

35TH ANNUAL UC DAVIS HEALTH SYSTEM EYE CENTER

# OPHTHALMOLOGY SYMPOSIUM

*Big Topics on the Big Island:  
An Update of Comprehensive Ophthalmology*

Wednesday-Saturday  
**JUNE 13-16, 2012**



WHOSE EYE IS THIS?



**Hilton**  
Waikoloa Village®  
**BIG ISLAND, HAWAII**

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Online Registration  
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**UC DAVIS**  
**HEALTH SYSTEM**

Office of Continuing Medical Education  
and the  
UC Davis Health System Eye Center

# BIG TOPICS ON THE BIG ISLAND:

**Wednesday, June 13, 2012**

**12:30 pm** Registration, Afternoon Snacks, Visit Exhibits

**Moderator: Mark J. Mannis, MD**

**1:00 Introduction and Objectives**

*Mark J. Mannis, MD*

**1:05 Knowledge Assessment: Pre-test**

**1:15 DMEK or DSEK: Transplanting the Cornea one Layer at a Time**

*Marian S. Macsai, MD*

**1:40 The Ocular Hypertension Treatment Study: Things We Learned That Should Guide Your Practice**

*James D. Brandt, MD*

**2:05 Femtosecond Laser: First Year Experience**

*Robert J. Cionni, MD*

**2:30 What Not to Miss: Challenging Cases in Pediatric Ophthalmology**

*Nandini G. Gandhi, MD*

**2:55 Panel Discussion with Q & A**

**3:15** Refreshment Break

**Mini-Symposium**

**Moderator: Michele C. Lim, MD**

**3:30 Electronic Health Records: Meaningful Use and Beyond**

*Michele C. Lim, MD, James D. Brandt, MD and Andrea V. Gray, MD*

**5:10 Panel Discussion with Q & A**

**5:30 Measurement of Knowledge Improvement: Post-test**

**5:45** Adjourn

**5:45-7:00 pm** Meet the Faculty, Networking Reception

**Thursday, June 14, 2012**

**6:45am** Continental Breakfast, Visit Exhibits and Roundtable Discussions  
*Informal discussion with faculty on Thursday, Friday and Saturday. Topics include:*

