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Welcome to the 7th Annual Vit-Buckle Society Meeting, Oh Behave!

The VBS Executive Committee and Board of Trustees wish to thank you for your support. We are proud to host the meeting at Bellagio Hotel in Las Vegas, featuring Hyde, one of the top nightclubs, along with some of the finest restaurants and accommodations.

To all attendees: If you are a recurrent VBS attendee, welcome back! If you are a first timer, you are in for a very unique experience. We are combining live surgery with a very dynamic, energetic program full of discussions. Ours is a meeting where the podium talk is kept real! We hope to highlight up-and-coming young surgeons while we continue to learn from the moderating of well-known retina specialists. VBS is interactive and fun!

We are proud to have Carl Regillo, MD as our Keynote speaker and Donald D’Amico, MD as our Mentor lecturer. Don your most groovy and shagadelic attire for 60s night at the Bellagio Pool and prepare to leather it up at the always entertaining closing dinner and award ceremony on Saturday at Hyde.

Be ready to express your thoughts, ask questions, tell us about your surgical experiences or share new ideas of techniques/instruments. Do not be shy, we want to hear from you. We deliberately organize this meeting to be interactive. Everyone is a participant. Everyone is a speaker. Industry will also be there for you to intermingle with. You will never attend a meeting that better fosters constant engagement and interaction. This is all made possible by the support of our great corporate partners who listen to our needs and make our field much better for us all.

Once again, thank you for your support of VBS!

Sincerely,
The VBS Executive Committee and Board of Trustees
Dr. Regillo is Professor of Ophthalmology at Thomas Jefferson University, Chief of the Retina Service of Wills Eye Hospital and Founder of the Wills Eye Clinical Retina Research Unit in Philadelphia. He received his medical degree from Harvard Medical School and performed his ophthalmology residency and vitreoretinal fellowship at Wills Eye Hospital. He has authored over 200 publications along with over 30 book chapters and 9 major books. He has been an investigator on numerous major clinical trials developing new medical and surgical treatments for retinal disorders such as macular degeneration and diabetic retinopathy. He is invited to lecture worldwide and serves on the scientific editorial board for several top ophthalmology peer-reviewed journals.

As a recognized leader in the field, Dr. Regillo is a recipient of the many local, national, and international awards including American Academy of Ophthalmology Achievement, Senior Achievement, Secretariat, and Lifetime Achievement Awards and the American Society of Retina Specialists Honor and Senior Honor Awards. He is also a charter inductee of the Retina Hall of Fame.

**Keynote Speaker Honorees**

2013  Stanley Chang, MD  
2014  William S. Tasman, MD  
2015  Carmen A. Puliafito, MD, MBA  
2016  Steve Charles, MD  
2017  Maria H. Berrocal, MD  
2018  Mark S. Humayun, MD, PhD
Dr. D’Amico, MD, is Professor and Chairman of Ophthalmology at Weill Cornell Medical College and Ophthalmologist-in-Chief at the New York Presbyterian Hospital, and is an internationally recognized leader in the field of vitreoretinal surgery. He assumed the Chair at Weill Cornell in 2006 after his longstanding positions at Harvard Medical School as Professor of Ophthalmology, and as Associate Chief of Ophthalmology and Director of the Diabetic Unit at the Massachusetts Eye and Ear Infirmary.

A graduate of the Massachusetts Institute of Technology and the University of Illinois College of Medicine, he completed his residency at the Massachusetts Eye and Ear Infirmary. He completed his fellowship in vitreoretinal diseases at the University of Miami, Bascom Palmer Eye Institute, followed by selection as Chief Resident in Ophthalmology at the Massachusetts Eye and Ear Infirmary prior to joining the Harvard faculty.

Dr. D’Amico has published over 200 articles on vitreoretinal diseases and has co-edited two books covering comprehensive retinal themes. He has participated as a principal investigator or co-investigator in many clinical trials and laboratory investigations.

His major interests include: vitreoretinal surgery; diabetic retinopathy; experimental lasers and other technologies for the surgical treatment of vitreoretinal disorders such as retinal detachment; macular degeneration; and endophthalmitis and intravitreal drug therapy. As attending physician specializing in the care of patients with vitreoretinal disorders at the Weill Cornell Department of Ophthalmology, Dr. D’Amico also provides direct instruction of medical students, ophthalmology residents, and retina fellows. In his role as a teacher, he twice received the Teacher of the Year Award given by the residents of the Massachusetts Eye and Ear Infirmary.

