

# RAYMOND WEE, MD, MA, MS

## Work Address

Retina Consultants of Hawaii  
98-1079 Moanalua Rd. Suite #470  
Aiea, HI 96701

## EDUCATION

<b>Barnes Retina Institute/Washington University</b> -Vitreo-retinal fellow	<b>Jul '08-Jun '10</b>
<b>Massachusetts Eye &amp; Ear Infirmary/Harvard Medical School</b> -Chief Resident in ophthalmology	<b>Jul '07-Jun '08</b>
<b>Massachusetts Eye &amp; Ear Infirmary/Harvard Medical School</b> -Ophthalmology resident	<b>Jul '04-Jun '07</b>
<b>University of Hawaii</b> -Transitional intern	<b>Jul '03-Jun '04</b>
<b>Washington University School of Medicine in St. Louis (WashU)</b> -Doris Duke clinical research fellow (2001-2002); MA in Clinical Research	<b>Aug'98-May'03</b>
<b>Yale University</b> -combined BS/MS program in Molecular Biophysics and Biochemistry	<b>Aug'94-May'98</b>
<b>Illinois Mathematics and Science Academy (IMSA)</b>	<b>Aug'91-May'94</b>

## CERTIFICATION

<b>Board Certified by American Board of Ophthalmology</b>	<b>May '09-present</b>
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## CLINICAL APPOINTMENTS

<b>Washington University</b> Instructor	<b>Jul'08-Jun'10</b>
<b>Barnes-Jewish Hospital</b> Housestaff	<b>Jul'08-Jun'10</b>
<b>Massachusetts Eye &amp; Ear Infirmary</b> Director, Eye Trauma Service	<b>Jul '07-Jun '08</b>
Assistant in Ophthalmology, Active Staff	<b>Jul '07-Jun '08</b>
<b>Harvard Medical School</b> Instructor in Ophthalmology	<b>Jul '07-Jun '08</b>
<b>Massachusetts General Hospital</b> Clinical Associate Staff, Dept. of Surgery	<b>Jul '07-Jun '08</b>

## HONORS AND AWARDS

<b>Best Doctors in America</b>	<b>2012</b>
<b>"Golden Apple" Award</b> for best fellow as elected by WashU ophth residents	<b>2009</b>
<b>American College of Surgeons Exemplary Teaching Award</b> - top 10 finalist	<b>2008</b>

<b>Robert Carter Medical School Award</b> from WashU Medical School	<b>2003</b>
<b>Max and Evelyn Grand Prize</b> from WashU Dept of Ophthalmology	<b>2003</b>
<b>William Ellis Research Prize</b> from WashU Dept of Ophthalmology	<b>2002</b>
<b>Alan Bateman Prize</b> from Yale University	<b>1998</b>
<b>Summa Cum Laude</b> from Yale University	<b>1998</b>
<b>Graduated with Distinction</b> from Yale Molecular Biophysics and Biochemistry	<b>1998</b>
<b>Phi Beta Kappa</b> from Yale University	<b>1997</b>

## **GRANTS AND STIPENDS**

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<b>Heed Ophthalmic Foundation Fellowship</b> -Awarded one-year grant	<b>2008</b>
<b>National Eye Institute Travel Grant</b> -Travel grant awarded for 2006 annual ARVO meeting	<b>2006</b>
<b>Heed Ophthalmic Foundation Residency Retreat</b> -Selected as Mass Eye and Ear Representative to attend inaugural conference	<b>2005</b>
<b>Forum for International Health and Tropical Medicine Travel Grant</b> -Infectious disease education in Bangkok, Thailand	<b>2003</b>
<b>Doris Duke Clinical Research Fellowship</b> -Grant to support yearlong project "Sleep Disturbances in Young Subjects with Visual Dysfunction" with Russell Van Gelder, MD, PhD at Washington University School of Medicine in St. Louis	<b>2001</b>

## **PUBLICATIONS**

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- Wee R**, Grand MG. Doc, should I stop my blood thinner before surgery? *Retina Times*. 2009 Fall: 17.
- Miller JW, **Wee R**. Preface to ocular pathology issue. *Int Ophthalmol Clin*. 2008 Winter; 49(1):xv.
- Wee R**, Grand MG. Management of a choroidal neovascular membrane in an adolescent with intravitreal Avastin monotherapy. Submitted.
- Wee R**, Han DP, Shah GK. Visual and anatomical outcomes following vitrectomy for secondary epiretinal membranes following therapy for wet age-related macular degeneration. Submitted.
- Wee R**, Papaliadis GN. Genetics of birdshot chorioretinopathy. *Seminars in Ophthalmology*. 2008 Jan-Feb; 23(1):53-57.
- Janjua S, Gearing MD, **Wee R**, Kim JY, Brar N, Cremers SL. The Global Rating Assessment of Strabismus Surgery (GRASS) questionnaire is an appropriate tool in evaluating trainee performance. Submitted.

