Macula Society 2016
The 39th Annual Meeting Program

WEDNESDAY, FEBRUARY 24, 2016
CASE CONFERENCE 1

Moderators: Anita Agarwal, Mark Johnson

2:30 p.m.  Progressive Release of Vitreomacular Traction with Aflibercept
           Stephen Schwartz, Harry Flynn

2:35 p.m.  Sequential Massive Choroidal Detachment and Unilateral Scleritis in Association with Radiation Perineal Osteonecrosis and Osteomyelitis
           Shree Kurup, Jed McClintic, Claudia Hooten

2:40 p.m.  Exudative Choroidopathy – What is the Cause?
           David Sarraf, Nopasak Phasukijwattana

2:45 p.m.  Multimodality Imaging of Ebola Virus Disease-Associated Panuveitis with Iris Heterochromia
           Steven Yeh, Jessica Shantha, Ian Crozier, Jay Varkey

2:50 p.m.  Unusual Tear of the RPE
           Stephan Michels

2:55 p.m.  Massive Submacular Hemorrhage Arising from Polypoidal Choroidal Vasculopathy
           Colin Tan, Wei Kiong Ngo

3:00 p.m.  Long-Term Follow-Up Imaging of Paraneoplastic Melanocyte Proliferation
           Anita Leys, Isabelle Akin

3:05 p.m.  Scotomas and Photopsias
           Anita Agarwal

3:10 p.m.  Peripheral Exudative Hemorrhagic Chorioretinopathy (PEHCR)
           Alan Cruess

3:15 p.m.  Retinitis Pigmentosa vs. Hydroxychloroquine Retinopathy
           Michael Marmor

3:20 p.m.  Macular Hole Woes
           Daniel Roth, Richard Kaiser, Sumit Shah

3:25 p.m.  A Curious Case of Choroidal Effusion and Scotoma
           Mark Johnson

3:30 p.m.  Presumed Ocular Histoplasmosis Associated to Iris Cysts, Secondary Glaucoma and Juxtafoveal CNV in a 4 Years Old Female
           Leonidas Zografos

3:35 p.m.  Orange and Yellow; Esac Yretsym
           Jose Pulido, Diva Salomao, Alan Marmorstein
## Macula Society

**Wednesday, February 24, 2016**

**Case Conference 2**

**Moderators:**  
Caroline Baumal, H. Richard McDonald

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>3:45 p.m.</td>
<td>Unilateral Leukocoria in 22 Month Old Twin</td>
<td>Jerry Shields</td>
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<tr>
<td>3:50 p.m.</td>
<td>Worsening Glare and Visual Snow in a Patient with a History of Night Blindness and a Family History of RP and Cerebellar Ataxia</td>
<td>Anthony Robson, Sue Lightman</td>
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<tr>
<td>3:55 p.m.</td>
<td>An Unusual Retinitis</td>
<td>H. Richard McDonald, Sandeep Randhawa</td>
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<td>4:00 p.m.</td>
<td>28 Year Old Woman with Subretinal Fluid</td>
<td>Demetrios Vavvas</td>
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<tr>
<td>4:05 p.m.</td>
<td>Retinal Detachment Associated with Atopic Dermatitis</td>
<td>Audina Berrocal, Nikisha Kothari, Ryan C. Young</td>
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<tr>
<td>4:10 p.m.</td>
<td>A Middle Age Crisis with Vision Loss</td>
<td>Antonio Ciardella, Mariachiara Morara, Chiara Veronese</td>
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<td>4:15 p.m.</td>
<td>“It’s In The Blood”</td>
<td>R. Theodore Smith, Patrick Kaszubski</td>
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<td>4:20 p.m.</td>
<td>Chocolate Induced Retinopathy</td>
<td>Caroline Baumal</td>
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<td>4:25 p.m.</td>
<td>What I Learnt from Robert Downey Jr. . .</td>
<td>Andrew Lotery</td>
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<td>4:30 p.m.</td>
<td>Don’t Fret FRAT</td>
<td>Michaella Goldstein, Roy Schwartz, Zobair Habot Wilner, Anat Loewenstein</td>
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<tr>
<td>4:35 p.m.</td>
<td>Atypical Central Serous Chorioretinopathy</td>
<td>Salomon Cohen, Mayer Srou, David Martiano, Eric Souied</td>
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<td>4:40 p.m.</td>
<td>A Non-Myopic Boy with “Lepto” – Choroid</td>
<td>Nan-Kai Wang, Ling Yeung</td>
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<td>4:45 p.m.</td>
<td>Foveal Sparkles</td>
<td>Paul Bernstein, Rene Choi, Aruna Gorusupudi</td>
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<td>4:50 p.m.</td>
<td>Picasso OCT</td>
<td>Carol Shields</td>
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<tr>
<td>4:55 p.m.</td>
<td>An Unusual Case of Central Serous Chorioretinopathy</td>
<td>Lawrence Yannuzzi</td>
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2016
Scientific Program

Wednesday through Saturday
February 24 – 27, 2016
Miami Beach, Florida

Full paper presentation will be six minutes. Each paper presentation will be followed by a two minute discussion or the papers may be grouped together for discussion. Please refer to the program for grouped discussions where indicated. Rapid fire papers will be four minutes with no discussion. Presentation duration of six minutes for a full paper and four minutes for a rapid fire paper will be strictly enforced to allow for timely flow of the meeting and for as many of the Society members to present at the podium.

The program committee would like to thank all the members for your cooperation.
WEDNESDAY, FEBRUARY 24, 2016

SESSION I
Imaging - Rapid Fire Session

Moderators: Solomon Cohen, Kimberly Drenser

Rapid Fire Papers

5:10 p.m. Optical Coherence Tomography Angiography (OCTA) Characteristics of Pigment Epithelial Detachment (PED) in Age-Related Macular Degeneration (ARMD)
Papers with Discussions

5:50 p.m. Long-Term Follow-Up of Autosomal Dominant Stargardt Macular Dystrophy (STGD3) Subjects Enrolled in a Fish Oil Supplement Interventional Trial (NCT00420602)
Paul Bernstein; Co-authors: Rene Choi, Aruna Gorusupudi

5:58 p.m. Longitudinal Structural Changes in Late-Onset Retinal Degeneration
Catherine Cukras; Co-authors: Wai Wong, Paul Sieving, Radha Ayyagari, Jason Flamendorf, Denise Cunningham

6:06 p.m. Subretinal Injection Technique for Retinal Gene Therapy Applications
Albert Maguire; Co-authors: Julia Haller, Stephen Russell

6:14 p.m. Five-Year Data from the Argus II Retinal Prosthesis System Clinical Trial
James Handa; Co-authors: Lyndon da Cruz, Paulo Eduardo Stanga, Lisa Olmos de Koo, David Birch, Jacque Duncan, Pierre-Olivier Barale, Gabriele Thumann, Stephen Tsang
North Carolina Macular Dystrophy is Caused by Dysregulation of the Retinal Transcription Factor PRDM13