**Ethics** *Drs. Li and Casper*

**EHR Pearls and Pitfalls** *Dr. Lim*

**Neuro-ophthalmology** *Dr. Khaderi*

**Oculoplastics** *Dr. Lin*

**Comparative Ophthalmology** *Dr. Schwab*

**Making Sense out of Blepharitis** *Dr. Mannis*

**8:00 Introduction and Objectives**

*Jeffrey J. Caspar, MD*

**8:05 Knowledge Assessment: Pre-test**

**8:15 Mini-Symposium**

**Best of UC Davis Grand Rounds**

*Moderator: Jeffrey J. Caspar, MD*

**9:55 Panel Discussion with Q & A**

**10:15** Refreshment Break

**Moderator: Jennifer Y. Li, MD**

**10:30 Corneal Thickness, Ocular Biomechanics and Glaucoma – How does it all fit together?**

*James D. Brandt, MD*

**10:55 Current Techniques in the Management of Compromised Zonules**

*Robert J. Cionni, MD*

**11:20 Omega 3 and Ocular Surface Disease**

*Marian S. Macsai, MD*

**11:45 Beyond Gaming: Assessing Visual Function through Video Games**

*S. Khizer Khaderi, MD*

**12:10 Panel Discussion with Q & A**

**12:30 Measurement of Knowledge Improvement: Post-test**

**12:45 pm** Adjourn

# An Update of Comprehensive Ophthalmology

Friday, June 15, 2012

**11:45 am** Afternoon Snacks, Visit Exhibits and Roundtable Discussions

**Moderator: Ivan R. Schwab, MD**

**1:00 Introduction and Objectives**  
Ivan R. Schwab, MD

**1:05 Knowledge Assessment: Pre-test**

**1:15 Age Related Macular Degeneration: What's New on the Horizon for Wet and Dry?**  
Susanna S. Park, MD, PhD

**1:40 Managing Malpositioned IOL's**  
Robert J. Cionni, MD

**2:05 A Tale of Two Diseases: The Paradox of Early Detection**  
James D. Brandt, MD

**2:30 Erosions: A Recurring Nightmare**  
Marian S. Macsai, MD

**2:55 Panel Discussion with Q & A**

**3:15 Refreshment Break**

**3:30 Mini-Symposium**  
**Moderator: Francisco Garcia-Ferrer, MD**

**Optimizing Your Ophthalmic Practice**

Andrea V. Gray, MD and Ms. Lori Collins

**Creating a Culture of Radical Customer Service Staff Teamwork**

**How to Add Extreme Value to Your Patients' Experience**

**What Your Patients Won't Tell You but Wish That You Knew**

**4:35 Panel Discussion with Q & A**

**4:45 SPECIAL PRESENTATION:**  
**Evolutionary Ophthalmology**

Ivan R. Schwab, MD

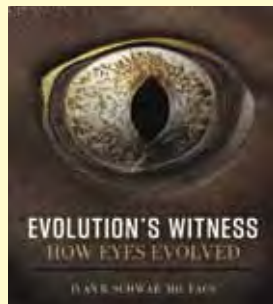
**5:30 Panel Discussion with Q & A**

Each animal alive today has an eye that fits its niche perfectly demonstrating the intimacy of the evolutionary process as no other organ could. The evolution of the eye is one of the best examples of Darwinian principles.

Although few eyes fossilize in any significant manner, many details of this evolution are known and understood. From initial photoreception 3.75 billion years ago to early spatial recognition in the first cupped eyespot in *Euglena* to fully formed camera style eyes the size of beach balls in ichthyosaurs, animals have processed light to compete and survive in their respective niches.

It is evolution's greatest gift and its greatest triumph.

This is the story of the evolution of the eye.



White-tipped Reef Shark (*Triaenodon obesus*)  
Photo courtesy of by James D. Brandt, MD©

**5:40 Measurement of Knowledge Improvement: Post-test**

**5:45 pm Adjourn**

Saturday, June 16, 2012

**6:45am** Continental Breakfast, Visit Exhibits and Roundtable Discussions

**8:00 Introduction and Objectives**  
S. Khizer Khaderi, MD

**8:05 Knowledge Assessment: Pre-test**

**8:15 Mini-Symposium**  
**Moderator: S. Khizer Khaderi, MD**

**Journal Club**

A review and discussion of important articles from the past year.

**Cornea** Jennifer Y. Li, MD

**Glaucoma** Annie K. Baik, MD

**Retina** Susanna S. Park, MD, PhD

**Pediatric Ophthalmology** Nandini G. Gandhi, MD

**Neuro-ophthalmology** S. Khizer Khaderi, MD

**9:55 Panel Discussion with Q & A**

**10:15 Refreshment Break**

**Moderator: Annie K. Baik, MD**

**10:30 Pearls for Refractive IOL's**  
Marian S. Macsai, MD

**10:55 Presbyopia-correcting IOL's**  
Robert J. Cionni, MD

**11:20 Tube or Trab – Which Procedure for What Patient?**  
James D. Brandt, MD

**11:45 Not all Eyelids are Created Equal: Upper Blepharoplasty for the Comprehensive Ophthalmologist**  
Lily Koo Lin, MD

**12:10 Panel Discussion with Q & A**

**12:30 Measurement of Knowledge Improvement: Post-test**

**12:45 pm Adjourn**

## FACULTY

### UC DAVIS HEALTH SYSTEM EYE CENTER CO-CHAIRS

**Michele C. Lim, MD**  
Associate Professor  
Glaucoma  
UCDHS Eye Center

**Francisco Garcia-Ferrer, MD**  
Associate Professor  
Cornea, External Disease and  
Refractive Surgery  
VA Sacramento Medical Center

### KEYNOTE FACULTY

**James D. Brandt, MD**  
Professor  
UCDHS Eye Center  
Sacramento, California

**Robert J. Cionni, MD**  
Medical Director  
The Eye Institute of Utah  
Salt Lake City, Utah

**Marian S. Macsai, MD**  
Chief, Ophthalmology  
NorthShore University Health System  
Professor of Ophthalmology  
University of Chicago  
Pritzker School of Medicine