- Wee R**, Fay A. Congenital nasolacrimal duct obstruction. *Digital Journal of Ophthalmology*. 2004.
- Wee R**, Van Gelder RN. Sleep disturbances in young subjects with visual dysfunction. *Ophthalmology*. 2004 Feb; 111(2):297-302.
- Van Gelder RN, **Wee R**, Lee JA, Tu DC. Reduced pupillary light responses in mice lacking cryptochromes. *Science*. 2003 Jan 10; 299 (5604):222.
- Wee R**, Castrucci AM, Provencio I, Gan L, Van Gelder RN. Loss of photic entrainment and altered free-running circadian rhythms in *math5*<sup>-/-</sup> mice. *J Neurosci*. 2002 Dec 1; 22(23):10427-33.

## POSTERS

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- Perry LJ, Andreoli MT, **Wee R**, Andreoli CM, Vavvas D. Comparison of General Anesthesia Versus Monitored Anesthesia Care in the Repair of Open Globes. ARVO 2008.
- Rashid S, Andreoli MT, Kloek CE, **Wee R**, Andreoli CM. Open Globe Injuries in Children at the Massachusetts Eye & Ear Infirmary. ARVO 2008.
- Rosdahl JA, **Wee R**, Andreoli MT, Andreoli CM. Motor Vehicle Accident-Associated Ruptured Globes at the Massachusetts Eye & Ear Infirmary. ARVO 2008.
- Shah AS, Andreoli MT, Kloek CE, **Wee R**, Andreoli CM. Do Ocular-Trauma Models Accurately Predict Visual Outcome after Open Globe Injuries? ARVO 2008.
- Wee R**, Gearing MD, Kim JY, Brar N, Cremers SL. The Global Rating Assessment of Strabismus Surgery (GRASS) questionnaire is an appropriate tool in evaluating trainee performance. ARVO 2007.
- Wee R**, Lane AM, Gragoudas ES, Young LH. Absence of interferon-alfa-2a antibodies in patients treated with adjunctive IFN therapy after proton beam irradiation for uveal melanoma. ARVO 2006.
- Wee R**, Ferrufino-Ponce ZK, Cremers SL, Henderson BA. Incidence and causes of re-operation after cataract surgery. ARVO 2005.
- Wee R**, Van Gelder RN. Loss of photic entrainment and altered free-running circadian rhythms in *math5*<sup>-/-</sup> mice. ARVO 2002.

## **LECTURES**

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<b>PCOOS Annual Meeting</b>	<b>6/21-24/2013</b>
-“The Eyes Roles in Circadian Rhythms”	
-“Polypoidal Choroidal Vasculopathy”	
<b>The 20<sup>th</sup> Anniversary Meeting of The Retina Center at Pali Momi</b>	<b>4/12/2013</b>
-“Peripapillary Subretinal Neovascular Membrane”	
-“Severe Serous Retinal Detachments”	
<b>Study Club for Ophthalmic Research in Hawaii</b>	<b>4/25/2013</b>
-“Jetrea for Symptomatic Vitreoretinal Adhesion”	
<b>Retina Update 2012 – The Retina Center at Pali Momi</b>	<b>4/14/2012</b>
-Course Instructor	
<b>Annual Meeting of the American Society of Retina Specialist</b>	<b>8/23/2011</b>
-“PEARL Study: Continuous Monthly Ranibizumab Injections for Polypoidal Choroidal Vasculopathy with Active Exudation or Bleeding (1 Year Results)	
<b>The Western Association for Vitreoretinal Education (WAVE) Meeting</b>	<b>7/11/2011</b>
-“Continuous 12-Month Treatment of Polypoidal Choroidal Vasculopathy with Ranibizumab”	
<b>Study Club for Ophthalmic Research in Hawaii</b>	<b>7/28/2011</b>
-“Continuous 12-Month Treatment of Polypoidal Choroidal Vasculopathy with Ranibizumab”	
<b>Queen’s Medical Center Ophthalmology Department Meeting</b>	<b>4/27/2011</b>
-Guest lecturer “Interesting Retina Cases”	
<b>Continuing Medical Education Series, Kahului</b>	<b>4/21/2011</b>
-“Changing Paradigm in the Treatment of Common Retina Problems”	
<b>Study Club for Ophthalmic Research in Hawaii</b>	<b>11/4/2010</b>
-“Sleep disturbances in children with visual dysfunction”	
<b>Pali Momi Hospital: Continuing Medical Education Series</b>	<b>9/27/2010</b>
-Guest lecturer	
<b>Boston University Advanced Anatomy Course</b>	<b>2008</b>
-Guest lecturer	
<b>The Eighteenth Annual Claes H. Dohlman Visiting Professorship</b>	<b>2008</b>
-Course Director – “Ocular pathology”	
<b>Massachusetts College of Pharmacy and Health Sciences</b>	<b>2007</b>
-Ophthalmology lecture series to physician assistant students	
<b>The Tenth Harvard Lecture in Ophthalmology</b>	<b>2007</b>
-“Genetics of birdshot chorioretinopathy”	
<b>The Thirty-sixth Annual Paul A. Chandler Visiting Professorship</b>	<b>2006</b>
-Co-Director – “Glaucoma”	
<b>Doris Duke Clinical Research Fellowship National Conference</b>	<b>2002</b>
-“Sleep disturbances in young subjects with visual dysfunction”	