Dr. D’Amico is a distinguished national and international lecturer and is the recipient of many honors, including the Life Achievement Honor Award from the American Academy of Ophthalmology. He is highly active in professional societies and has recently been named the inaugural Editor-in-Chief of the Journal of VitreoRetinal Diseases. He is a Past President of both the Retina Society and of the prestigious international retinal society Club Jules Gonin.

Lifetime Mentorship Award Honorees

- 2013 Allan E. Kreiger, MD
- 2014 Harry W. Flynn, Jr., MD
- 2015 Evangelos Gragoudas, MD
- 2016 Timothy G. Murray, MD, MBA
- 2017 Dean Elliott, MD
- 2018 Jay S. Duker, MD
Thursday APRIL 4

3:00-9:00 PM
Registration

4:00-6:00 PM
**Fellows’ Program** (for Fellows only)
(A non-CME event)

4:00-4:05 PM
**Welcome Remarks**
Royce Chen, MD and Mrinali P. Gupta, MD

4:05-4:20 PM
**Genentech, Inc.**

4:20-4:25 PM
**Bausch + Lomb**

4:25-4:55 PM
**Interactions with Industry**

**Introduction**
RV Paul Chan, MD

**Advisory Boards**
Jorge A. Fortun, MD

**Multicenter Trials**
Andrew A. Moshfeghi, MD, MBA

4:55-5:00 PM
**Investigator Sponsored Trials**
Thomas A. Albini, MD

**Exploratory Data Analysis**
Charlie C. Wykoff, MD, PhD

**Discussion**

4:00-6:00 PM
**Genentech, Inc.**

4:20-4:25 PM
**Bausch + Lomb**

4:25-4:55 PM
**Interactions with Industry**

**Introduction**
RV Paul Chan, MD

**Advisory Boards**
Jorge A. Fortun, MD

**Multicenter Trials**
Andrew A. Moshfeghi, MD, MBA

5:00-6:00 PM
**Primer on Inherited Retinal Diseases**
Royce Chen, MD

6:00-9:00 PM (for all registrants)
**Satellite Symposium: Fellows’ Foray – Surgical Video Challenge**
CME accreditation provided by Evolve Medical Education LLC (for this event only)

9:00-10:00 PM (for HCPs only)
**Welcome Reception**
Hosted by Novartis
8:00
Know Thy Machine: The Importance of Fluidics and Vitrectomy Settings
Yannek Leiderman, MD

8:10
Diabetic Vitrectomy Techniques
Michael A. Klufas, MD

8:20
3D Digital Visualization Systems for Vitreoretinal Surgery
Pravin Dugel, MD

8:30
Combining Oncology and Vitreoretinal Surgery
Zelia M. Correa, MD, PhD

8:40
If at First You Don’t Succeed: Combating Proliferative Vitreoretinopathy
Emmanuel Chang, MD, PhD

8:50
Yes, Those Are Gray Hairs: Staffing Vitreoretinal Fellows
Anthony Joseph, MD

9:00
It’s Not Over till It’s Over: Surgery After Open Globe Trauma
Basil K. Williams Jr., MD

9:08
Lights, Camera, Action! Endoscopic Surgery
Aaron Nagiel, MD, PhD

9:16
Take That, Parasite! Toxoplasmosis Surgery
Christopher R. Henry, MD
9:24
Vitrectomy for Endophthalmitis
Shriji N. Patel, MD

9:32
Approaches to Surgery for Sickle Cell Retinopathy
Adrienne W. Scott, MD

9:41
Very Badly Burned:
A Brief Look at Physician Reviews
Nathan Steinle, MD

9:50-10:20 AM
Break

10:20 -11:50 AM
SESSION 3:
LIVE SURGERY
Moderator: Jorge A. Fortun, MD
Panelists: Steve Charles, MD; Geeta A. Lalwani, MD; Mitul Mehta, MD
Live Surgeons:
- Joseph M. Coney, MD – Cleveland, OH
- Charles WG Eifrig, MD – Orange County, CA
- Sunir J. Garg, MD – Philadelphia, PA
- Colin A. McCannel, MD – Los Angeles, CA
- Rahul K. Reddy, MD, MHS – Phoenix, AZ

