

# **New Orleans Academy of Ophthalmology**

66<sup>TH</sup> ANNUAL SYMPOSIUM

**ALLIANCE  
LINES**

Updates on Cataract, Uveitis and Retina

**February 10 – 12, 2017**

Sheraton New Orleans Hotel

**Program and Registration Brochure**

# New Orleans Academy of Ophthalmology 66th Annual Symposium

**February 10–12, 2017**  
Sheraton New Orleans Hotel

**Program Committee Chairs**  
Rebecca Metzinger, MD • Pulin Shah, MD

**Program Committee**  
Maria Bernal, MD • Rudolph Franklin, MD • O. Jay LaCour, MD  
D. Anthony Mazzulla, MD • Aravinda Rao, MD

## **Needs Assessment**

Cataract surgery is one of the most commonly performed medical procedures in the U.S. In the past decade, the introductions of presbyopic and toric intraocular lenses (IOLs) have elevated cataract surgery into a refractive procedure. The latest introduction of femtosecond laser-assisted cataract surgery may further improve the predictability and safety of refractive cataract surgery and enhance refractive outcomes. As these procedures comprise the bulk of a comprehensive ophthalmologist's practice, it is necessary to update their competence with cataract management particularly with respect to new medical and surgical modalities.

The frequency of managing the patient with uveitis appears to be increasing and the science behind testing, diagnosis and treatment is breaking new ground. Many features of present uveitis management were not known just a few years ago.

There have been a number of retinal gene therapy trials over the last few years. Comprehensive ophthalmologist and specialists need to be familiar with these new genetic therapies as well as updated on the hereditary retinal disease that they may come across in the course of their practice.

This activity will increase understanding of the concepts and techniques necessary to correctly diagnose and treat patients with cataracts and retinal and uveitic diseases.

## **Purpose**

The focus of this meeting will be to update the general ophthalmologist as well as the glaucoma anterior segment specialist, uveitis and retinal specialists on the latest in diagnosis, medical management, preoperative evaluation, surgical techniques, clinical outcomes, and postoperative complications management in the fields of cataract, uveitis and retina, as well as research on future developments in these disciplines.

# Educational Objectives

Upon completion of this program, participants should be able to:

- Appraise the latest information on Ocular Surface Disease
- Apply optimal procedures for patients undergoing cataract surgery after corneal refractive surgery
- Assess medical and surgical options for co-existing cataract and glaucoma and plan an effective course of treatment
- Compare and contrast various available uveitic therapies as steroids and biologic agents
- Critique the latest accommodating and adjustable IOLs as well as their individual advantages and disadvantages
- Describe the different hereditary retinal diseases and summarize the new medical and surgical therapies now
- Describe various factors and diseases that can cause pediatric uveitis, such as juvenile idiopathic arthritis available to treat them
- Evaluate the latest advances and applications in vitreoretinal surgery as 27 gauge surgery, endoscopic vitrectomy and heads-up display
- Evaluate the latest trends, techniques and technologies in femtosecond laser assisted cataract surgery
- Evaluate when it is optimal to reposition and/or exchange IOLs in certain patient populations
- Evaluate the surgical treatments available for the patient with uveitis
- Improve Toric IOL outcomes and efficiently manage astigmatism
- Interpret data from recent uveitic clinical trials
- Management of Difficult Cataracts (and traumatic cataracts)
- Manage dissatisfaction in the IOL patient
- Medical evaluation of uveitis: recognize when to order and choose most appropriate treatment
- Recognize the symptoms of Toxoplasmosis
- Resolve certain impediments such as zonular deficiencies and scleral fixation issues during cataract procedures
- Review and manage complications of intraocular surgeries such as TASS and endophthalmitis
- Utilize improved techniques for determining IOL and power

## Accreditation

**The New Orleans Academy of Ophthalmology** is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## Designation

The New Orleans Academy of Ophthalmology designates this educational activity for a maximum of **20.00 AMA PRA Category 1 Credits™**. Physicians should only claim credits commensurate with the extent of their participation in the activity.

