



# REFLECTIONS on the BAYOU

UPDATES IN RETINA, OCULOPLASTICS AND ANTERIOR SEGMENT

New Orleans Academy of Ophthalmology  
64th Annual Symposium

**January 30–February 1, 2015**

Sheraton New Orleans Hotel

# New Orleans Academy of Ophthalmology 64th Annual Symposium

**January 30–February 1, 2015**

Sheraton New Orleans Hotel

## **Program Committee Chairs**

Brandon Davis, M.D. and Anthony Mazzulla, M.D.

## **Program Committee**

Adham al Hariri, M.D.

Bruce Barron, M.D.

Owen Leftwich, M.D.

Pulin Shah, M.D.

Michael Worley, M.D.

## **Needs Assessment**

Over the last few years, new medical and surgical techniques have expanded the physician's armamentarium for treating retinal disease, particularly with respect to Age Related Macular Degeneration and Diabetic Retinopathy. Treatment for this set of diseases is constantly evolving, and ophthalmologists need frequent updates on diagnosing and managing vitreoretinal diseases.

Newer alternatives now exist in the medical management of thyroid eye disease, as well as options for the rejuvenation of the aging face, ptosis, and orbital fractures. Successfully managing the oculoplastic patient requires that the clinicians are aware of the latest procedures in cosmetic and aesthetic oculoplastics.

The management of the patient with cataract becomes more complex each year. Successful management requires proper selection of preoperative regimen, skillful removal of the cataract with the latest equipment and techniques, insertion of the best of several lens implant technologies applicable for that patient, and knowledgeable postoperative management. As cataract and refractive procedures comprise the bulk of a comprehensive ophthalmologist's practice, it is necessary to update their competence on cataract management and surgery, particularly with respect to complicated or complex cataract issues such as dislocated intraocular lenses.

Frequent, in-depth discussion of the latest developments with experts who help these fields evolve is a necessity.

## **Purpose**

The focus of this meeting will be to update the comprehensive ophthalmologist as well as the specialist in retina, anterior segment or oculoplastics on recent

clinical trials, new techniques and treatments that impact the standard of care in retina, anterior segment and oculoplastics as well as research on future developments in these disciplines.

## Educational Objectives

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

- Analyze case studies in complex/complicated cataract surgeries
- Appraise the newest improvements in the medical and surgical management of diabetic retinopathy and perform a proper evaluation
- Apply effective diagnostic modalities, and medical and surgical treatments to the patient with diabetic macular edema
- Apply the most advantageous treatment modality for patients with AMD
- Compare the various surgical options for the rejuvenation of upper lids and brows
- Critique the latest surgical techniques and treatments for retinal detachments
- Evaluate, manage and select the proper medical and surgical treatment for thyroid eye disease
- Identify new techniques in femtosecond-assisted cataract surgery
- Identify the different classifications of orbital fractures
- Integrate anti-VEGF medications into pre-existing treatment paradigms for age-related macular degeneration and diabetic retinopathy
- Recognize choroidal melanoma and cite new treatments that are currently in development
- Recognize orbital and conjunctival tumors and coordinate patient's evaluation and treatment
- Recognize retinoblastoma and coordinate patient's evaluation and treatment
- Summarize future treatments for neovascular and atrophic Age-Related Macular Degeneration
- Understand and minimize complications in collagen cross-linking.

## 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

### **Riva Lee Asbell, AB, CO**

Clinical Assistant Professor of Surgery  
UMDNJ–Robert Wood Johnson  
Medical School  
New Brunswick, NJ

### **David M. Brown, MD**

Director of Clinical Research  
Retina Consultants of Houston  
Houston, TX

### **Steve Charles, MD, FACS, FICS**

Clinical Professor  
Department of Ophthalmology  
University of Tennessee, Memphis  
Founder, Charles Retina Institute  
Memphis, TN

### **Jeffery Daigrepoint**

Senior Vice President  
Coker Group  
Alpharetta, GA

### **Eric Donnenfeld, MD, FAAO**

National Medical Director  
TLC Laser Center  
Private Practice, Ophthalmic  
Consultants of Long Island  
Long Island, NY

### **Vikram Durairaj, MD, FACS**

Clinical Professor of Ophthalmology  
and Otolaryngology  
Texas Oculoplastic Consultants  
Austin, TX

### **John McCann, MD, PhD**

Chair, Department of Ophthalmology  
Intermountain Medical Center  
Private Practice, The Eye Institute of Utah  
Salt Lake City, UT

### **Timothy G. Murray, MD, MBA, FACS**

Professor (Emeritus), Founding Director  
Murray Ocular Oncology and Retina  
Miami, FL

### **Jeffrey Nerad, MD**

Professor of Ophthalmology  
University of Cincinnati  
Private Practice, Cincinnati Eye Institute  
Cincinnati, OH

