. OLSEN, MD

**11:15 AM**  
Pediatric Retinal Diagnoses  
that You Do Not Want to Miss  
FELIX Y. CHAU, MD

**11:30 AM**  
Biopsy of Choroidal Tumors:  
Indications and Technique  
JAY S. DUKER, MD

**11:45 AM**  
The Differential Diagnosis  
of Uveal Melanoma  
WILLIAM F. MIELER, MD

**12:00 PM**  
Meeting Adjourned

This CME activity is supported by educational grants from:

**Alcon Research, LTD**

**Regeneron Pharmaceuticals, Inc.**



## Exhibitors

AVTT acknowledges generous contributions  
from the following companies:

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