# Faculty

## **Alan Crandall, MD**

John A. Moran Presidential  
Professor of Ophthalmology &  
Visual Sciences  
Moran Eye Center, University of Utah  
Salt Lake City, UT

## **Emmett T. Cunningham, Jr., MD**

Professor  
CPMC, Stanford University,  
UCSF/Proctor  
San Francisco, CA

## **Jeffery Daigrepoint**

Senior Vice President, Coker Group  
Alpharetta, GA

## **Uday Devgan, MD**

Professor of Ophthalmology  
Jules Stein Eye Institute, UCLA  
Los Angeles, CA

## **Kendall Donaldson, MD**

Associate Professor of Ophthalmology  
Bascom Palmer Eye Institute  
Miami, FL

## **Debra A. Goldstein, MD, FRCSC**

Professor of Ophthalmology  
Northwestern University  
Feinberg School of Medicine  
Chicago, IL

## **Douglas A. Jabs, MD, MBA**

Professor of Ophthalmology  
Professor of Medicine  
Icahn School of Medicine, Mount Sinai  
New York, NY

## **Mark Maio, FOPS**

President, InVision, Inc.  
Atlanta, GA

## **Nick Mamalis, MD**

Professor of Ophthalmology  
Moran Eye Center, University of Utah  
Salt Lake City, UT

## **J. Bradley Randleman, MD**

Professor of Ophthalmology  
Director of Cornea & Refractive Surgery  
Roski Eye Institute  
University of Southern California  
Los Angeles, CA

## **Christopher Riemann, MD**

Volunteer Professor  
University of Cincinnati  
Director, Vitreoretinal Fellowship  
Cincinnati Eye Institute  
Cincinnati, OH

## **J. Timothy Stout, MD, PhD, MBA**

Chairman and Director  
Department of Ophthalmology  
and Cullen Eye Institute  
Baylor College of Medicine  
Houston, TX

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It is the policy of the **New Orleans Academy of Ophthalmology** to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in this program are required to disclose any relevant financial relationship(s) they have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; **and** the opportunity to affect the content of CME about the products or services of the commercial interests. The New Orleans Academy of Ophthalmology will ensure that any conflicts of interest are resolved before the activity occurs.

# PROGRAM AGENDA

## Friday, February 10, 2017

7:00 – 7:45 a.m. Registration

7:55 – 8:00 a.m. President's remarks

### Session I Uveitis

8:00 – 8:30 a.m. Treatment principles in uveitis  
Emmett Cunningham, MD

8:30 – 9:00 a.m. Approach to the diagnosis of the uveitides  
Douglas Jabs, MD

9:00 – 9:15 a.m. Ten common mistakes in uveitis  
Emmett Cunningham, MD

9:15 – 9:30 a.m. Pediatric uveitis  
Debra Goldstein, MD

9:30 – 10:00 a.m. **Roundtable: Surgical treatment of uveitis:  
cataract SX, vitrectomy, chorioretinal biopsy**  
Moderator: Debra Goldstein, MD  
Panel: Drs. Cunningham, Jabs

10:00 – 10:15 a.m. Q & A

10:15 – 10:45 a.m. **Break and visit the exhibits**

### Session II Uveitis

10:45 – 11:15 a.m. Clinical trials in uveitis  
Douglas Jabs, MD

11:15 – 11:30 a.m. Sustained release steroid options  
Debra Goldstein, MD

11:30 – 11:45 a.m. Mosquito borne uveitis  
(West Nile Virus, Dengue, Chikungunya, Zika)  
Emmett Cunningham, MD

11:45 – 12:15 p.m. **Roundtable: Toxoplasmosis**  
Moderator: Emmett Cunningham, MD  
Panel: Drs. Goldstein, Jabs