### **Terrence P. O'Brien, MD**

Professor of Ophthalmology  
Bascom Palmer Eye Institute  
Palm Beach Gardens, FL

### **Carl D. Regillo, MD**

Director, Wills Eye Hospital Retina Service  
Professor of Ophthalmology  
Wills Eye Hospital and  
Thomas Jefferson University  
Philadelphia, PA

### **Carol S. Shields, MD**

Professor of Ophthalmology  
Thomas Jefferson University  
Co-Director, Oncology Service  
Wills Eye Institute  
Philadelphia, PA

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**The New Orleans Academy of Ophthalmology** relies upon invited speakers at all sponsored continuing medical education activities to provide information objectively and free from bias or conflict of interest. In accordance with ACCME and institutional guidelines pertaining to potential conflicts of interest, the faculty for this continuing medical education activity has been asked to complete faculty disclosure forms. In the event that some invited speakers indicate that they have a relationship which, in the context of the subject of their invited presentation, could be perceived as a potential conflict of interest, they have agreed to disclose such a relationship, but do not consider that it will influence their presentation. The intention is to provide full disclosure of any potential conflict-of-interest, real or perceived, which is related to a specific event.

# PROGRAM AGENDA

## Friday, January 30, 2015

7:00–7:45 a.m. Registration

7:55–8:00 a.m. President's Remarks

### Session I Retina: Tumors

8:00–8:15 a.m. Choroidal nevus. Nuts and bolts – Just the facts  
Carol Shields, MD

8:15–8:30 a.m. Choroidal Melanoma: Where are We Going?  
Carol Shields, MD

8:30–8:45 a.m. Advanced Management of Melanoma  
Timothy Murray, MD

8:45–9:00 a.m. Vitreo-Retinal Surgical Management in Ocular  
Oncology  
Timothy Murray, MD

9:00–9:15 a.m. Retinoblastoma. Role of Chemotherapy  
Carol Shields, MD

9:15–9:30 a.m. Advanced Management of Retinoblastoma  
Timothy Murray, MD

9:30–9:45 a.m. Q & A

9:45–10:20 a.m. **Break and Visit the Exhibits**

### Session II Retina Video Symposium I

10:20–10:40 a.m. OCT for the General Ophthalmologist  
David Brown, MD

10:40–10:55 a.m. OCT Findings of Tumors  
Carol Shields, MD

10:55–11:15 a.m.	Economics of Retina Timothy Murray, MD
11:15–11:35 a.m.	How to Run an Efficient Clinic–Toyota Production System/Lean Medicine as it Applies to Ophthalmic Clinics David Brown, MD
11:35–11:50 a.m.	The Future of Retina –Upcoming Trials, Artificial Vision David Brown, MD
11:50 a.m.–12:05 p.m.	Q & A
12:05–1:25 p.m.	<b>Lunch and Visit the Exhibits</b>

### Session III

### Oculoplastics

1:25–1:45 p.m.	The Aging Face: Anatomy, Physiology, Treatment John McCann, MD
1:45–2:00 p.m.	Lumps and Bumps around the Eyes – Do I Need to Biopsy? Jeffrey Nerad, MD
2:00–2:20 p.m.	Principles of Eyelid Reconstruction Vikram Durairaj, MD
2:20–2:35 p.m.	Rejuvenation of the Upper Lids and Brows: Mechanisms and Interactions John McCann, MD
2:35–2:55 p.m.	Mullerectomy versus the External Approach to Blepharoptosis Repair: Point, Counterpoint! Jeffrey Nerad, MD

2:55–3:10 p.m. 3-Dimensional Approach to Lower Eyelid  
Blepharoplasty  
Vikram Durairaj, MD

3:10–3:25 p.m. Q & A

3:25–3:55 p.m. **Break and Visit the Exhibits**

## **Session IV Oculoplastics**

3:55–4:10 p.m. The Polar Approach to Facial Rejuvenation  
John McCann, MD

4:10–4:35 p.m. Diagnosis of the “Tearing” Patient  
Jeffrey Nerad, MD

4:35–4:50 p.m. Adult Orbital Tumors  
Vikram Durairaj, MD

4:50–5:05 p.m. Conjunctival Tumors in Adults: They Can  
Be Life Threatening  
Carol Shields, MD

5:05–5:20 p.m. Forehead and Midface Rejuvenation  
via Eyelid Incisions  
John McCann, MD

5:20–5:30 p.m. Q & A

5:30–6:30 p.m. **Workshop: Botulinum Toxin Applications**  
**Workshop: ICD-10 Readiness**

# **Saturday, January 31, 2015**

7:15–7:50 a.m. Registration

7:50–8:00 a.m. President’s Remarks

## Session V

### Retina: Age-Related Macular Degeneration

8:00–8:15 a.m.