Kent Small; Co-authors: Adam DeLuca, Gerald Fishman, James Folk, Thomas Rice, Bernard Puech, Monique Leys, Luan Streb, Christine Haas, Luke Wiley, Todd Scheetz, John Fingert, Robert Mullins, Budd Tucker; S. Scott Whitmore, Edwin Stone

The Clinical and Electrophysiological Features of Unilateral Pigmentary Retinopathy

Anthony Robson; Co-authors: Marie-Helene Errera, Tracey Wong, Philip Hykin, Bish Pal, Mandep Sagoo, Carlos Pacesio, Anthony Moore, Andrew Webster, Graham Holder

The Progression of Stargardt Disease Derived from Autofluorescence Imaging in the ProgStar Study

Hendrik Scholl; Co-authors: Rupert W Strauss, Xiangrong Kong, Beatriz Munoz, Michel Michaelides, Artur Cideciyan, Alexander Ho, Sheila West, David Birch, Paul Bernstein, Janet Sunness, Srinivas Sadda

How Multimodal Retinal Imaging Can Help with Next Generation Sequencing Interpretation: The Example of Cone and Cone-Rod Dystrophies

Isabelle Audo; Co-authors: Elise Boulanger-Scemama, Veronika Vaclavik, Christina Zeitz, José-Alain Sabel

7:30 p.m.

Reception

THURSDAY, FEBRUARY 25, 2016

SESSION III
Diabetic Retinopathy I

Moderators: Lloyd Aiello, Tien Wong

Rapid Fire Papers

7:30 a.m. Proliferative Diabetic Retinopathy Progression in Patients Treated with Fluocinolone Acetonide vs. Sham Control Over 36 Months by Baseline Retinopathy Severity and Retinal Capillary Perfusion Status

Charles Wykoff

7:34 a.m. A Distinct Plasma Cytokine Profile for Severe Diabetic Macular Edema in Type 2 Diabetes

Victor Chong; Co-authors: Elisa Carreras, Christine Kiire

7:38 a.m. An Observational Study of Dexamethasone Intravitreal Implant in Diabetic Macular Edema: Interim Results from the Reinforce Study

Michael Singer; Co-authors: Pravin Dugel, Howard Fine, Antonio Capone, Jr., John Maltman

7:42 a.m. Arginine Metabolites are Elevated in Diabetic Retinopathy

Milam Brantley; Co-authors: David Herren, David Samuels

Papers with Discussions

7:46 a.m. Pro-Permeability Factors in Diabetic Macular Edema

Peter Campochiaro

7:54 a.m. Retinal Neurodegeneration Precedes Vascular Retinal Changes from Diabetes Mellitus Independent of Hyperglycemic Status

Michael Abramoff; Co-author: Elliott Sohn

8:02 a.m. Persistent Effects of Intensive Glycemic Control on Retinopathy in Type 2 Diabetes in the Action to Control Cardiovascular Risk in Diabetes (ACCORD) Follow-On Study

Emily Chew; Co-authors: Ronald Danis, Craig Greven

8:10 a.m. Randomized Trial of Panretinal Photocoagulation vs. Ranibizumab for Proliferative Diabetic Retinopathy: Treatment Algorithm and Outcomes

Michael Elman
Randomized Trial of Panretinal Photocoagulation vs. Ranibizumab for Proliferative Diabetic Retinopathy: Main Outcomes

Dennis Marcus

Randomized Trial of Panretinal Photocoagulation vs. Ranibizumab for Proliferative Diabetic Retinopathy: Secondary Outcomes

Christina Flaxel

Discussion of previous 3 papers

Intravitreal Ranibizumab Induces Regression of Diabetic Retinopathy (DR) in the Majority of Patients with High-Risk Non-Proliferative Diabetic Retinopathy (NPDR)

Daniel Roth; Co-authors: Carlos Quezada Ruiz, Karen Basu, Lauren Hill, Zdenka Haskova

DAVE (Diabetic Anti-VEGF) Trial-Targeted PRP for the Treatment of Diabetic Macular Edema

David Brown; Co-authors: Charles Wykoff, Tien Wong, Rui Wang

Macular Nonperfusion Association with Diabetic Macular Edema and Disorganization of Retinal Inner Layers

Lloyd Paul Aiello; Co-authors: Paolo Silva, Jennifer Sun

The Effect of Intravitreal Aflibercept on Capillary Non-Perfusion in Patients with Proliferative Retinopathy and/or Macular Edema Secondary to Proliferative Diabetic Retinopathy and Central Retinal Venous Occlusive Disease (ANDROID Study)

Jeffrey Heier; Co-author: Chirag Shah

Vision Gains with Ranibizumab for Diabetic Macular Edema in Eyes with Baseline Retinal Non-Perfusion: A RIDE/RISE Subanalysis

Caroline Baumal; Co-authors: Dante Pieramici, Shamika Gune, Avanti Ghanekar, Na Lu, Howard Shapiro, Carlos Quezada Ruiz

Cloud-based Automated Software for Diabetic Retinopathy Screening and Monitoring in a National Screening Program

Tien Wong; Co-authors: Daniel Ting, Gavin Tan, Wynne Hsu, Mong Li Lee, Haslina Hamzah, Gilbert Lim, Rina Rudyanto, Yuan Cheng, Alfred Tiu Liang Gan, Carol Cheung

Cost-Effectiveness of Aflibercept, Bevacizumab, or Ranibizumab for Diabetic Macular Edema

Lee Jampol; Co-authors: Eric Ross, David Hutton, Joshua Stein, Neil Bressler, Adam Glassman

SESSION IV
Neovascular AMD I

Moderators: Usha Chakravarthy, Dennis Han

Rapid Fire Papers

The Effects of Cataract Surgery on Patients with Wet Macular Degeneration

Michael Ober; Co-authors: Steven Saraf, Christina Ryu

Clinical Evaluation of the Rapid Access Vitreal Injection (RAVI) Guide: A Prospective, Observational Study

Dennis Han; Co-authors: Ravi Singh, Judy Kim

Papers with Discussions

OSPREY: A Multidose Randomized Study of Brolucizumab Compared to Aflibercept for the Treatment of Neovascular Age-Related Macular Degeneration

Glenn Jaffe

Macrophages from Patients with Neovascular Age-Related Macular Degeneration are Pro-angiogenic and are a Potential Therapeutic Target for the Disease

Itay Chowers; Co-authors: Michelle Grunin, Amnon Peled
SESSION V

Tumors

**Moderators:** Ivana Kim, Tara McCannel

**Papers with Discussions**

10:45 a.m. Photodynamic Therapy as Primary Treatment for Choroidal Metastasis: Tumor Control and Visual Outcomes in 32 Eyes
   *Jerry Shields; Co-authors: Chloe Khoo, Wasim Samara, Arman Mashayekhi, Emil Anthony Say, Carol Shields*

10:53 a.m. Radiation Retinopathy Treated with Intravitreal Pharmacotherapy (IRM Study): 5-Year Follow-Up Detailing Treatment Extension and Enhanced Outcomes
   *Timothy Murray; Co-author: Aaron Gold*