12:15 – 12:30 p.m. Q & A

12:30 – 1:45 p.m. **Lunch**

## **Session III                      Cataract**

1:45 – 2:00 p.m. Maximizing Toric IOL outcomes  
Bradley Randleman, MD

2:00 – 2:15 p.m. Pearls for astigmatism correction during  
cataract surgery  
Kendall Donaldson, MD

2:15 – 2:30 p.m. Scleral fixation  
Alan Crandall, MD

2:30 – 2:45 p.m. OSD in women – Top 10 reasons women  
matter most!  
Kendall Donaldson, MD

2:45 – 3:00 p.m. Managing multifocal IOL dissatisfaction  
Bradley Randleman, MD

3:00 – 3:15 p.m. Q & A

3:15 – 3:45 p.m. **Break and visit the exhibits**

## **Session IV                      Cataract**

3:45 – 4:00 p.m. Corneal topography for the cataract surgeon  
Bradley Randleman, MD

4:00 – 4:15 p.m.	Intraoperative aberrometry vs toric alignment systems Kendall Donaldson, MD
4:15 – 4:30 p.m.	Co-management of cataract and glaucoma Alan Crandall, MD
4:30 – 4:45 p.m.	Toxic Anterior Segment Syndrome (TASS) Nick Mamalis, MD
4:45 – 5:00 p.m.	Traumatic cataracts: After the trauma – What do we do now Kendall Donaldson, MD
5:00 – 5:15 p.m.	Delayed pupilloplasty and IOL work for traumatic cases Bradley Randleman, MD
5:15 – 5:30 p.m.	Q & A
5:30 – 6:30 p.m.	Workshop – Slit Lamp Imaging Ethics Workshop
5:30 – 8:00 p.m.	<b>President's Wine and Cheese reception</b>

## Saturday, February 11, 2017

7:15 – 7:50 a.m.	Registration
7:50 – 8:00 a.m.	President's remarks

### **Session V                      Cataract**

8:00 – 8:15 a.m.	Achieving > 90% accuracy in your IOL calcs – new methods of IOL calcs compared (Ladas Super Formula vs Barrett Universal vs Hill RBF) Uday Devgan, MD
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8:15 – 8:30 a.m.	Refractive cataract surgery Bradley Randleman, MD
8:30 – 8:45 a.m.	My approach to refractive cataract surgery options for patients Uday Devgan, MD
8:45 – 9:00 a.m.	The latest in diagnostics and treatments for ocular surface disease and how this impacts surgical outcomes Kendall Donaldson, MD
9:00 – 9:15 a.m.	Update on accommodating IOLs Nick Mamalis, MD
9:15 – 9:45 a.m.	<b>Roundtable: Why do Femtosecond Laser Cataract Surgery</b> Moderator: Kendall Donaldson, MD Panel: Drs. Crandall, Devgan, Mamalis, Randleman
9:45 – 10:00 a.m.	Q & A
10:00 – 10:30 a.m.	<b>Break and visit the exhibits</b>
<b>Session VI</b>	<b>Retina</b>
10:30 – 11:00 a.m.	“Heads Up” Digitally assisted vitreoretinal surgery — The future is now Christopher Riemann, MD
11:00 – 11:15 a.m.	Endoscopic vitrectomy Christopher Riemann, MD
11:15 – 11:30 a.m.	Bilateral same day surgery — Where do we stand? Kendall Donaldson, MD



11:30 – 11:45 a.m.      Prevention of endophthalmitis  
Nick Mamalis, MD

11:45 – 12:00 p.m.      Post injection endophthalmitis  
Christopher Riemann, MD

12:00 – 12:15 p.m.      27 Gauge PPV — Rationale and a primer  
on a promising new technology  
Christopher Riemann, MD