Management of Age-Related Macular Degeneration 2015  
David Brown, MD

8:15–8:30 a.m.

Neovascular AMD: Current Management with Anti-VEGF Agents  
Carl Regillo, MD

8:30–8:45 a.m.

Future Treatments of Neovascular AMD  
Carl Regillo, MD

8:45–9:00 a.m.

Stem Cell Therapy for Atrophic AMD  
Carl Regillo, MD

9:00–9:30 a.m.

**Roundtable: Case Presentation, Classic Choroidal Neovascularization, Pigment Epithelial Detachments, Recurrent Cicatricial Disease**  
Moderator: David Brown, MD  
Panel: Drs. Charles, Murray, Regillo

9:30–9:45 a.m.

Q & A

9:45–10:15 a.m.

**Break and Visit the Exhibits**

## Session VI

### Retina: Diabetic Macular Edema

10:15–10:30 a.m.

What the anti-VEGF Trials Teach Us about the Pathophysiology of Retinal Vein Occlusions  
David Brown, MD

10:30–10:50 a.m.

Management of Diabetic Macular Edema in 2015  
David Brown, MD



10:50–11:10 a.m. Treatment of Diabetic Macular Edema  
Carl Regillo, MD

11:10–11:30 a.m. Current Treatments for DME  
Tim Murray, MD

11:30–11:45 a.m. Q & A

11:45 a.m.–1:00 p.m. **Lunch and Visit the Exhibits**

## **Session VII Anterior Segment**

1:00–2:00 p.m. Complex/Complicated Cataract Surgery Grand Rounds  
Eric Donnenfeld, MD  
Terrence O'Brien, MD

2:00–2:15 p.m. What to Do when Things Go Wrong in Cataract Surgery  
David Brown, MD

2:15–2:30 p.m. Vitreous Loss and Dislocated Lens Material During  
Cataract Surgery  
Steve Charles, MD

2:30–2:55 p.m. **Roundtable: Management of Dislocated IOLs**  
Moderator: Eric Donnenfeld, MD  
Panel: Drs. Brown, Charles, O'Brien, and Regillo

2:55–3:05 p.m. Q & A

3:05–3:35 p.m. **Break and Visit the Exhibits**

## **Session VIII Orbit**

3:35–3:50 p.m. Management of Preseptal and Orbital Cellulitis  
Terrence O'Brien, MD

3:50–4:05 p.m.	Understanding Orbital Fractures: Diagnosis and Classification Jeffrey Nerad, MD
4:05–4:20 p.m.	Clinical Features and Treatment of Orbit Fractures Vikram Durairaj, MD
4:20–4:50 p.m.	<b>Roundtable: Graves Disease–Diagnosis, Staging, Medical Treatment and Surgical Trends</b> Moderator: Vikram Durairaj, MD Panel: Drs. McCann and Nerad
4:50–5:05 p.m.	Q&A
5:15–6:15 p.m.	<b>Workshop: Practice Management</b> <b>Workshop: Femtosecond Laser and other Devices</b>

## Sunday, February 1, 2015

7:00–7:25 a.m.	Registration
7:25–7:30 a.m.	Housekeeping Remarks
7:30–8:30 a.m.	<b>Workshop: Early Morning Eye Opener</b>

### Session IX      Anterior Segment

8:30–8:45 a.m.	Advances in Corneal Surgery: What the FALK? Terrence O'Brien, MD
8:45–9:00 a.m.	Dissatisfaction with Refractive IOLs and Pearls for Exchange Surgery Terrence O'Brien, MD
9:00–9:15 a.m.	Update on Corneal Crosslinking Eric Donnenfeld, MD

9:15–10:05 a.m.      **Roundtable: Hot Topics in Cataract and Refractive Surgery—A Case Based Discussion**  
Eric Donnenfeld, MD  
Terrence O'Brien, MD

10:05–10:20 a.m.      Q & A

10:20–10:35 a.m.      **Break**

**Session X                      Retina: Surgery**

10:35–10:50 a.m.      Vitreomacular Surgery  
Steve Charles, MD

10:50–11:05 a.m.      Management of VMT  
Timothy Murray, MD

11:05–11:20 a.m.      Current Management of Vitreomacular Interface Disorders: VMT and Macular Holes  
Carl Regillo, MD

11:20–11:35 a.m.      Advances in Surgery for Retinal Detachment (why buckles are obsolete)  
Steve Charles, MD

11:35 a.m.–12:05 p.m.      **Roundtable: Practical Management of Retinal Detachments**  
Moderator: Steve Charles, MD  
Panel: Drs. Brown, Murray and Regillo

12:05–12:20 p.m.      Q & A

12:20–12:30 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 has 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 December 29, 2014, reservations will be on a space available basis. **Please make your reservations well in advance as there will be limited room availability after December 29, 2014.**

## 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 enclosed registration form.

The registration fee of \$545.00 includes all course materials and refreshments. The deadline for the early registration fee is January 20, 2015. After January 20, the fee is \$595.00. The registration fee of \$125.00 is for the allied health professional whose physician is not an NOAO member. The registration fee of \$25.00 is for the allied health professional whose physician is a NOAO member. These fees include entrance, all course materials, and refreshments. There is no charge for residents if a letter from the chief of service accompanies the registration form.