### GUEST FACULTY

**Lori Collins**  
Practice Manager and Billing Specialist  
for Andrea V. Gray, MD, PC  
Roseburg, Oregon

**Andrea V. Gray, MD, PC**  
Private Practice  
Roseburg, Oregon

### UC DAVIS HEALTH SYSTEM EYE CENTER FACULTY

**Annie K. Baik, MD**  
Assistant Professor  
Glaucoma

**Lily Koo Lin, MD**  
Assistant Professor  
Oculoplastic Surgery

**Jeffrey J. Caspar, MD**  
Professor  
Comprehensive Ophthalmology and  
Refractive Surgery

**Mark J. Mannis, MD**  
Professor and Chair  
Cornea, External Disease  
and Refractive Surgery

**Nandini G. Gandhi, MD**  
Assistant Professor  
Pediatric Ophthalmology and Strabismus

**Susanna S. Park, MD, PhD**  
Professor  
Vitreoretinal Disease

**S. Khizer Khaderi, MD**  
Assistant Professor  
Neuro-Ophthalmology

**Ivan R. Schwab, MD**  
Professor Emeritus  
Cornea, External Disease and Uveitis

**Jennifer Y. Li, MD**  
Assistant Professor  
Cornea, External Disease  
and Refractive Surgery

### CONFERENCE COORDINATOR

**Kimber Chavez**  
CME Specialist  
Office of Continuing Medical Education  
UC Davis Health System

## UC DAVIS HEALTH SYSTEM CME MISSION

In concert with the UC Davis Health System mission of “discovering and sharing knowledge to advance health,” the continuing medical education (CME) mission focuses on the lifelong learning commitments of healthcare professionals practicing in Northern California and beyond. UC Davis CME is at the nexus between scientific discovery and its translation into practice. The CME program is committed to developing evidence-based educational programs to meet the learners’ educational needs to enhance competence, performance and/or patient care.

## DISCLOSURE OF RELEVANT FINANCIAL RELATIONSHIPS

As a provider accredited by the Accreditation Council for Continuing Medical Education, the University of California, Davis Health System Office of Continuing Medical Education must ensure balance, independence, and objectivity in all CME activities to promote improvements in health care and not proprietary interests of a commercial interest. The provider controls all decisions related to identification of CME needs, determination of educational objectives, selection and presentation of content, selection of all persons and organizations that will be in a position to control the content, selection of educational methods, and evaluation of the activity. Course directors, planning committee members, presenters, authors, moderators, panel members, and others in a position to control the content of this activity are required to disclose relevant financial relationships with commercial interests related to the subject matter of this educational activity. Learners are able to assess the potential for commercial bias in information when complete disclosure, resolution of conflicts of interest, and acknowledgment of commercial support are provided prior to the activity. Informed learners are the final safeguards in assuring that a CME activity is independent from commercial support. We believe this mechanism contributes to the transparency and accountability of CME.

## FOR FURTHER INFORMATION

**UC Davis Health System  
Office of Continuing Medical Education  
1(866) CME4EDU (263-4338)**  
(916) 734-5390  
(916) 734-0742 Fax  
3560 Business Drive, Suite 130  
Sacramento, CA 95820-2161  
<http://cme.ucdavis.edu>

## NEEDS ASSESSMENT

To be successful, practicing ophthalmologists must adapt their practices to a rapidly changing health care environment. Course participant evaluations and community physician annual needs assessment surveys have identified the need for cutting edge information that includes embracing new electronic record systems, evolving diagnostic technologies, and novel therapeutic and surgical modalities in order to provide the highest quality, cost-effective care for patients.

This course will provide a fresh look at the current state of ophthalmic practice from experts in the field utilizing didactic instruction, video instruction, case presentations, panel discussions and interactive roundtable sessions and is designed to change physician performance. Areas of focus will include the latest developments in cataract surgery and intraocular lenses, cornea and external disease, and glaucoma. This course will also include sessions on practice management and ethics.