12:15 – 12:30 p.m.      Q & A

**12:30 – 1:45 p.m.      Lunch**

## **Session VII      Cataract**

1:45 – 2:00 p.m.      IOL calcs finally understood  
Uday Devgan, MD

2:00 – 2:15 p.m.      Adjustable IOL technology  
Nick Mamalis, MD

2:15 – 2:30 p.m.      Choosing the appropriate IOL after corneal  
refractive surgery  
Bradley Randleman, MD

2:30 – 2:45 p.m.      Surgically induced astigmatism and toric IOLs —  
you're doing it wrong  
Uday Devgan, MD

2:45 – 3:00 p.m.      Femtosecond laser assisted cataract surgery;  
trends, techniques and technology  
Alan Crandall, MD

3:00 – 3:15 p.m.      Q & A

**3:15 – 3:45 p.m.      Break and visit the exhibits**

## **Session VIII**

## **Uveitis**

3:45 – 4:15 p.m.	Systemic treatment of the uveitides Douglas Jabs, MD
4:15 – 4:30 p.m.	The many faces of syphilis Debra Goldstein, MD
4:30 – 4:45 p.m.	Biologics for the treatment of the uveitides Douglas Jabs, MD
4:45 – 5:00 p.m.	Infectious posterior uveitis Debra Goldstein, MD
5:00 – 5:15 p.m.	Q & A
5:30 – 6:30 p.m.	Workshop – Update on MACRA/MIPS Advanced Cataract, Uveitis, or Retinal Workshop

# **Sunday, February 12, 2017**

7:45 – 8:25 a.m.	Registration
8:25 – 8:30 a.m.	President's remarks

## **Session IX**

## **Retina**

8:30 – 9:00 a.m.	Ocular gene therapy: from the back to the front Timothy Stout, MD
9:00 – 9:30 a.m.	Ocular stem cell therapy: the good, the bad and the snake oil Timothy Stout, MD
9:30 – 9:45 a.m.	A new surgical technique for the delivery of sub-retinal liquids Christopher Riemann, MD

9:45 – 10:15 a.m. How to approach the patient with retinitis  
Debra Goldstein, MD

10:15 – 10:30 a.m. Methotrexate for the prevention of PVR –  
A pilot study  
Christopher Riemann, MD

10:30 – 10:45 a.m. Q & A

**10:45 – 11:00 a.m. Break**

## **Session X                      Cataract**

11:00 – 11:15 a.m. Cataract surgery in pseudo exfoliation  
Nick Mamalis, MD

11:15 – 11:30 a.m. A novel and new technique for scleral sutured  
PCIOL fixation  
Christopher Riemann, MD

11:30 – 11:45 a.m. Zonular deficiencies  
Alan Crandall, MD

11:45 – 12:00 p.m. IOL repositioning & exchange techniques  
Bradley Randleman, MD

12:00 – 12:30 p.m. **Roundtable: Challenging Cataract Cases**  
Moderator: Alan Crandall, MD  
Panel: Drs. Mamalis, Randleman, Riemann

12:30 – 12:45 p.m. Q & A

12:45 p.m. Closing

Every effort has been made to present the program as accurately as possible from information available at the time of printing. The New Orleans Academy of Ophthalmology reserves the right to make changes to the program.



## Hotel Accommodations

Sheraton New Orleans Hotel  
500 Canal Street  
New Orleans, LA 70130  
(504) 525-2500  
(888) 627-7033

A block of rooms have been reserved for registrants at the special rate of \$229.00. To make your hotel reservations, call the Sheraton and mention the ***New Orleans Academy of Ophthalmology***. The Sheraton may charge an early departure fee if your scheduled length of stay changes, so please inform the hotel prior to arrival on any change in departure date. After January 10, 2017, reservations will be on a space available basis. **Please make your reservations well in advance as there will be limited room availability after January 10, 2017.**

## Registration Information

All New Orleans Academy of Ophthalmology members should register in advance for the meeting. Please register online at [www.noao.org](http://www.noao.org) or send in the registration form.

