

54th Annual C.S. O'Brien Professor

James P. McCulley, MD, FACS, FRCOphth(UK)
(University of Texas Southwestern Medical Center)

41st Annual Tulane Eye Alumni Day



Paula Burch-Celestano | Tulane U

Featuring

Paul T. Finger, MD, FFAO, FACS (New York Eye Cancer Center)
The Paul T. Finger, MD Lecture

Matthew W. Wilson, MD (University of Tennessee)
The Barrett G. Haik, MD Lecture

Brian A. Francis, MD, MS (Doheny Eye Institute UCLA)
The Moses Carl Wilensky Lecture

Alan R. Faulkner, MD (Aloha Laser Vision)
The Outstanding Tulane Eye Alumnus

Faculty and Resident Presentations

June 7 - 8, 2019

Renaissance New Orleans Pere Marquette Hotel • New Orleans, Louisiana

We gratefully acknowledge our generous sponsors





Ophthalmology Faculty

- Delmar R. Caldwell, MD
*Professor / Chairman
Cornea & External Disease*
- Kyle V. Acosta, MD
*Clinical Assistant Professor, Ophthalmic
Plastic & Reconstructive Surgery*
- Susan E. Azar, MD
*Assistant Professor, Comprehensive
& Pediatric Ophthalmology*
- Diane A. Blake, PhD
Adjunct Professor, Biochemistry
- Victor M. Carriere, MD
*Clinical Assistant Professor
Comprehensive Ophthalmology
VA New Orleans*
- Candace C. Collins, MD
*Clinical Assistant Professor
Pediatric Ophthalmology & Strabismus*
- Mandi D. Conway, MD
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Comprehensive Ophthalmology*
- Arley G. Jaramillo, MD
*Clinical Assistant Professor
Retina-Vitreous*
- Peter R. Kastl, MD, PhD
*Professor
Director, Residency Program
Chief, Rapides
Cornea / Anterior Segment*
- Curtis E. Margo, MD
Instructor, Ocular Pathology
- Rebecca C. Metzinger, MD
*Associate Professor
Service Chief, SLVHCS
Cornea / Anterior Segment*
- Thomas C. Naugle, MD
*Clinical Professor
Oculoplastic, Reconstructive,
and Orbital Surgery*
- Gholam A. Peyman, MD
Professor Emeritus, Retina-Vitreous
- Thomas R. Robinson, MD
*Clinical Instructor, Comprehensive
Ophthalmology, VA Alexandria*
- Joel G. Sacks, MD
*Professor Emeritus,
Neuro-Ophthalmology*
- Jody W. Simon MD
*Assistant Professor
Cornea & External Disease*
- Ze Zhang MD
*Assistant Professor
Assistant Director, Residency Program
Glaucoma*



2019 Senior Residents

Daniel R. Salisbury, MD
Chief Resident

Sara De La Rosa, MD

Nishika R. Muddasani, MD

Michael A. Puente, Jr., MD

Audra A. Zimmer, MD



Second Year Residents

Jasdeep S. Chahal, MD

David I. Green, MD

Margaret C. Hubbell, MD, PhD

Jacquelyn F. Laplant, MD

Rachel H. Schneider, MD



First Year Residents

Eric L. Caskey, MD

Aditi Gupta, MD

Farid M. Khan, MD

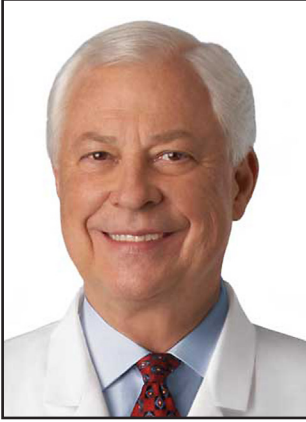
Lauren H. Lim, MD

Caroline C. Watson, MD



*A special thanks
to all who have helped
Tulane University
Department of
Ophthalmology
Residents and Fellows
throughout the
2018-2019
academic year.*

Cecil S. O'Brien Professor



James P. McCulley, MD, FACS, FRCOphth(UK)

*Professor and Chair,
David Bruton, Jr. Chair in Ophthalmology
University of Texas Southwestern
Medical Center*

James P. McCulley, M.D. was born in Fort Worth, Texas, graduated from Texas Christian University in 1965, and received its Distinguished Alumnus Award in 2001. He then attended Washington University School of Medicine in St. Louis, Missouri, where he received a Medical Degree in 1968 and received its Alumni Award in 2008. He subsequently did a medical internship on the Harvard Medical Service at Boston City Hospital. He completed his residency and a fellowship in Cornea and External Disease at the Massachusetts Eye and Ear Infirmary and received its Distinguished Alumnus Achievement Award in 2006. He was then a staff ophthalmologist at Bethesda Naval Hospital (1974-1976) before joining the faculty in the Department of Ophthalmology at Stanford University Medical School. He spent four years at Stanford researching the development of a technique for the transplantation of tissue cultured corneal endothelium as an alternative to full thickness corneal transplantation, evaluation of ocular chemical injuries, and an N.I.H. supported research project evaluating various types of chronic blepharitis. He then joined the faculty at The University of

Texas Health Science Center at Dallas, Southwestern Medical School, in 1980 before becoming Professor and Chairman of the Department of Ophthalmology in 1981. Dr. McCulley also holds the David Bruton, Jr. Chair in Ophthalmology.