11:01 a.m. A New Ultra Wide-Field Angiographic Grading Scheme for Radiation Retinopathy after Iodine-125 Brachytherapy for Uveal Melanoma
   *Tara McCannel; Co-authors: EunAh Kim, Mitchell Kamrava, James Lamb, Joseph Caprioli, Colin McCannel*

11:09 a.m. Evaluation of Radiation Maculopathy by OCT-Angiography and Comparison with Fluorescein Angiography
   *Leonidas Zografos; Co-authors: Irmela Mantel, Aude Ambresin, Ann Schalenbourg*

11:17 a.m. Genetic Risk Factors for Radiation Vasculopathy
   *Ivana Kim; Co-authors: Thanos Papakostas, Anne Marie Lane, Caroline Awh, Margaux Morrison, Margaret DeAngelis, Evangelos Gragoudas*

11:25 a.m. Transciliary and Transvitreal Approaches to Fine Needle Aspiration Biopsy for Uveal Melanoma
   *Amy Schefler; Co-authors: Mari Bretana, Bin Teb*

11:33 a.m. Proton Beam Irradiation for Patients with Recurrent Uveal Melanoma
   *Evangelos Gragoudas; Co-authors: Anne Marie Lane, Ivana Kim*

**Presentation of W. Richard Green Lecture and Award**

“Uveal Melanoma: What you don’t see. Millimeters, Microns, DNA, and Nanoparticles”

11:41 a.m. Introduction and Presentation of the Award – Richard F. Spaide, MD

11:44 a.m. W. Richard Green Lecture – Carol L. Shields, MD
SESSION VI
Uveitis/Vein Occlusion

Moderator: Michael Altaweel, Colin McCannel

Papers with Discussions

12:02 p.m.  Fluocinolone Acetonide Implant Versus Systemic Therapy for Intermediate, Posterior, and Panuveitis; 54 Month Results of the Multicenter Uveitis Steroid Treatment (MUST) Trial and Follow-Up Study
Michael Altaweel; Co-authors: John Kempen, Douglas Jabs, Janet Holbrook, Elizabeth Sugar, Jennifer Thorne

12:10 p.m.  Contribution of Autofluorescence in Patients with Birdshot Chorioretinopathy
Martine Mauget-Faysse; Co-authors: Rachel Semecas, Raimondo Forte, Vivien Vasseur, José-Alain Sabel, Christophe Chiquet

12:18 p.m.  Treatment of Macular Edema Associated with Uveitis Using Suprachoroidal Injection
Shree Kurup, Michael W. Stewart

12:26 p.m.  Development of a Mobile Eye Clinic for Recovered Ebola Virus Disease Patients in West Africa
Steven Yeh; Co-authors: Jessica Shantha, Brent Hayek, Ian Crozier, Danny Haddad, John Fankhauser

Rapid Fire Papers

12:34 p.m.  Paravascular Inner Retinal Defects Associated with Epiretinal Membranes
Akitaka Tsujikawa; Co-author: Ayako Takabashi

12:38 p.m.  Prevalence and Risk Factors of Retinal Vein Occlusion in a Multi-Ethnic Asian population: The Singapore Epidemiology of Eye Diseases (SEED) Study
Yasuo Yanagi; Co-authors: Ching-Yu Cheng, Gemmy Cheung, Alfred Tau Liang Gan, Tien Wong, Gavin Tan

12:42 p.m.  “Super-Normal” Flicker ERG Amplitudes Seen in Eyes with Non-Ischemic CRVO
Muneo Kondo

12:46 p.m.  Intermediate to Long Term Anti-VEGF Treatment Results of Macular Edema Secondary to Retinal Vein Occlusions
Colin McCannel; Co-authors: Diana Katsman, Tara McCannel

Presentation of the Arnall Patz Medal

12:50 p.m.  Introduction and Presentation of the Award – Lawrence J. Singerman, MD
12:53 p.m.  Award Recipient – Paul Sternberg, Jr., MD
12:56 p.m.  Adjourn

FRIDAY, FEBRUARY 26, 2016

6:45 a.m.  Business Meeting

SESSION VII
Imaging II

Moderators: Andreas Lauer, Antonio Ciardella

Rapid Fire Papers

7:30 a.m.  Choroidal Thickness and Choroidal Circulation in Neovascular Age-Related Macular Degeneration
Constantin Pournaras
7:34 a.m. Prospective Evaluation of OCT-Angiography and Fluorescein Angiography of Retinal Venous Occlusive Disease
Robert Johnson; Co-authors: H. McDonald, J. Michael Jumper, Arthur Fu, Sara Huang

7:38 a.m. Optical Coherence Tomography Angiography of Chronic Central Serous Chorioretinopathy in Elderly Patients
Emmett Cunningham, Jr.; Co-authors: Mariachiara Morara, Chiara Veronese, Antonio Ciardella

Papers with Discussions

7:42 a.m. The Utility of Optical Coherence Tomography – Angiography (OCT-A) Quantitative Measurements in the Management of Choroidal Neovascularization
David Wilson; Co-authors: Steven Bailey, Yali Jia, Simon Gao, Liang Liu, Li Liu, Christina Flaxel, Thomas Hwang, David Huang

7:48 a.m. Findings, Pitfalls and Mysteries of OCT Angiography
Paolo Lanzetta; Co-authors: Valentina Sarao, Daniele Veritti

7:54 a.m. Discussion of previous 2 papers

7:57 a.m. Detection of Choroidal Neovascularization Complicating Adult Onset Foveomacular Vitelliform Dystrophy with Optical Coherence Tomography Angiography: Pearls and Pitfalls
Gabriel Coscas; Co-authors: Marco Lupidi, Florence Coscas

8:05 a.m. Enhanced-Depth-Resolution Optical Coherence Tomography Angiography Suppresses Flow Projection Artifact and Visualizes Capillary Non-Perfusion in Three Distinct Retinal Plexuses in Diabetic Retinopathy and in Normal Retinae
Andreas Lauer; Co-authors: Miao Zhang, Thomas Hwang, Steven Bailey, David Wilson, David Huang, Yali Jia

8:11 a.m. Adaptive Optics vs. OCT Angiography – The Good, the Bad, and the Shaky
Richard Rosen; Co-authors: Shelley Mo, Brian Krawitz, Lawrence Geyman, Eleni Efstatiadis, Ronald Gentile, Richard Weitz, Joseph Walsh, Alfredo Dubra, Joseph Carroll, Toco Chui

8:17 a.m. Discussion of previous 2 papers

8:20 a.m. Volume Rendered Optical Coherence Tomography of Retinal Vascular Cystoid Macular Edema
Richard Spaide

8:26 a.m. Correlation between Cystoid Spaces in Diabetic Macular Edema and Capillary Non-Perfusion Detected by Optical Coherence Tomography Angiography
Alain Gaudric; Co-authors: Ramin Tadayoni, Valérie Mane, Aude Cournier

8:32 a.m. Discussion of previous 2 papers

8:35 a.m. Optical Coherence Tomography Angiography to Assess Pigment Epithelial Detachment
Antonio Ciardella; Co-authors: Chiara Veronese, Mariachiara Morara, Emmett Cunningham, Jr.