## EDUCATIONAL OBJECTIVES

*At the end of the program, participants should be able to:*

- Discuss advanced cataract surgery techniques to manage complex surgical cases including weakened zonules and malpositioned intraocular lens implants in order to decrease surgical complications and improve patient outcomes.
- List indications and contraindications for advanced technology intraocular lens implants in order to identify appropriate patient candidates for this technology.
- Discuss major findings of the Ocular Hypertension Treatment Study (OHTS) in order to minimize the chance of progression to glaucoma for patients at risk.
- Distinguish between new corneal endothelial transplantation methods in order to effectively counsel patients needing these procedures.
- Explain the role of omega-3 supplementation in the management of ocular surface disease in order to minimize the need for more aggressive treatment strategies.
- Discuss the components of electronic health record (EHR) “meaningful use” in order to prepare themselves for EHR implementation.

## ENROLLMENT

Please register early – space is limited.

- Early discount \$549
- After May 1 \$635
- After June 1 \$685

**Confirmation of registration will be sent within two weeks after receipt of enrollment form.**

Tuition includes continental breakfasts, refreshment breaks, electronic syllabus, reception, and an on-line certificate of attendance. Tuition may be paid by check, American Express, Discover, MasterCard or VISA. Cash is not accepted. Program materials cannot be guaranteed unless enrollment is received by May 30, 2012. The Office of Continuing Medical Education reserves the right to cancel this program. In such a case, a full refund will be given.

**Registration forms received without payments will not be processed until payment is received, and payment must follow within 10 days.** Early discount rates are honored if payment is received by the date noted on the enrollment form. After that date, the late fee is applied.

**On-site Fees:** At door registrations will be charged at a higher rate. Please see enrollment form for details.

### **Cancellation and Refund Policy:**

A refund of tuition, less \$75 administrative fee, will be allowed if requested in writing by May 30, 2012. No refunds will be provided after this date.

## ACCREDITATION



The University of California, Davis Health System is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

## CREDIT DESIGNATION

**Physician Credit:** The University of California, Davis Health System designates this live activity for a **maximum of 21 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**AMA PRA Category 1 Credits™ acceptable for interprofessional team members**

**Nurse:** For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credits™ issued by organizations accredited by the ACCME. For the purpose of relicensure, the California Board of Registered Nursing accepts AMA PRA Category 1 Credits™ (report hours of credit and fill in “CME Category 1” for the provider number).

**Physician Assistant:** The National Commission on Certification of Physician Assistants (NCCPA) states that AMA PRA Category 1 Credits™ are acceptable for continuing medical education requirements for recertification.

### **American Board of Ophthalmology MOC Ethics Requirement:**

- This activity offers 3 CME credits for this requirement.
- American Board of Ophthalmology (ABO) diplomates certified in 1992 and thereafter must extend the validity of their certificates in 10-year periods by participating in the Maintenance of Certification (MOC) process. Part of the process requires ethics-specific CME.
- Three CME credits in ethics are required in each 10-year period. The ABO has no specific guidelines regarding courses that will satisfy this requirement except that the word “ethics” must be in the course title and it must be designated as ethics by the sponsoring organization. The board may accept or reject any ethics course based on content. Be sure to keep your course content documentation for proof of validity.

### **General Session**

Up to 18 AMA PRA Category 1 Credits™

### **Optional Roundtable Discussions**

Up to 3 AMA PRA Category 1 Credits™ (1 each)

Informal discussion with faculty on Thursday, Friday, and Saturday

Topics include:

- Ethics; *Drs. Li and Casper*
- EHR Pearls and Pitfalls; *Dr. Lim*
- Neuro-ophthalmology; *Dr. Khaderi*
- Oculoplastics; *Dr. Lin*
- Comparative Ophthalmology; *Dr. Schwab*
- Making Sense out of Blepharitis; *Dr. Mannis*

### **ELECTRONIC SYLLABUS**

The electronic syllabus will be available to pre-registered attendees online prior to the meeting for downloading and printing and onsite on a USB drive. Attendees will receive an email when the syllabus materials are available online. Printed syllabus will not be available.