His research interests include more than twenty-five years of NEI/NIH supported evaluation into the pathophysiology and therapy of chronic blepharitis and associated 'dry eyes.' His research interests have also included extensive evaluation of acanthamoeba keratitis. He also has a long-term interest in the tissue culture and transplantation of single layers of corneal endothelium and epithelium. His major more recent research has focused on refractive surgery development and outcomes, i.e. corneal refractive surgery, LASIK and intraocular lenses (IOLs) and presbyopic correcting IOLs. He has published over 350 citable scientific publications. He has served as Chair of the NEI Study Section and Chair of the FDA Ophthalmic Device Panel.

Dr. McCulley also serves as an Examiner for the American Board of Ophthalmology, and has the lead role in the establishment of the annual Ball for Eye Research in Dallas, Texas.

The Paul T. Finger, MD Lecture



Paul T. Finger, MD, FAAO, FACS

*Clinical Professor of Ophthalmology,
New York University School of Medicine
Director, New York Eye Cancer Center*

Paul T. Finger, MD, FACS is a Clinical Professor of Ophthalmology at the New York University School of Medicine in New York City, New York. He is also the Director of The New York Eye Cancer Center and Ocular Tumor Services at New York University and The New York Eye and Ear Infirmary of Mt. Sinai. He consults for Northwell Health Complex of affiliated Hospitals including Manhattan Eye, Ear and Throat Hospital. He also served two terms as Chairman of the American Joint Committee on Cancer Ophthalmic Oncology Task Force developing the first consensus staging system for ocular cancers, he developed and served as Chair of The American Brachytherapy Society's 2014 Committee that provided consensus guidelines for ophthalmic plaque brachytherapy for choroidal melanoma and retinoblastoma, he was the only ophthalmologist asked to serve on the 2012 American Association of Physicists in Medicine's Task Group-129 that produced both dosimetry and quality assurance standards for plaque

brachytherapy. Dr. Finger earned his MD from Tulane University School of Medicine, served his internship at St. Vincent's Medical Center in New York City, and completed a residency at The Manhattan Eye, Ear and Throat Hospital in New York City, New York. He finished a fellowship in Ocular tumor, Orbital disease and Ophthalmic Radiation Therapy with Samuel Packer, MD at North Shore University Hospital-Cornell University Medical College. Dr. Finger is a life member of the American Academy of Ophthalmology, the American Joint Committee on Cancer, the Commission on Cancer, the Retina Society, the American Society of Retinal Specialists, The International Council of Ophthalmology, the Union for International Cancer Control, the International Society of Ophthalmic Oncology and the American Society for Radiation Oncology. Dr. Finger is the President and Chief Executive officer of LV Liberty Vision Corporation (<http://libertyvision.com>).

The Barrett G. Haik, MD Lecture



Matthew W. Wilson, MD, FACS

*Professor, St Jude Endowed Chair
in Pediatric Ophthalmology
The Hamilton Eye Institute,
University of Tennessee
Health Science Center*

Matthew W. Wilson, MD, FACS is Professor of Ophthalmology at the Hamilton Eye Institute / University of Tennessee Health Sciences Center. Dr. Wilson is a native of Atlanta, GA and completed his medical degree, residency and ophthalmic pathology fellowship at Emory University. He completed additional fellowship training in ocular oncology at St Bartholomew's Hospital and Moorfields Eye Hospital in London, England and ophthalmic plastics and reconstructive surgery at Casey Eye Institute/ Oregon Health Science University. Dr. Wilson currently serves as Director of Ocular Oncology and Vice Chair of Academic Affairs. He has active clinical and

translational research; he has published over 140 peer-reviewed manuscripts. He has worked extensively with the Department of Pediatric Global Medicine to build retinoblastoma centers of excellence in Central America, Middle East and South East Asia. He has trained numerous fellows in both ocular oncology and oculoplastics. Dr. Wilson holds the St Jude Children's Research Hospital Endowed Chair in Pediatric Ophthalmology.