The registration fee of \$545.00 includes all course materials and refreshments. The deadline for the early registration fee is January 20, 2017. After January 20, the fee is \$645.00. The registration fee of \$125.00 is for the allied health professional whose physician is not a NOAO member. The registration fee of \$25.00 is for allied health professionals whose physician is a NOAO member. These fees include entrance, all course materials and refreshments. There is no charge for residents if letter from chief of service accompanies the reservation form.

If you do not receive a confirmation of registration or you have any questions regarding this conference, please contact the Academy office at 504-861-2550.

## Cancellation policy

Cancellation requests must be made in writing via e-mail, facsimile or by mail. A cancellation fee of \$50.00 will be assessed if request is postmarked by January 20, 2017. After January 20, the cancellation fee is \$150.00. Please enclose a copy of your confirmation slip with your notice of cancellation.

**Note: No refunds will be made once the meeting begins.**

# Workshop Registration Information

The following workshops are available at no charge to attendees of the 2017 Annual Symposium:

## Slit Lamp Imaging

Instructor: Mark Maio, FOPS

Friday, February 10, 5:30 – 6:30 p.m.

With advances in technology, slit lamp imaging in the exam room is becoming easier and more affordable. This course will provide an overview of currently available slit lamp imaging options, the principles of slit lamp imaging hardware in addition to discussing illumination techniques to record a wide range of anterior segment pathologies.

## Ethics Workshop

Instructor: TBA

Saturday, February 10, 5:30 – 6:30 p.m.

Receive a 1 hour Ethics credit by attending this valuable workshop. Topic is likely to be one of the following: Expert Witness Testimony, Advertising or an update on the AAO's revised comprehensive co-management guidelines.

## Update on MACRA/MIPS

Instructor: Jeffery Daigrepoint

Saturday, February 11, 5:30 – 6:30 p.m.

Join expert consultant to the American Academy of Ophthalmology and Bunkie, Louisiana native son, Jeffery Daigrepoint, as he highlights the details you need to know about the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA) and one of the tracks of the Quality Payment Program -- the Merit-based Incentive Payment System (MIPS).

## Advanced Cataract, Uveitis or Retinal Workshop

Instructor: TBA

Saturday, February 11, 5:30 – 6:30 p.m.

Join our experts as they guide attendees through advanced ophthalmic pearls and pitfalls in cataract, uveitis or retina. Topic coming soon!

**Please register in advance for the workshops listed above. There are limited seats available.**

## New Orleans & Activity Information

All of the Big Easy's spectacular sights are still available and open to the public. Now's the time to re-acquaint yourselves with the city you fell in love with. New to the city? Then check out some of the sights listed below.

**The French Quarter:** This 12-block area, also called the *Vieux Carré* (Old Square), is the heart of the city and borders the Mississippi River. The narrow streets of two- and three-story French and Spanish inspired buildings have a unique look. If historic sites interest you, see the Gallier House Museum ([www.gnofn.org/~hggh](http://www.gnofn.org/~hggh)), the Hermann-Grima House ([www.gnofn.org/~hggh](http://www.gnofn.org/~hggh)), the Old Ursuline Convent, and the Beuregard-Keyes House (504-523-7257). You'll find everything from fabulous jazz and five-star restaurants to strip clubs on world-famous Bourbon Street.

**Cities of the Dead:** A high water table and an elevation below sea level resulted in the practice of building aboveground tombs. There are 42 cemeteries in the metropolitan New Orleans area. Metairie, the most beautiful, and St. Louis Number One, the oldest, are worth a visit. Tour companies such as Save Our Cemeteries (504-525-3377) and Haunted History Tours (504-861-2727) offer guided tours.

**Plantations and Historic Homes:** The Garden District, minutes from the French Quarter, features many stately mansions, including the pristine post-Civil War Van Benthuyzen-Elms Mansion and Gardens (504-895-5493, [www.elmsmansion.com](http://www.elmsmansion.com)).