8:43 a.m. Multimodality Imaging in Polypoidal Choroidal Vasculopathy
Gregg T. Kokame; Co-authors: James C. Lai, Raymond Wée, Jessica Shantha

SESSION VIII
Dry AMD

Moderators: Frank Holz, Joan Miller

Rapid Fire Papers

8:51 a.m. Massive Drusenoid PEDs
Paul Tornambe; Co-author: Nikolas London

8:55 a.m. Choroidal Vascular Pathology in Geographic Atrophy
Robert Mullins; Co-authors: Elliott Sohn, Miles Flamme-Wiese, Li Zhang, Budd Tucker, Michael Abramoff, Edwin Stone
Papers with Discussions

8:59 a.m. Optical Coherence Tomography Characteristics to Predict Risk of New Onset Geographic Atrophy Up to 5 Years
Cynthia Toth; Co-authors: Abdul-Karim El-Hage-Sleiman, Malini Veerappan, Katrina Winter, Michelle McCall, Sina Farsiu, Emily Chew, Traci Clemens

9:05 a.m. Predicting the Growth of Geographic Atrophy by Fully Automated Spectral Domain Optical Coherence Tomography Segmentation and Analysis of Quantitative Imaging Biomarkers
Theodore Leng; Co-authors: Sijie Niu, Luis de Sisternes, Daniel Rubin

9:11 a.m. Discussion of previous 2 papers

9:14 a.m. New Genes and Genotype Phenotype Correlations for AMD
Andrew Lottery; Co-authors: Alastair Warwick, Christina Rennie, Angela Cree, Jane Gibson

9:20 a.m. Distinct Genetic AMD Risk Profile of a Rapidly Progressing Subtype of Geographic Atrophy
Frank Holz; Co-authors: Monika Fleckenstein, Felix Grassmann, Moritz Lindner, Maximilian Pfau, Joanna Czauderna, Tobias Strunz, Steffen Schmitz-Valckenberg, Bernhard Weber

9:26 a.m. Discussion of previous 2 papers

9:29 a.m. Assessment of RPE Atrophy in a Phase 2b Study of a Platelet Derived Growth Factor Inhibitor (Fovista™), in Combination with a Vascular Endothelial Growth Factor Inhibitor (Ranibizumab) for Neovascular Age-Related Macular Degeneration (NAMD)
Thomas Ciulla

9:37 a.m. Intensive Statin Treatment Regresses High-Risk Features of Age-Related Macular Degeneration (AMD)
Joan Miller; Co-authors: Anthony Daniels, Zoi Kapsala, Jeremy Goldfarb, Emmanuel Gannotakis, John Loewenstein, Lucy Young, Evangelos Gragoudas, Dean Elliott, Ivana Kim, Miltiadis Tsilimbaris, Demetrios Vavvas

9:45 a.m. Swept Source Optical Coherence Tomography Angiography of Asymptomatic Neovascularization in Intermediate Age-Related Macular Degeneration
Philip Rosenfeld; Co-authors: Luiz Roisman, Qinqin Zhang, Ricky Wang, Giovanni Gregori, Mary Durbin

9:53 a.m. NRTIs and Modified NRTIs as Therapies for AMD
Jayakrishna Ambati; Co-authors: Joshua Stein, Younghee Kim, Reo Yasuma, Junichi Fukuhara, Ana Bastos-Carvalho, Bradley Gelfand, Tetsuhiro Yasuma, Takeshi Mizutani, Laura Krueger, Benjamin Fowler, Kyung Bo Kim, Kameshwari Ambati, Taylor Blackley

10:01 a.m. Choroidal Caverns: A Novel Optical Coherence Tomography Finding in Geographic Atrophy
Giuseppe Querques; Co-authors: Eliana Costanzo, Vittorio Capuano, Alexandra Miere, Francesco Bandello, Eric Sonier

10:09 a.m. Systemic Iron Associated with AMD: A Greek God, a Blue Protein, and German Geodes
Joshua Dunaief; Co-authors: Paul Hahn, Natalie Wolkow, Delu Song, Levi Kamu, Yafeng Li, Majda Hadziahmetovic

Presentation of Paul Henkind Memorial Lecture and Award
“Angiogenesis, anti-VEGF therapy and anti-angiogenic strategy”

10:17 a.m. Introduction and Presentation of the Award – Cynthia A. Toth, MD

10:20 a.m. Paul Henkind Memorial Award Lecture – Mary Elizabeth Hartnett, MD

10:32 a.m. Break
SESSION IX
Surgery/Vitreomacular Interface Disorders

**Moderators:** Jennifer Lim, John Thompson

**Rapid Fire Papers**

10:56 a.m. Post-Traumatic Endophthalmitis: An 18-Year Case Series
Neelakshi Bhagat; Co-authors: Xintong Li, Marco Zarbin, Paul Langer

11:00 a.m. New Insights into the Pathoanatomy of Macular Holes: Integrated Explanations from a Reappraisal of Gass’s Classification and Features of Optical Coherence Tomography
Suk Ho Byeon; Co-authors: Hyewon Chung, Anita Agarwal, Oh Kwon

11:04 a.m. Results and Techniques of Vitrectomy for Macular Pseudohole and Lamellar Macular Holes
John Thompson

11:08 a.m. Reticular Macular Disease (RMD) and Coronary Artery Disease (CAD): A Cross-Sectional Analysis
R. Theodore Smith

**Papers with Discussions**

11:12 a.m. In-vivo Porcine Model for Venous Air Embolism from Air Infusion during Vitrectomy
Thomas Albini; Co-authors: Steven Gayer, Andrew McClellan, Nidhi Relhan Batra, Jean-Marie Parel, Harry Flynn, Nelson Salas, Howard Palte, Ricardo Martinez-Ruiz

11:20 a.m. Macula Society Collaborative Retrospective Study of Ocriplasmin for Vitreomacular Traction
Jennifer Lim; Co-authors: Adam Glassman, Lloyd Paul Aiello, Usba Chakravarthy, Christina Flaxel, Lawrence Singerman, Richard Spaide, Jorge Arroyo, Sophie Bakri, Charles Barr, Caroline Baumal, Kevin Blinder, Nauman Chaudhry, Victor Chong, Albert Edwards, Michael Elman, Michel Farah, Alfonso Giovannini, Frank Holz, Rabul Khurana, Gregg T. Kokame, H. McDonald, Stephan Michei, Michael Novak, Maurizio Battaglia Parodi, Carl Regillo, Daniel Roth, Kent Small, Giovanni Staurenghi, Jennifer Sun, Demetrios Vavvas, Charles Wykoff, Lucy Young

11:28 a.m. Pneumatic Vitreolysis for Treatment of Focal Vitreomacular Traction
Clement Chan; Co-author: Calvin Mein

11:36 a.m. Macular Hole After Pars Plana Vitrectomy for Rhegmatogenous Retinal Detachment
Harry Flynn; Co-authors: William Smiddy, Angelica Ortiz, Carlos A. Medina, Justin Townsend

11:42 a.m. Time Course of Changes in Foveal Contour Following Surgery for Idiopathic Epiretinal Membrane
Judy Kim; Co-authors: Nathan Mathews, Sergey Tarima