The Moses Carl Wilensky Lecture



Brian A. Francis, MD, MS

*Health Sciences Clinical Professor of Ophthalmology
David Geffen School of Medicine at UCLA
Doheny Eye Institute | UCLA Stein Eye Institute
UCLA Department of Ophthalmology*

Brian Francis, MD is a leading expert in the field of glaucoma surgical treatment and diagnostics. He is a pioneer in the field of minimally invasive glaucoma surgery (MIGS), a new group of surgeries including Trabectome, iStent, canaloplasty, endoscopic cyclophotocoagulation (ECP), as well as others still in clinical trials. He also has an interest in new imaging modalities in glaucoma diagnosis including optical coherence tomography (OCT) and ultrasound biomicroscopy (UBM).

Education

- MD, Tulane University School of Medicine
- Residency, Ophthalmology, Tulane University Hospital & Clinics
- Fellowship, Glaucoma, UCSF Medical Center

Medical Board Certifications

- American Board of Ophthalmology
- Research Activities
- Novel glaucoma surgeries
- Minimally invasive glaucoma surgery (MIGS)
- Novel visual field techniques
- Glaucoma diagnostic imaging (Fourier domain OCT)
- Glaucoma functional imaging (FDOCT)
- Anterior segment imaging (ultrasound biomicroscopy and FDOCT)
- Glaucoma laser surgery

Outstanding Tulane Eye Alumnus



Alan R. Faulkner, MD

Aloha Laser Vision

Resident Graduate 1990

Fellowship Graduate 1991

Alan Faulkner, MD grew up in Hawaii from the age of eight, graduating from Punahou High School in Honolulu. He went on to receive his Bachelor of Arts degree from Northwestern University in Evanston, Illinois and graduated from Tulane Medical School in New Orleans, Louisiana in 1986. While in medical school he was elected to the National Medical School Honors Society Alpha Omega Alpha. He remained at Tulane, completing an internship in Internal Medicine, residency training in Ophthalmology, and a Fellowship in Oculoplastics, Ocular Oncology, and Orbital Disease.

His training complete, Dr. Faulkner joined the full-time faculty at Tulane as an Assistant Professor of Ophthalmology before going on to practice general

ophthalmology and refractive surgery. In June 2000, Dr. Alan Faulkner joined his father's practice in Honolulu at Faulkner Eye Institute, and in July 2001 founded Aloha Laser Vision, LLC.

While at Tulane University, Dr. Alan Faulkner served on many academic committees and held several leadership positions, including:

- Residency Program Director of Ophthalmology (four years)
- Ophthalmology Section Chief at Charity Hospital of New Orleans
- Directing the Oculoplastics, Ocular Oncology, and Orbital Disease Service at Tulane University Medical Center
- Board Member and Associate Medical Director of the Southern Eye Bank



- 8:00 am Registration/Continental Breakfast**
- 8:55 am Welcome Address**
- Delmar R. Caldwell, MD
- SESSION CHAIRED BY:** *Ze Zhang, MD*
- 9:00 am Clarification of the Glaucoma Suspect Diagnosis: Reviewing Outcomes and Progression of Patients Initially Assessed as Glaucoma Suspects in Tulane Ophthalmology VA Facilities**
- Farid M. Khan, MD
 - Ze Zhang, MD
- 9:15 am Update on Surgical Outcomes of Phacoemulsification/Goniosynechialysis with and without Endocyclophotocoagulation in Patients with Chronic Angle Closure Glaucoma**
- Margaret C. Hubbell, MD, PhD
 - Ze Zhang, MD
 - Ramesh S. Ayyala, MD
- 9:30 am Quality Improvement at Tulane Ophthalmology**
- Jasdeep S. Chahal, MD
 - Ze Zhang, MD
- 9:45 am Initial Risk Assessment of Ocular Hypertension and Glaucoma Suspects: An Analysis of the Practices of Tulane Residents at VA Facilities**
- Lauren H. Lim, MD
 - Ze Zhang, MD
- 10:00 am 12-Month Multicenter Outcomes with XEN Microshunt**
- Sara De La Rosa, MD
 - Ze Zhang, MD
 - Ramesh S. Ayyala, MD
- 10:15 am BREAK**



SESSION CHAIRED BY: *Jody W. Simon, MD*

**10:30 am Analysis of FDA Policy Regarding Corneal Donation
by Gay Men**

- Michael A. Puente, Jr., MD
- Peter R. Kastl, MD, PhD

**10:45 am Microbiologic Spectrum and Patient Characteristics
of Eye Cultures**

- Eric L. Caskey, MD
- Eric J. Schmidt, MD

**11:00 am Is Routine Fundoscopic Screening Warranted:
Prevalence of Ocular Involvement in Hospitalized
Patients with Fungemia**