The Longue Vue House (504-488-5488, [www.longuevue.com](http://www.longuevue.com)) in Old Metairie is a spectacular 45-room mansion designed in a Classical Revival style.

**By Land or by River:** For a different view of the Mardi Gras City, take a riverboat cruise on the Mississippi River. Sightsee by day or go on a dinner jazz cruise. The Cajun Queen Riverboat (504-523-0814, [www.neworleanspaddlewheels.com](http://www.neworleanspaddlewheels.com)), the Steamboat Natchez (504-586-8777, [www.steamboatnatchez.com](http://www.steamboatnatchez.com)) and the John James Audubon Riverboat (504-586-8777, [www.aquariumzoocruise.com](http://www.aquariumzoocruise.com)) all accept passengers. For landlubbers, the Riverfront streetcars are a great and economical way to sightsee.

### **For Families:**

The Crescent City boasts one of the top 5 Aquariums and Zoos in the United States. The Audubon Aquarium of the Americas (504-581-4629, [www.auduboninstitute.org](http://www.auduboninstitute.org)) features the largest collection of sharks and jellyfish and a rare white alligator. Located next to the French Quarter and beautiful Woldenberg Park, the Aquarium is sure to please young and old alike. The Audubon Zoo (504-212-5452, [www.auduboninstitute.org](http://www.auduboninstitute.org)) has more than 2,000 animals in their natural habitat settings, including the Louisiana Swamp.

# BLURRED LINES

Updates on Cataract, Uveitis and Retina

February 10-12, 2017  
Sheraton New Orleans Hotel

## Registration Form

66th Annual Symposium  
Blurred Lines: Updates  
on Cataract, Uveitis and  
Retina

Name (please print) \_\_\_\_\_ Degree \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip/Country \_\_\_\_\_

Telephone # \_\_\_\_\_ Fax # \_\_\_\_\_

E-mail \_\_\_\_\_

Are there any 2017 conference-related topics that would better assist you in practice?

Please list: \_\_\_\_\_

### Registration fees (please check one):

(please check one):	Postmarked by 1/20/17	Postmarked after 1/20/17 – onsite
NOAO member	<input type="checkbox"/> No charge if dues are paid by 1/1/17	<input type="checkbox"/> \$475.00
Physician	<input type="checkbox"/> \$545.00	<input type="checkbox"/> \$645.00
Allied Health Professional	<input type="checkbox"/> \$125.00 (physician not an NOAO member)	
Allied Health Professional	<input type="checkbox"/> \$25.00 (physician is a NOAO member, letter required)	
Resident/Fellow	<input type="checkbox"/> No charge with letter from chief of service	

### \*Workshop Registration (check only one per day)

- |   |   |
|---|---|
| <input type="checkbox"/> Slit Lamp Imaging<br>Friday, February 10, 5:30 – 6:30 p.m. | <input type="checkbox"/> Update on MACRA/MIPS<br>Saturday, February 11, 5:30 – 6:30 p.m.                              |
| <input type="checkbox"/> Ethics Workshop<br>Friday, February 10, 5:30 – 6:30 p.m.   | <input type="checkbox"/> Advanced Cataract, Uveitis<br>or Retinal Workshop<br>Saturday, February 11, 5:30 – 6:30 p.m. |

### Payment Information

Personal Check       Visa       MasterCard       Discover

Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_ Security Code \_\_\_\_\_

\$ \_\_\_\_\_ Total Amount Enclosed

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New Orleans Academy of Ophthalmology  
8131 Oak Street, Suite 300, New Orleans, LA 70118  
504-861-2550 tel, 504-861-2549 fax or  
Register on-line at [www.noao.org](http://www.noao.org)

# **New Orleans Academy of Ophthalmology**

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This activity has been approved  
for *AMA PRA Category 1 Credits™*