## LOCATION

### Hilton Waikoloa Village®

69-425 Waikoloa Beach Drive  
Waikoloa, Hawaii 96738  
(808) 886-1234  
(800) Hiltons Reservations  
(808) 886-2900 Fax  
<http://www.hiltonwaikoloavillage.com>

### Great Room Rates!

We have secured AMAZING rates for conference participants:

\$189 - Inland View Guestroom  
\$209 - Partial Ocean View  
\$239 - Deluxe Ocean View

- There are a limited number of rooms in each category
- Reservations must be made by May 13, 2012
- The resort will likely sell out prior to the reservations deadline
- Contact the resort directly for reservations

**By staying at the host hotel, you help the University of California, Davis meet its contractual obligations with the Hilton Waikoloa Village® and keep future registration fees reasonable. Please consider that when making your accommodation decisions. We encourage you to stay at the host hotel.**

Hilton Waikoloa Village on Hawaii's Big Island offers lush tropical gardens, exotic wildlife, cascading waterfalls, tranquil lagoons and waterways, playful dolphins, three swimming pools and beautifully appointed guest rooms. The resort also boasts two championship golf courses, a seaside putting course, world-class tennis, the luxurious Kohala Sports Club & Spa, nine international cuisine restaurants, the Museum Walkway, Camp Menehune children's program and Hawaiian cultural activities. With a mahogany canal boat rides and sleek air-conditioned tram transportation around the resort.



## GROUND TRANSPORTATION

**Hertz Car Rental:** 1 (800) 544-2240 and request ID CR#04H70001 for discounted rates.

**National Car Rental:** 1 (800) CAR-RENT and request ID #5282865 for discounted rates.



## AIR TRAVEL to Kona International Airport (KOA)

The Office of Continuing Medical Education has arranged group rates with the airlines listed below. Please read and follow the directions carefully to obtain these special rates for your travel to our conference.

### Hawaiian Airlines

For this specific conference, substantial flight discounts are available through Hawaiian Airlines for our West Coast attendees. You may access these rates by logging on to the Hawaiian Airlines website: <http://www.HawaiianAir.com/Affiliate>. You must enter the Preferred Affiliate Program Code: UCDHEALTH to book your discounted flight online. This discount is only available to internet bookings. At the FareShopper Page, be sure to click on the tabs showing discounts available. Tickets will be issued directly from Hawaiian Airlines by Electronic Ticketing (E-Ticket).

### United Airlines

Please call United Airlines at (800) 521-4041 between 7:00 am & 12:00 am ET, to take advantage of this conference's discounts by mentioning account code #552QB. Discounts include 5% off the lowest, unrestricted coach fare (some restrictions apply) when you travel to the meeting site (mileage plus applies). United specialists will explain any restrictions and make reservations for you. If you purchase from a local agent, be sure the agent calls the 800 number and uses the account code. Fares are guaranteed at the time of ticket purchase.

## CALIFORNIA AB 1195

California Assembly Bill No. 1195 With the passage of California Assembly Bill 1195, signed November 2005, continuing medical education courses with patient care components are required to include curricula in the subject of cultural and linguistic competency. It is the intent of the bill, which went into effect on July 1, 2006, to encourage physicians and surgeons, CME providers in the state of California, and the Accreditation Council for Continuing Medical Education to meet the cultural and linguistic concerns of a diverse patient population through appropriate professional development. The planners, speakers, and authors of this CME activity have been encouraged to address issues relevant in their topic area. In addition, a variety of resources are available to address cultural and linguistic competency, some of which will be included in the syllabus or handout materials. Additional resources and information about CA AB 1195 can be found on our website: <http://cme.ucdavis.edu>.