11:48 a.m. Discussion of previous 2 papers

11:51 a.m. Distribution of Nerve Fiber of Peeled Inner Limiting Membrane
Oh Kwon; Co-authors: Suk Ho Byeon, Ju Young Kim, Ja Yong Choi

11:59 a.m. The Combined Tractional-Hydration Theory of Idiopathic Macular Holes
Ronald Gentile

**Presentation of Young Investigator Lecture and Award**

“OCT angiography analysis of CNV”

12:07 p.m. Introduction and Presentation of the Award – David Sarraf, MD

12:10 p.m. Award Lecture – Eric H. Souied, MD
SESSION X
Retinopathy of Prematurity

Moderators: Timothy Olsen, Baker Hubbard

Rapid Fire Paper
12:22 p.m. Retinal Microstructure Abnormalities and Segmentation Errors in Optical Coherence Tomography Imaging of Patients with a History of Retinopathy of Prematurity
Wei-Chi Wu; Co-authors: Nan-Kai Wang, Chi-Chun Lai

Papers with Discussions
12:26 p.m. Analysis of Discrepancy between Diagnostic Clinical Examination and Corresponding Evaluation of Digital Images in the e-ROP Study
G. Baker Hubbard, III; Co-authors: Graham Quinn, Anna Ellis, Antonio Capone, Jr., Ebenezer Daniel, P. Lloyd Hildebrand, Gui-shuang Ying
12:34 p.m. The Economic Model of Retinopathy of Prematurity (EcROP) Screening and Treatment: Mexico and the United States
Timothy Olsen; Co-authors: Michael Rothschild, Rebecca Russ, Kathryn Brennan, Christopher Williams, David Berrones, Bhavesh Patel, Maria Martinez-Castellanos, Alcides Fernandes, G. Baker Hubbard, III, R.V. Paul Chan
12:42 p.m. Extramacular Fibrosis in Coats Disease
Francis Munier; Co-authors: Alexandre Matet, Viet Tran, Aude Ambresin, Marie-Claire Gaillard, Alejandra Daruiucb

The J. Donald M. Gass Medal
12:50 p.m. Introduction and Presentation of the Award – Frederick Ferris, III, MD
12:53 p.m. Award Recipient – Daniel F. Martin, MD
12:56 p.m. Adjourn

SATURDAY, FEBRUARY 27, 2016
SESSION XI
Other Macular Diseases

Moderators: Lawrence Morse, Jose Pulido

Rapid Fire Papers
7:30 a.m. Finasteride is Effective for the Treatment of Central Serous Choroidopathy
Lawrence Morse; Co-authors: Elad Moisseiev, Austin Holmes
7:34 a.m. Peripapillary Retinoschisis in Eyes with Pachychoroid-Related Retinal Diseases
Won Ki Lee
7:38 a.m. How to Manage the Myopic Neovascularization
Alfredo Pecce
7:42 a.m. Retinal Toxicity of Distinct Concentrations of Dye Extracted from the Acai Fruit (Euterpe Oleracea) in Rabbits: A Potential use for Chromovitrectomy in Humans
Michel Farah; Co-authors: Rafael Caiado, Cristiane Peris, Acacio Lima Filho, Emmerson Badaro, Eduardo Rodrigues, André Maia, Rita Coimbra, Sung Watanabe, Mauricio Maia
**Papers with Discussion**

7:46 a.m.  
Placental Growth Factor Levels in the Aqueous Humor of Patients with Idiopathic Macular Telangiectasia Type 1: Rationale for the Clinical Effect of Intravitreous Aflibercept  
*Francine Behar-Cohen; Co-authors: Laura Kozalczuk, Alexandre Matet, Alejandra Daruich, Aude Ambresin, Irmela Mantel, Natacha Turck*

7:54 a.m.  
Advance View of New AAO Recommendations on Screening for Hydroxychloroquine Retinopathy  
*Michael Marmor*

8:02 a.m.  
Factors Influencing Visual Acuity in Patients Receiving Anti-VEGF for Myopic Choroidal Neovascularization  
*Francesco Bandello; Co-authors: Pierluigi Iacono, Maurizio Battaglia Parodi*

8:10 a.m.  
OM-101 Reduces the Formation of Fibrotic Response Associated with Proliferative Vitreoretinopathy  
*Ayala Pollack; Co-author: Zeev Dvashi*

8:18 a.m.  
Computational Modeling of Blood Flow in Retinal Arterial Macroaneurysms  
*Jose Pulido; Co-authors: Juan Cebal, Rainald Lohner, Fernando Mut, Kevin Veverka*

8:26 a.m.  
Didanosine Retinal Toxicity  
*H. McDonald; Co-authors: Sara J. Haug, Robert W. Wong, Shelley Day, Netan Choudhry, Scott Sneed, Matthew MacCumber, Pradeep Prasad, Sarab Read, Emmett Cunningham, Jr., Janet Davis, David Sarraf*

8:34 a.m.  
Formation of an Intraretinal Fluid Barrier in Cavitary Optic Disc Maculopathy  
*Mark Johnson; Co-author: Lee Kiang*

8:42 a.m.  
Bullous Detachment in Central Serous Chorioretinopathy  
*Lawrence Yannuzzi; Co-author: Chandrakumar Balaratnasingam*

**SESSION XII**  
Neovascular AMD II

**Moderators:**  
*K. Bailey Freund, Darius Mosbregbi*

**Rapid Fire Papers**

8:50 a.m.  
Comparison of Progression Rate to Advanced Stage Between Polypoidal Choroidal Vasculopathy and Age-Related Macular Degeneration in Asian Patients  
*Hyoun Jung Kim*

8:54 a.m.  
Choroidal Structural Analyses in Typical Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy  
*Hideki Koizumi; Co-author: Tomobiro Iida*

**Papers with Discussion**

8:58 a.m.  
Dyslipidemia and Lipoprotein Profile in Asian Age-Related Macular Degeneration  
*Gemmy Cheung; Co-authors: Qiao Fan, Alfred Tiu Liang Gan, Rajendra Apte, Ching-Yu Cheng, E-Shyong Tai, Tien Wong*

9:06 a.m.  
Changes in Neovascular Activity Following Continuous Anti-Vascular Endothelial Growth Factor Administration in the VIEW Studies  
*Darius Mosbregbi*

9:14 a.m.  
Treatment Outcomes Among Subtypes of Polypoidal Choroidal Vasculopathy in the EVEREST Study  
*Colin Tan; Co-authors: Louis Lim, Wei Kiong Ngo, Tock Han Lim*

9:22 a.m.  
100-Week Outcomes of Intravitreal Aflibercept Injection (IAI) from RE-VIEW, a Phase 4 Study of Patients with Neovascular Age-Related Macular Degeneration (nAMD)  
*David Boyer*
9:30 a.m. Risk Alleles Associated with Neovascular Age-Related Macular Degeneration May Also Predispose to Neovascularization in Pachychoroid Disease
K. Bailey Freund; Co-authors: Kunal Dansingani, Lorah Perlee, Sara Hamon, Richard Spaide, Lawrence Yannuzzi, Christine Chen