- Aditi Gupta, MD
- Susan E. Azar, MD

**11:15 am Optical Coherence Tomography Measurement
of the Muscle-Tendon Complex and Choroidal
Thickness in Thyroid Eye Disease –
Correlation with Clinical Activity Score**

- Jacquelyn F. Laplant, MD
- Susan E. Azar, MD

**11:30 am Predicted Surgical Outcomes of Femto-Assisted Cataract
Surgery vs Traditional Cataract Surgery**

- Daniel R. Salisbury, MD
- Peter R. Kastl, MD, PhD

11:45 am Lunch (on your own)

SESSION CHAIRED BY: *Candace C. Collins, MD*

1:45 pm Re-evaluating the Ocular Trauma Score

- Rachel H. Schneider, MD
- Susan E. Azar, MD



2:00 pm Pre-Operative Risk Checklist for Resident Cataract Surgery: Has the Updated Version Further Helped Residents Prepare for Potential Complications and Improve Surgical Outcomes and Does Completeness Matter?

- Audra A. Zimmer, MD
- Susan E. Azar, MD

2:15 pm Emergent Management of Orbital Fractures

- Caroline C. Watson, MD
- Susan E. Azar, MD

2:30 pm UMCNO Diabetic Retinopathy Screening in the Primary Care Setting: A Quality Improvement Project

- David I. Green, MD
- Susan E. Azar, MD

2:45 pm BREAK

SESSION CHAIRED BY: *Peter R. Kastl, MD, PhD*

3:00 pm Eyes on Social Media: The Power of the Hashtag

- Nishika R. Muddasani, MD
- Brett C. Budden, MD

3:15 pm Topographic Flattening Induced by Oral Riboflavin and Ambient Sunlight in Keratoconus

- Karen N. Schaeffer, MS4
- Alan R. Schaeffer, MD

3:30 pm Medical Management of Glaucoma: Progress Through Time

- Ze Zhang, MD

3:45 pm Introduction of the 41st Annual James Allen Guest Lecturer/Outstanding Tulane Eye Alumnus – Alan R. Faulkner, MD

- Robert A. Gordon, MD, FAAP

3:50 pm Why? And the Other Lessons I've Learned

- Alan R. Faulkner, MD

———— Meeting adjourned ————



- 8:00 am** **Registration/Continental Breakfast**
- 8:55 am** **Welcome Address,**
• Delmar R. Caldwell, MD
SESSION CHAIRED BY: *Robert A. Gordon, MD, FAAP*
- 9:00 am** **A Few Interesting Oncologic Cases
I've Seen at MD Anderson So Far**
• Joshua R. Ford, MD
- 9:15 am** **Doppler Imaging in the Hollenhorst Plaque**
• Mandi D. Conway, MD
- 9:30 am** **You Had Me at Gumbo**
• Paul C. Lee, MD
- 9:45 am** **The Boy Who Cried Wolf**
• Edgar M. Dapremont Jr, MD, FACS, FAAO
- 10:00 am** **New Techniques For Thermotherapy in Oncology**
• Gholam A. Peyman, MD
- 10:15 am** **BREAK**
SESSION CHAIRED BY: *Delmar R. Caldwell, MD*
- 10:30 am** **Introduction of the 1st Paul T. Finger, MD Lecturer –
Paul T. Finger, MD, FAAO, FACS**
• Peter R. Kastl, MD, PhD
- 10:35 am** **Ophthalmic Radiation Therapy Innovations**
• Paul T. Finger, MD, FAAO, FACS
- 11:00 pm** **Introduction of the 1st Barrett G. Haik, MD Lecturer –
Matthew W. Wilson, MD, FACS**
• Robert A. Gordon, MD, FAAP
- 11:05 am** **Retinoblastoma: Seeing the Big Picture**
• Matthew W. Wilson, MD, FACS



- 11:30 pm** **Introduction of the Moses Carl Wilensky Lecturer –
Brian A. Francis, MD, MS**
- Ze Zhang, MD
- 11:35 am** **Glaucoma Has Evolved (And So Should You!)**
- Brian A. Francis, MD, MS
- 12:00 pm** **Introduction of the 54th C.S. O'Brien Professor – James
P. McCulley, MD, FACS, FRCOphth(UK)**
- Delmar R. Caldwell, MD
- 12:05 pm** **Updates on Diagnosis and Treatment of Rosacea**
- James P. McCulley, MD, FACS, FRCOphth(UK)

———— Meeting adjourned ————

*For those who reserved a place at dinner,
join us Saturday, June 8 in the Storyville Ballroom.*

Reception 6:30 pm • Dinner 7:30 pm

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Save The Date

Please join us next year for the
55th Annual C.S. O'Brien Professorship
and 42nd Annual Tulane Eye Alumni Day
June 12th and 13th, 2020



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New Orleans, LA 70112