## **CLINICAL TRIALS**

Lpath: iSONEP +/- Lucentis/Avastin/Eylea for Wet AMD (Nexus)	<b>2013-ongoing</b>
Acucela: Emixustate Hydrochloride for Dry AMD (ACU-4429)	<b>2012-ongoing</b>
IST: Eylea for Polypoidal Choroidal Vasculopathy (EPIC)	<b>2012-ongoing</b>
Regeneron: VEGF-TRAP for DME – Unmasked Investigator (VISTA)	<b>2011-ongoing</b>
IST: Ranibizumab for Polypoidal Choroidal Vasculopathy (PEARL2)	<b>2010-ongoing</b>

Genentech: Ranibizumab for Diabetic Macular Edema – Injecting Physician (RISE)	<b>2010-2013</b>
Genentech: Ranibizumab for Wet-AMD – Injecting Physician (HARBOR)	<b>2010-2012</b>
Regeneron: VEGFT-TRAP for Wet-AMD – Injecting Physician (VIEW1 EXT)	<b>2010-2013</b>
Regeneron: VEGF-TRAP for Wet-AMD – Injecting Physician (VIEW1)	<b>2010-2011</b>

## **MASTER’S THESES**

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**Wee R, Van Gelder RN.** Sleep disturbances in young subjects with visual dysfunction. Washington Univ in St. Louis 2002.

**Wee R, Senes A, Engelman DM.** The folding of cytochrome m562, a novel membrane protein. Yale 1998.

## **HOSPITAL COMMITTEES**

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<b>MEEI Residency Selection Committee</b>	<b>2007-2008</b>
<b>MEEI Collaborative Practice Committee</b>	<b>2007-2008</b>
<b>MEEI Cultural Diversity CQI</b>	<b>2007-2008</b>
<b>MEEI Website Development Committee</b>	<b>2007-2008</b>
<b>MEEI Electronic Medical Records Committee</b>	<b>2007-2008</b>
<b>MEEI Residency Steering Committee</b>	<b>2004-2008</b>

## **COMMUNITY INVOLVEMENT**

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<b>Hawaii Ophthalmological Society Secretary</b>	<b>2013</b>
<b>Fire Marshall’s Fireworks Safety Conference</b>	<b>2008</b>
<b>Lions Club Eye Screening</b>	<b>2007-2008</b>
<b>Harvard Medical School Ophthalmology Interest Group</b>	<b>2007-2008</b>
<b>Homeless Clinic Eye Screening</b>	<b>2007-2008</b>
<b>Neighborhood House Charter School Vision Screening</b>	<b>2007-2008</b>
<b>Chinatown Eye Screening</b>	<b>2006</b>
<b>Breast Cancer Awareness Fundraiser</b>	<b>2004</b>
<b>Saturday Morning Clinic</b>	<b>1998-2003</b>
<b>Tee Ball Coach</b>	<b>2002</b>
<b>Reproductive Health Education Program</b>	<b>2001-2002</b>
<b>Science and Math Achiever Teams</b>	<b>1996-1998</b>
<b>Yale Korean-American Adoptee Program</b>	<b>1995-1998</b>