9:38 a.m. Quantification of Subretinal Fibrosis in Neovascular Age-Related Macular Degeneration (AMD) Using Polarization-Sensitive Optical Coherence Tomography (PS-OCT)
Ursula Schmidt-Erfurth; Co-authors: Philipp Roberts, Andreas Pollreisz, Christoph Hitzenberger

SESSION XIII
Diabetic Retinopathy II/Other

Moderators: Nancy Holekamp, Rishi Singh

Rapid Fire Papers

9:46 a.m. Micropulse Contiguous Grid Laser for Diffuse Diabetic Macular Edema Resistant to Drug Treatment (DDME)
Stephen Sinclair; Co-authors: Walter Gutstein, Peter Presti

9:50 a.m. Aflibercept Traps Galectin-1, an Angiogenic Factor Associated with Diabetic Retinopathy
Susumu Isibida

9:54 a.m. The Top 10 Clinically Important Findings from the RIDE/RISE Trials of Ranibizumab in Patients with Diabetic Macular Edema
William Mieler; Co-authors: Rishi Singh, Lisa Tuomi, Ivaylo Stoilov

9:58 a.m. Vitreoretinal Interface Abnormalities in Patients with Diabetic Macular Edema and Its Implications on the Response to Anti-VEGF Therapy
Noemi Lois; Co-authors: Michael Mikhail, Ruth Hogg

10:02 a.m. Phase 1 Study of KVD001, a Novel Intravitreous Plasma Kallikrein Inhibitor for Central Involved Diabetic Macular Edema with Reduced Vision
Jennifer Sun

10:06 a.m. Predicting Long Term Vision Response to Anti-VEGF in Diabetic Macular Edema: An Independent Analysis of Protocol I Data
Nancy Holekamp; Co-authors: Joanna Campbell, Szilard Kiss, Anat Loewenstein, Albert Augustin, Allen Ho, Amelia Orejudos, Victor Gonzalez, Scott Whiticup, Pravin Dugel

10:10 a.m. Intravitreal Aflibercept Injection (IAI) for Diabetic Macular Edema (DME): 148-Week Results from VISTA and VIVID
Justis Ebbers

10:14 a.m. Outcomes from DME Eyes with a Limited Initial Anatomic Response to Intravitreal Aflibercept Injection (IAI) in VISTA/VIVID Studies
Rishi Singh

10:18 a.m. AKB-9778 in the Treatment of Diabetic Retinopathy: Results from the TIME-2 Study
Pravin Dugel

10:22 a.m. Overcoming Recruitment Challenges in Phase III Clinical Trials of Patients with Central Retinal Vein Occlusion
Ingrid Scott; Co-authors: Maria Figueroa, Paul VanVeldhuisen, Michael Ip, Barbara Blodi

10:26 a.m. Retinal Manifestations of Thrombophilic and Hyperviscosity Syndromes
Rajendra Apte; Co-author: Rithwick Rajagopal

10:30 a.m. Fluorescein Leakage and OCT Features in Choroidal Neovascularization Secondary to Pathologic Myopia
Maurizio Battaglia Parodi; Co-authors: Pierluigi Iacono, Francesco Bandello
Presentation of Evangelos S. Gragoudas Award and Paper
“A potential novel therapy for PVR: HC-HA/PTX3, an active matrix component of amniotic membrane, inhibits proliferation and epithelial mesenchymal transition of RPE cells.”

10:34 a.m. Introduction and Presentation of the Award – Harry W. Flynn, Jr., MD
10:37 a.m. Award Recipient and Paper – Ajay E. Kuriyan, MD
10:42 a.m. Break

SESSION XIV
Basic Science

Moderator: Jennifer Kang-Mieler, Edwin Stone

Papers with Discussion

11:08 a.m. Patient-Derived Stem Cells for Treatment of Retinal Degenerative Disease
Edwin Stone; Co-authors: Luke Wiley, Elliott Sohn, Cathryn Cranston, Kristin Anfinson, Janet Riley, Robert Mullins, Budd Tucker

11:16 a.m. Efficacy of Anti-Vascular Endothelial Growth Factor (VEGF) Released from a Novel Ocular Drug Delivery System on Choroidal Neovascularization (CNV)
Jennifer Kang-Mieler; Co-authors: Christian Osswald, William Mieler

11:24 a.m. An Easily Injectable, Biodegradable Long-Term Drug Delivery Platform
Thomas Friberg; Co-authors: Yadong Wang, Mantosh Sinha

11:32 a.m. Early Detection of Laser-induced Choroidal Neovascularization Using Visible-light Optical Coherence Tomography Angiography
Amani Fawzi; Co-authors: Ronil Shah, Brian Soetikno, Dimitra Skondra, Hao Zhang

11:40 a.m. Stem Cells to Retina Through an Epigenetic Lens
Rajesh Rao; Co-author: Qiang Li

11:48 a.m. Effects of Intravitreal Human CD34+ Bone Marrow Stem Cell Therapy in a Murine Model of Hereditary Retinal Degeneration
Susanna Park; Co-authors: Elad Moisseiev, Zeljka Smit-McBride, Sharon Oltjen, Pengfei Zhang, Robert Zawadzki, Christopher Murphy, Whitney Cary, Annett Geralyn, Jan Nolta

11:56 a.m. Role of Retinal Microglia in Photoreceptor Degeneration in Inherited Retinal Degeneration
Wai Wong

12:04 p.m. Role of Inflammasome and RIP3 regulated Inflammation in Photoreceptor Cell Loss
Demetrios Vavvas; Co-authors: Yusuke Murakami, Keiko Kataoka, Hidetaka Matsumoto, Shoji Notomi, Kip Connor, Hirotos Terasaki, Tatsuro Ishibashi, Joan Miller

12:12 p.m. An Exploratory Analysis of Persistent Macular Thickening Following Intravitreous Ranibizumab for Center-Involved Diabetic Macular Edema with Vision Impairment
Susan B. Bressler

12:20 p.m. Closing Remarks
12:30 p.m. Adjourn
The 2016 Arnall Patz Medal

Paul Sternberg, Jr., MD
Presented by Lawrence J. Singerman, MD
Thursday, February 25, 2016 – 12:50 p.m.