If you do not receive a confirmation of registration or if 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 mail. A cancellation fee of \$50.00 will be assessed if request is postmarked by January 20, 2015. 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 2015 Annual Symposium:**

## **ICD-10 Readiness**

Instructor: Riva Lee Asbell, AB, CO  
Friday, January 30, 5:30–6:30 p.m.

The October 2015 deadline is looming - are you ready for the transition to ICD-10? Do you know the definitive differences between ICD-9 and ICD-10? This workshop will review the stages of preparedness (as outlined by CMS) to get you and your team ready for ICD-10 implementation. The course will identify various types of educational programs that meet your needs, facilitate the basic steps in chart documentation and billing processes to ensure readiness, and give you a comprehensive plan for moving forward with ICD-10.

## **Botulinum Toxin Applications**

Instructor: TBD  
Friday, January 30, 5:30–6:30 p.m.

Get hands-on, personalized instruction on the basics of botulinum toxin. This workshop will identify the proper sites, doses, and indications for the injection of botulinum toxin, as well as tips for avoiding technique related complications. Note: Space is extremely limited. Please register early to ensure your spot in the course.

## **Practice Management**

Instructor: Jeffery Daigrepoint  
Saturday, January 31, 5:15–6:15 p.m.

Join expert consultant to the American Academy of Ophthalmology and Bunkie, Louisiana native son, Jeffery Daigrepoint, as he guides attendees through ophthalmic practice management pearls and pitfalls. Topic coming soon!

## **Femtosecond Laser and New Devices**

Instructor: TBD  
Saturday, January 31, 5:15–6:15 p.m.

This workshop will explore the many uses for the femtosecond laser, from advanced cataracts, small pupil, and posterior capsulorrhexis. Led by one of the premier experts in the field, this workshop is sure to be a crowd pleaser.

**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 Beaugregard-Keyes House (504-523-7257). You'll find everything from fabulous jazz and five-star restaurants to night 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 Benthuyssen-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.aquariumzooconline.com](http://www.aquariumzooconline.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.

## **It's Mardi Gras!**

Mardi Gras falls on Feb. 17 this year, so the symposium is taking place during the Carnival season. The following parades will roll during the weekend of the symposium:

Sat. Jan. 31

Krewe du Vieux, 6:30pm, French Quarter  
Krewe Delusion follows

Sun. Feb 1

Krewe of Little Rascals, 12:00pm,  
Metairie

For maps and more information, visit <http://www.mardigrasneworleans.com/>.

# REFLECTIONS on the BAYOU

UPDATES IN RETINA, OCULOPLASTICS AND ANTERIOR SEGMENT

## Registration Form

64th Annual Symposium  
Reflections on the Bayou:  
Updates in Retina, Oculoplastics  
and Anterior Segment  
January 30–February 1, 2015  
Sheraton New Orleans Hotel

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

Address \_\_\_\_\_

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

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

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

Are there any conference-related topics that would better assist you in practice?  
Please list: \_\_\_\_\_

### Registration fees (please check one):

(please check one):	Postmarked by 1/20/15	Postmarked after 1/20/15–onsite
NOAO member	<input type="checkbox"/> No charge if dues are paid by 1/20/15	<input type="checkbox"/> \$475.00
Physician	<input type="checkbox"/> \$545.00	<input type="checkbox"/> \$595.00
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"/> ICD-10 Readiness<br>Friday, January 30, 5:30–6:30 p.m.             | <input type="checkbox"/> Practice Management<br>Saturday, January 31, 5:15–6:15 p.m.   |
| <input type="checkbox"/> Botulinum Toxin Applications<br>Friday, January 30, 5:30–6:30 p.m. | <input type="checkbox"/> The Femtosecond Laser<br>Saturday, January 31, 5:15–6:15 p.m. |

### Payment Information

Personal Check       Visa       MasterCard       Discover

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

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

Please detach and mail this form with payment to:  
New Orleans Academy of Ophthalmology, 7733 Maple Street, New Orleans, LA 70118  
504-861-2550 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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New Orleans, LA 70118  
[www.noao.org](http://www.noao.org)

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