11:50 AM-1:20 PM
Lunch

12:15-1:15 PM
Marketplace Retina:
Industry on Display
(A non-CME event)
Alcon Laboratories, Inc.
Alimera Sciences
Allergan, Inc.
Bausch + Lomb
Dutch Ophthalmic USA
EyePoint Pharmaceuticals
Genentech, Inc.
Regeneron Pharmaceuticals, Inc.
Retina Today
ZEISS

1:15-1:20 PM
return to general session

1:20-2:35 PM
SESSION 4:
MEDICAL RETINA - NOT FOR THE FAINT OF HEART
Moderator: Charles C. Wykoff, MD, PhD
Panelists: Robert L. Avery, MD; Allen C. Ho, MD; Joel A. Pearlman, MD, PhD; Ivan J. Suner, MD, MBA

1:20
Retinal Genetics:
Top-10 IRD Insights
Daniel L. Chao, MD, PhD

1:29
Retinal Genetics:
Surgical Approaches
Jason Comander, MD, PhD
1:38
From AI to Machine Learning to Deep Learning
Aaron Y. Lee, MD

1:47
Enter the OCTagon
Brandon Lujan, MD

2:00
Panel Intravitreal Injection Technique: Focus on the Details
Moderator: Charles C. Wykoff, MD, PhD
Panelists: Robert L. Avery, MD; Daniel L. Chao, MD, PhD; Allen C. Ho, MD; Joel A. Pearlman, MD, PhD; Milan Shah, MD; Ivan J. Suner, MD, MBA

2:08
Medical Retina Tour de Force Panel
Moderator: H. Richard McDonald, MD
Panelists: Robert L. Avery, MD; Allen C. Ho, MD; Joel A. Pearlman, MD, PhD; Ivan J. Suner, MD, MBA

2:35-3:15 PM
SESSION 5:
KEYNOTE LECTURE:
FROM SEA TO SHINING SEA, AN INTERVIEW WITH DR. CARL REGILLO
Carl D. Regillo, MD
Interviewed by Jayanth Sridhar, MD

3:15-3:45 PM
Break

3:45-4:30 PM
SESSION 6:
LIGHTNING ROUNDS:
SURGICAL PEARLS FROM THE NEXT GENERATION
Moderator: Avnish Deobhakta, MD
Panelists: Theodore Leng, MD and Ella Leung, MD
Case Presenters:
3:45 – Murtaza Adam, MD
3:50 – Nika Bagheri, MD
3:55 – Judy J. Chen, MD
4:00 – Vaidehi S. Dedania, MD
4:05 – Brian Do, MD
4:10 – Avni P. Finn, MD
4:15 – Margaret Greven, MD
4:20 – Gregory Lee, MD
4:25 – Athanasios Papakostas, MD

4:30-5:00 PM
SESSION 7:
VBS ROUNDS
Moderators: Royce Chen, MD and John B. Miller, MD
Panelists: Yewlin E. Chee, MD; Aristomenis Thanos, MD; Andre J. Witkin, MD

4:30
Introductory Remarks
Royce Chen, MD and John B. Miller, MD

4:32
Giant Retinal Fold
Xuejing Chen, MD, MS
Retinal Detachment Repair following Tumor Resection
S. Amal Hussnain, MD

Perfluorocarbon Liquid-assisted Intraocular Foreign Body Removal
Cindy Ung, MD

Diabetic Surprise
Jose J. Echegaray, MD

Adjourn

7:30-10:30 PM
Dinner at the Bellagio
Grand Terrace Pool

6:30-7:15 AM
Women’s Breakfast
Hosted by the VBS Leadership

7:00 AM-4:30 PM
Registration

7:00 AM-1:45 PM
Exhibits

7:00-8:00 AM
Breakfast

8:00-9:15 AM
SESSION 8:
COLD VS HOT: A DEBATE OF OPTIMAL APPROACHES FOR COMMON AND UNUSUAL VITREORETINAL PATHOLOGIES

Moderators: Maria H. Berrocal, MD and Efrem D. Mandelcorn, MD

TEAM COLD VS TEAM HOT

Dislocated IOL
Cynthia X. Qian, MD vs Gabriela Lopezcarasa, MD

Complex RD
David Almeida, MD, MBA, PhD vs Maria Ana Martinez Castellanos, MD

RD Repair Technique
Andrew B. Merkur, MD vs Virgilio Morales-Canton, MD

Innovative Surgical Technique
Efrem D. Mandelcorn, MD vs Hugo Quiroz-Mercado, MD
Blind Patient – Surgical Management?
Caroline Baumal, MD vs Linda A. Cernichiaro Espinosa, MD