The Arnall Patz Medal is presented for outstanding contributions in retinal vascular and macular diseases

Arnall Patz, MD
Matthew Davis, MD
John Clarkson, MD, 1995
Daniel Finkelstein, MD, 1995
Ronald Klein, MD, 1996
Rosario Brancato, MD, 1997
Koichi Shimizu, MD, 1998
Morton F. Goldberg, MD, 1999
W. Richard Green, MD, 2000
Sohan S. Hayreh, MD, 2001
Eva M. Kohner, MD, FRCP, 2002
Gary C. Brown, MD, MBA, 2003
Evangelos Gragoudas, MD, 2004
Harvey Lincoff, MD, 2005
Michael L. Klein, MD, 2006
Jean-Jacques De Laey, MD, 2007
Yuval Yassur, MD, 2007
Napoleone Ferrara, MD, 2008
Lawrence J. Singerman, MD, FACS, 2009
Lawrence A. Yannuzzi, MD, 2010
Leonidas Zografos, MD, 2011
Gabriel J. Coscas, MD, 2012
Peter A. Campochiaro, MD, 2013
Tien Y. Wong, MD, PhD, 2014
Anat Lowenstein, MD, 2015

Dr. Sternberg is the G. W. Hale Professor of Ophthalmology and Chairman of the Vanderbilt Eye Institute of the Vanderbilt University School of Medicine in Nashville, Tennessee. He is a renowned retinal specialist, and has been named one of the Best Doctors in America for both medical and surgical retinal conditions every year since 1994. He maintains an active academic and research program, studying the pathogenesis of age-related macular degeneration. He has authored more than 250 scientific articles and 30 book chapters, and received research funding from the NIH, numerous foundations, and industry. Honors include the AAO Lifetime Achievement Award, the Heed Ophthalmic Foundation Award, Lew Wasserman Award of Merit from Research to Prevent Blindness, the Distinguished Service Award from ARVO, and the Sommer Prize from the EyeCare Foundation. In 2009, he took on additional leadership responsibilities at Vanderbilt as Associate Dean for Clinical Affairs, Chief Medical Officer, and Assistant Vice Chancellor for Adult Health Affairs. In 2014, he was also named Chief Patient Experience Officer.

Dr. Sternberg is a graduate of Harvard College and University of Chicago Pritzker School of Medicine. After a residency in ophthalmology at the Wilmer Eye Institute at Johns Hopkins, he completed a vitreoretinal fellowship at Duke University Eye Center, before returning to Wilmer as Chief Resident. In 1985, he joined the faculty at Emory University in Atlanta, where he was Chief of the Retina Division and the Thomas M. Aaberg Professor. He was recruited to Vanderbilt in 2003.

Dr. Sternberg has a long history of leadership in ophthalmology, highlighted by serving as President of the American Academy of Ophthalmology in 2013 and of the Macula Society in 2014. Dr. Sternberg served on the Board of Trustees for the Association for Research in Vision and Ophthalmology (ARVO) from 2005-2010, where he was Vice President from 2009-2010. In addition, he has served on the Board of Scientific Counselors for the National Eye Institute, the Board of Directors of the International Retinal Research Foundation, the Board of Directors of the Tennessee Academy of Ophthalmology, and has been President of the Society of Heed Fellows and the Georgia Society of Ophthalmology. Recently he was named to the Board of Directors for the Association of University Professors of Ophthalmology and to the Board of Governors for the ARVO Foundation, where he serves as Treasurer.

Dr. Sternberg is married to Gloria Sternberg, and they have two sons, Matthew and Zachary. He and his wife are avid collectors of contemporary photography. Dr. Sternberg is the past Chairman and an honorary lifetime trustee of the Board of Trustees for the Cheekwood Botanical Garden and Museum of Art in Nashville, past President of the Canby Robinson Society Board at Vanderbilt University Medical Center, and serves on the Board of Trustees for Leadership Nashville.
The Paul Henkind Memorial Lecture and Award is presented to an individual for outstanding retinal research

John Marshall, MD, 1987
Morton F. Goldberg, MD, 1988
Arnall Patz, MD, 1989
Lloyd M. Aiello, MD, 1990
Alan Bird, MD, 1991
Jerry A. Shields, MD, 1992
Lawrence A. Yannuzzi, MD, 1993
Howard Schatz, MD, 1994
J. Donald M. Gass, MD, 1995
Mark O. M. Tso, MD, 1996
Lee M. Jampol, MD, 1997
Jose Cunha-Vaz, MD, PhD, 1998
Curtis Meinert, PhD, 1999
Gerald A. Fishman, MD, 2000
Thomas M. Aaberg, Sr., MD, 2001
Frederick L. Ferris III, MD, 2002
Gerard Lutty, PhD, 2003
Gholam Peyman, MD, 2004
Robert N. Frank, MD, 2005
Peter Hamilton, MD, 2006
Paul Sternberg, MD, 2007
Lloyd P. Aiello, MD, PhD, 2009
Anthony P. Adams, MD, 2010
Joan W. Miller, 2011
Usha Chakravarthy, MD, 2012
Richard F. Spaide, MD, 2013
J. William Harbour, MD, 2014
Alain Gaudric, MD, 2015

Dr. Hartnett is a Professor of Ophthalmology and Visual Sciences and Adjunct Professor of Pediatrics and Neurobiology and Anatomy at the University of Utah. She is Principal Investigator of the Retinal Angiogenesis Laboratory and Director of Pediatric Retina. She received her BS-MD from Rensselaer Polytechnic Institute and Albany Medical College as a 6-year biomedical program and performed retinal fellowships in both adult and pediatric retina at Schepens Retina Associates and Schepens Eye Research Institute of Harvard University. She has served as Retinal Director for the residencies at State University of NY at Buffalo and Louisiana State University. She was also the vitreoretinal surgical fellowship director at Schepens Retina Associates. While a practicing vitreoretinal surgeon, she studied in the laboratory of Pat D’Amore at Children’s Hospital in Boston and Schepens Eye Research Institute to obtain post-doctoral training in molecular biology, cell and coculture techniques. Currently, she is Principal Investigator of an NIH-funded retinal and choroidal angiogenesis laboratory. She also practices as a vitreoretinal surgeon and Director of Pediatric Retina providing treatment to patients throughout the intermountain west. She created the first-ever academic textbook on the subject, Pediatric Retina, which has proven to be an invaluable resource for residents and ophthalmologists internationally, currently in the Second Edition.

Dr. Hartnett is current Co-Director of the MD-PhD program at the University of Utah and has served as past Chair of the Ethics Committee for the Association for Research in Vision and Ophthalmology (ARVO), past Chair of the Diseases and Pathophysiology of Visual System Translational Study Section for the National Eye Institute, and past Chair of the Program Committee of Retinal Cell Biology for ARVO. She also served as a national member of the research policy committee for the American Diabetes Association and serves on the Knights Templar Eye Foundation Scientific Board and reviews grants for the foundation. She reviews manuscripts for over 20 eye and science journals and serves on the editorial boards of PloS One, Molecular Vision, and the Journal of the American Association for Pediatric Ophthalmology and Strabismus. Dr. Hartnett is a Fellow of the American College of Surgeons (FACS) and a Silver and Gold Fellow of Association for Research in Vision and Ophthalmology (FARVO). She currently serves on the membership committee for the American Ophthalmological Society and on the Credentials Committee of the Retina Society. She has served on the membership committee of the Macula Society. She was awarded the Honorary Lecture Award and the Scientific Contribution Award in 2014 from Women in Ophthalmology. Most recently, she has been keynote speaker and gave the annual lecture in honor of Raniya Ramadan at University of Oklahoma (2014), keynote speaker at Kresge Eye Institute (2014), keynote speaker at Medical College of Wisconsin Vision Science Distinguished Lecture (2014), was Distinguished Visiting Lecturer at University of Buffalo (2015), distinguished speaker for SUNY Downstate (2015).
Professor Eric Souied was born in Perpignan, South of France, on December 2nd, 1966. He studied medicine at “Henri Mondor Faculty of Medicine” between 1984 and 1990. He completed his ophthalmology residency in Paris between 1990 and 1996. He earned his MD and PhD degrees in 1996 and 1999 respectively, at the University Paris Est (UPE). He also completed a medical fellowship at the Creteil University Eye Clinic (1996-2000) and then a post-doctoral fellowship at the Jules Stein Eye Institute, UCLA, Los Angeles (2002-2002). He was named full time University Professor of Ophthalmology in 2006.