# ENROLLMENT APPLICATION

Ophthalmology Symposium  
June 13-16, 2012

(Please Print)

First Name \_\_\_\_\_ MI \_\_\_\_\_ Last Name \_\_\_\_\_  
 MD  DO  PA  NP  RN  COA  COT  OPTOMETRIST  Other \_\_\_\_\_

Institution/Employer (as you would like it to appear on your badge) \_\_\_\_\_ Profession / Occupation \_\_\_\_\_

Address (where you would like your receipt mailed) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

( ) \_\_\_\_\_ ( ) \_\_\_\_\_  
Day Phone \_\_\_\_\_ Fax Number \_\_\_\_\_

E-mail \_\_\_\_\_  
Email address required for link to syllabus. UC Davis will not use your email for any other purpose than corresponding with you.

**Physician information required for CME credit and name badge.** Please indicate primary medical specialty:

OPH  POPH  FP  GP  IM  Other (specify) \_\_\_\_\_

Social Security Number (last 4 digits required for transcript purposes)

**X X X - X X -**

**Have you attended this conference in the past?**

Yes  No

Please copy the mail code from the address side of the brochure (above your name, e.g. PPOPH, MMSOPH, CRDOPH) \_\_\_\_\_

If you **did not receive a brochure** in the mail, how did you hear about this conference? (Example: PT&MG, UCD website, web search, magazine, friend)? \_\_\_\_\_

## REGISTRATION FEES (Receipt/Confirmation will be mailed within two weeks)

All Participants      **Early Discount**      **After May 1**      **After June 1 and On-Site**  
 \$549       \$635       \$685

## UC DAVIS AFFILIATE FEES (please specify)

Faculty       Volunteer Faculty       Alumni       Staff       PCN  
All Participants      **Early Discount**      **After May 1**      **After June 1 and On-Site**  
 \$439       \$508       \$548

7 Digit Acct. # \_\_\_\_\_ Authorized Signature and Phone # \_\_\_\_\_ Department \_\_\_\_\_

## MEET THE FACULTY RECEPTION (included in tuition, pre-registration required, guests invited)

I will attend the Wednesday reception alone.       I will not attend the reception.  
 I and my spouse/guests will attend the reception.      # \_\_\_ Adults      # \_\_\_ Children

If you need disability accommodations at the meeting, please let us know by **May 30, 2012** and our representative will contact you.

Please note special dietary/ food allergy requirements \_\_\_\_\_

### Please check your payment method.

**Registration forms received without check, credit card number or purchase order number will not be processed until payment is received.**

Check enclosed payable to: **UC Regents**     AMEX     Discover     MasterCard     VISA

For office use only


**OPHTH12**

**6215**

Account Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Authorized Signature (name on card) \_\_\_\_\_ Security Code \_\_\_\_\_

Please use ONE of these methods to register: (DO NOT mail if previously faxed or telephoned)

 Mail application and payment to **UC Davis Health System, c/o UC Davis Cashier's Office**  
PO Box 989062, West Sacramento, CA 95798-9062



Telephone: (916) 734-5390



Fax application (916) 734-0742

**REGISTER ONLINE AT: <http://cme.ucdavis.edu/conferences>**

35TH ANNUAL UC DAVIS HEALTH CENTER EYE CENTER

# OPHTHALMOLOGY SYMPOSIUM

*Big Topics on the Big Island:  
An Update of Comprehensive Ophthalmology*

Wednesday-Saturday  
**June 13-16, 2012**

**Hilton Waikoloa Village**  
Big Island, Hawaii

**Highlights:**

- Cataract surgery pearls for your practice
- New approaches in maintaining and restoring a healthy ocular surface
- How to manage corneal problems in your office
- Novel therapeutics in glaucoma
- Retina management for the comprehensive ophthalmologist
- Breakfast roundtable discussions: Meet the experts
- Best of UC Davis Grand Rounds
- Ethics - fulfills the 3 hour requirement for Maintenance of Certification
- Mini - symposia:
  - Optimizing your ophthalmic practice
  - The Electronic Medical Record: Meaningful use and beyond
- Special Presentation: Evolutionary Ophthalmology

*This program is self supporting and receives no state funding.*

**If you cannot attend...  
please give brochure  
to a colleague!**

**DATED MATERIAL**

  
**Hilton**  
Waikoloa Village®  
BIG ISLAND, HAWAII



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