Retinal Maneuvers
Rachel Trussart, MD vs Gerardo Garcia-Aguirre, MD

9:15-9:57 AM

SESSION 9:
A LOT’S CHANGED SINCE 1967

Moderators: Gaurav K. Shah, MD; Lejla Vajzovic, MD; Glenn Yiu, MD, PhD

9:15
Free Flaps and More: Approaches to Complex Macular Hole Surgery
Yasha Modi, MD

9:22
Kids Are Not Just ‘Mini-Mes’: Tips for Pediatric Retina Surgery
Eric Nudleman, MD, PhD

9:29
Scleral-Fixated Intraocular Lens Crash Course
Ashkan M. Abbey, MD

9:36
Don’t Panic: Pearls for Vitrectomy Through Keratoprothesis
Mina Chung, MD

9:43
Intraoperative OCT: What More Can We See?
Ajay E. Kuriyan, MD, MS

9:50
No Indirect, No Problem: The Art of the Chandelier Buckle
Dilraj S. Grewal, MD

9:57-10:30 AM
Break

10:30-11:30 AM

SESSION 10:
SURGICAL INNOVATIONS
(A non-CME event)

Moderator: Emmett T. Cunningham Jr., MD, PhD
Panelists: Audina Berrocal, MD; Dean Eliott, MD; Paul R. Hallen, MS; Robert Niemietz

10:30
Creating an Independent Surgeon: Scleral Depression-transillumination for Unassisted Peripheral Vitrectomy
Bozho Todorich, MD, PhD

10:40
Discussion

10:50
Your New Favorite External Drainage Method
D. Wilkin Parke, III, MD

11:00
Discussion

11:10
Development of a Novel Hydrogel for Retinal Tamponade
James A. Stefater, III, MD, PhD

11:20
Discussion
11:30-11:40 AM
Break

11:40 AM-12:25 PM
**SESSION 11:**
**VBS LIFETIME MENTORSHIP LECTURE:**
**OBSERVATIONS FROM 37 YEARS OF TREATING AND TEACHING VITREORETINAL DISEASES AND SURGERY**

*Introduction:* RV Paul Chan, MD; Mrinali P. Gupta, MD; Anton Orlin, MD
*Recipient:* Donald J. D’Amico, MD

12:25-1:45 PM
Lunch

12:35-1:35 PM
**ZEISS Retinal Cases Series:**
The Eye Who Snagged Me
(A non-CME event)
*Speakers:* Audina Berrocal, MD; Jorge A. Fortun, MD; John B. Miller, MD; Aleksandra V. Rachitskaya, MD

1:35-1:45 PM
Return to General Session

1:45-2:15 PM
**SESSION 12:**
**BEYOND FEMBOTS: THE LANDSCAPE OF WOMEN IN RETINA**

*Moderator:* Ashvini K. Reddy, MD
*Panelists:* Sophie J. Bakri, MD; Maria H. Berrocal, MD; Cynthia A. Bradford, MD; Jonathan Chang, MD; George Williams, MD

2:15-3:30 PM
**SESSION 13:**
**COMPPLICATIONS**

*Moderator:* Andrew Schimel, MD
*Panelists:* Dean Eliott, MD; Mrinali P. Gupta, MD; M. Ali Khan, MD

3:30-4:25 PM
**SESSION 14:**
**PROFESSIONAL ETHICS AND MEDICAL DISCIPLINE**

*Moderator:* Donald J. D’Amico, MD
*Panelists:* Audina Berrocal, MD; David Eichenbaum, MD; Dante J. Pieramici, MD

What Every Physician Needs to Know in 2019
Carmen A. Puliafito, MD, MBA

4:25-4:30 PM
Closing Remarks
R. Ross Lakhanpal, MD

7:00-10:30 PM
Dinner and Awards Ceremony at Hyde
This CME activity is supported by an educational grant from:
Regeneron Pharmaceuticals, Inc.

EXHIBITORS
The Vit-Buckle Society gratefully acknowledges the following companies for their generous support.

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