He is the head of Department of Ophthalmology at both “Hoplital Intercommunal de Creteil” and “Henri Mondor” hospital, in France since 2009. His main topics are Medical Retina (AMD, Inherited Retinal Dystrophies) and Ophthalmic Surgery. His main areas of research are focusing on genetics, imaging and treatments of AMD. He published the first genetic polymorphism associated with AMD (ApoE gene, 1998), several papers on phenotype-genotype correlations in wet AMD. He also conducted several clinical research studies, in the field of omega-3 fatty acids and AMD and emerging therapies for AMD. He created a group of research focused on multimodal imaging of macular disorders (GRC Macula, University Paris Est), that published many papers on this field these last past 5 years.

Professor Eric Souied has contributed to more than 290 peer-reviewed papers published in the areas of age-related macular degeneration (AMD), hereditary retinal diseases, ophthalmic genetics and gene therapy of retinal dystrophies. He is a member of the Macula Society, Gonin Club, American Academy of Ophthalmology and Association for Research in Vision and Ophthalmology. He was the founder president of the French “Association DMLA” and is the founder president of the French society “Federation France Macula”.

Eric Souied has been married since 1992 to Nathalie, parents of 3 children.
Presentation of the 2016 J. Donald M. Gass Medal

Daniel F. Martin, MD
Presented by Frederick Ferris, III, MD
Friday, February 26, 2016 – 12:50 p.m.

The J. Donald M. Gass Medal is presented for outstanding contributions in the study of macular diseases

J. Donald M. Gass, MD
W. Richard Green, MD
Stuart Fine, MD, 1995
Gabriel J. Coscas, MD, 1996
Alan Bird, MD, 1997
Lawrence A. Yannuzzi, MD, 1998
Lawrence J. Singerman, MD, 1999
Harvey A. Lincoff, MD, 2001
Evangelos S. Gragoudas, MD, 2002
Neil M. Bressler, MD, 2003
Lee M. Jampol, MD, 2004
Gisèle Soubrane, MD, 2005
Emily Y. Chew, MD, 2006
Jerry Shields, MD, 2007
Carmen A. Puliafito, MD 2008
Joan W. Miller, MD, 2009
Alexander J. Brucker, MD, 2010
Janet S. Sunness, 2011
Frederick L. Ferris III, MD, 2012
William F. Mieler, MD, 2013
Anita Agarwal, MD, 2014
Julie A. Haller, 2015

Daniel F. Martin, MD is Chairman of the Cleveland Clinic Cole Eye Institute, the Barbara and A. Malachi Mixon III Institute Chair in Ophthalmology, and Professor of Ophthalmology in the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University. Dr. Martin completed medical school at The Johns Hopkins University School of Medicine followed by residency and chief residency in ophthalmology at Emory University School of Medicine. He completed a fellowship in Vitreoretinal Surgery and Diseases at Duke University Eye Center followed by a fellowship in Uveitis and Ocular Immunology at the National Eye Institute of the National Institutes of Health.

Dr. Martin has served as Study Chairman for seven national randomized clinical trials. He currently serves as the Study Chairman for the Comparison of AMD Treatments Trials (CATT), an NIH sponsored study that evaluated the comparative efficacy and safety of Lucentis and Avastin, the effectiveness of different dosing strategies, and the long term visual and anatomical outcomes when using anti-VEGF drugs for the treatment of neovascular AMD. Dr. Martin was extensively involved in the development of the ganciclovir implant and later valganciclovir for the treatment of CMV retinitis and led the clinical trials that resulted in FDA approval of both of these drugs. He has served as principal investigator for more than 25 other clinical trials including AREDS, SOCA, numerous AMD, diabetes, and uveitis trials and has served on multiple Data and Safety Monitoring Boards and Steering Committees. Dr. Martin has published more than 170 peer-reviewed articles and has delivered more than 300 invited lectures. He has been the recipient of numerous awards including the Senior Honor Award and Secretariat Award from the American Academy of Ophthalmology; the 2012 Pyron Award, the 2013 Crystal Apple Award and Senior Honor Award from the American Society of Retina Specialists; the 2004 Rosenthal Award from the Macula Society; the 2013 Sam and Maria Miller Award for Scientific Achievement in Clinical Research from the Cleveland Clinic; the 2011 Cless Medal; and the 2014 Roger H. Johnson Macular Degeneration Research Award. Dr. Martin has served as AAO Retina Subspecialty Day Chair and serves in a number of other leadership roles including Chairman of the Beckman Initiative for Macular Research. Dr. Martin serves on the Board of Governors and the Board of Directors for the Cleveland Clinic.
The 2016 Evangelos S. Gragoudas Award and Paper

Ajay E. Kuriyan, MD
Presented by Harry W. Flynn, MD
Saturday, February 27, 2016 – 10:34 a.m.

The Evangelos S. Gragoudas Award and Paper is presented to the Vitreo Retinal fellow, sponsored by an active member, who has the most highly regarded paper either published or in press as determined by the Awards Committee members ranking

Mark Kleinman, MD, 2012
Ruwan Amila Silva, MD, 2013
Glenn C. Yiu, MD, PhD, 2014
John B. Miller, MD, 2015
Yannis M. Paulus, MD, 2015

Ajay E. Kuriyan, MD was born in Nigeria and grew up in Queens, NY. He completed his undergraduate, master’s, and medical school at the University of Rochester. He completed a pre-doctoral research fellowship, which focused on ocular/orbital inflammation and scarring, through the NIH Clinical and Translational Science Award during medical school. He completed his residency training in ophthalmology at the Bascom Palmer Eye Institute. Currently, he is a clinical fellow in vitreoretinal surgery and Co-Director of Ocular Trauma/Chief Resident at the Bascom Palmer Eye Institute. Ajay has been involved in translational research studying the ability of soluble amniotic membrane to inhibit the formation of proliferative vitreoretinopathy, under the mentorship of Harry W. Flynn, Jr., MD, Jean-Marie Parel, PhD, and Scheffer Tseng, MD, PhD. Additionally, his clinical research interests include endophthalmitis and retinal imaging. Ajay has received numerous awards including the Heed Ophthalmic Foundation Fellowship Award, American University Professors of Ophthalmology Research Award, Bayer Global Ophthalmology Awards Program Retina Fellowship Project Award, and Mary August Trust Fellowship Award. Ajay aspires to be a clinician-scientist with a focus on translational research and will be joining the faculty at the Flaum Eye Institute at the University of Rochester after his training. He is happily married to his wife Aparajita – they have a one-year old daughter and are expecting their second child in June.