

STATE BOARD OF OPTOMETRY

2450 DEL PASO ROAD, SUITE 105, SACRAMENTO, CA 95834 P (916) 575-7170 F (916) 575-7292 www.optometry .ca.gov



Continuing Education Course Approval Checklist

Title:
Provider Name:
☑ Completed ApplicationOpen to all Optometrists?☑ Yes☑ NoMaintain Record Agreement?☑ Yes☑ No
☑ Correct Application Fee
☑ Detailed Course Summary
☑ Detailed Course Outline
☑ PowerPoint and/or other Presentation Materials
□Advertising (optional)
☑CV for EACH Course Instructor
☑ License Verification for Each Course Instructor Disciplinary History? □ Yes ☑ No





CONTINUING EDUCATION COURSE APPROVAL APPLICATION

\$50 Mandatory APPLICATION

Pursuant to California Code of Regulations (CCR) § 1536, the Board will approve continuing education (CE) courses after receiving the applicable fee, the requested information below and it has been determined that the course meets criteria specified in CCR § 1536(g).

In addition to the information requested below, please attach a copy of the course schedule and topical outline of the subject matter. Applications must be submitted 45 days prior to the course presentation date.

Please type or print clearly.		
Please type or print clearly. Course Title 11 Tayle of The Islands CEll	Course Presentation Date	
The Wolution of Steva Lenses	04/30/20	m III F
	r Contact Information	
Provider Name Constal Vision Medical	Group	
Gina Val	d-emar (Mic	idle)
Provider Mailing Address		
street 394 S-Main St. # 100 Ovange		0
Provider Email Address ging Valdemar @ a	nastal-vision o com	
Will the proposed course be open to all California licensed optometrists?		YES NO
Do you agree to maintain and furnish to the Board and of course content and attendance as the Board require from the date of course presentation?	or attending licensee such records s, for a period of at least three years	XYES □NO
Please provide the information below and attach the curricular there are more instructors in the course, please provide to	Ictor Information Ilum vitae for each instructor or lecturer in the requested information on a separate si	nvolved in the course.
Instructor Name		от рарот.
<u>Justin</u> Kwa	n t	-
(First)	Last) (A	/liddle)
License Number 13749 TLG	License Type	0
Phone Number (114) 746-9679	Email Address	IStal-VISVON-con
I declare under penalty of perjury under the laws of the	 State of California that all the informat	ion submitted on
this form and on any accompanying attachments submi	tted is true and correct.	
Signature of Course Provider	3-70-17	
	Date	Form CE Od Day Side



March 23, 2017

State Board of Optometry 2450 Del Paso Road, Ste. 105 Sacramento, CA 95834

RE: Late submission of CE course approval-Taste of the Islands 8 Hour CE-April 30, 2017: Five Retinal Diagnoses You Don't Want to Miss; Cataract Surgery in Patients with Corneal Pathology; Buried Treasure: Connecting the Dots to Treating Binocular Misalignment; Patient-reported Outcomes with Lasik: Interpreting the PROWL study; What We Know about Topography Guided Refractive Surgery: Case Studies in Clinical Practice; Do You See What I See?; Crosslinking for Corneal Ectasia: The Evolution of Sclera Lenses; Blink and You'll Miss It: Dry Eye in the Cosmetic Patient; Is the Symfony Toric Lens the Answer for Every Eye Condition; Should My Glaucoma Patient with a Cataract have a MIGS Surgery; Vitreous: Friend or Foe; Is it Cancer? The Optometrist Role in the Diagnosis and Management of Periocular Skin Cancer; Oral Presentations of Systemic Disease: Case Presentations; Glaucoma Management: What Should I do Next?

Dear Practice and Education committee,

I am writing this letter in regards to late submission for the multi-course symposium titled "Taste of the Islands CE" scheduled for presentation on 04/30/2017. We are short of the 45 day submission request, and wanted to include a letter for late submission with our CE approval application.

We continue to work diligently to get all required items to the board needed for CE approval in a timely manner. Due to multiple speakers at the upcoming CE, we had difficulty obtaining all the lectures to meet the submission requirement timeline and would appreciation your consideration of our continuing education approval request.

Please feel free to reach out to us with any other questions. We look forward to continued relations with the State Board of Optometry and the practice and education committee.

Sincerely

Gina Valdemar

Affiliate Relations and Education Director

Coastal Vision Medical Group

ginavaldemar@coastal-vision.com



Taste of the Islands 8 hour CE (8 of 15 lectures)

Course Title: The Evolution of Sclera Lenses

Course Presentation date: 4/30/17

Speaker: Justin Kwan, OD, FAAO

Target Audience: This lecture is intended for optometrist seeking continuing

education

Course Description: Scleral lenses and their numerous applications have revolutionized what practitioners can do for their patients. Particularly in the realm of irregular corneas, patients have benefited from sharper and more stable vision with excellent comfort while minimizing corneal microtrauma. The nuances and customization of scleral lens design and diagnostic fitting have also greatly advanced over the past three to five years.

CE Credit: .50 CE Units

1 Evolution of Scleral Lenses

Justin Kwan, OD, FAAO Assistant Professor Chief, Stein Family Cornea and Contact Lens Center Ketchum Health

2 Financial Disclosures

- ■Johnson & Johnson Vision Care, Inc.
- ■Research grants
- ■Speakers bureau

3 Resource

- ■Eef van de Worp
- ■A guide to scleral lens fitting
- ■Second edition (2015)
- ■3,000+ downloads

4 Muriel Schornack, OD

- ■Survey
- ■1/12/2015 to 3/31/2015
- ■989 practitioners responded
- ■723 reported fitting 5 or more patients with scleral lenses
- ■Initial correction for corneal irregularity

5 A bit of history

- ■Glass: 1920s
- **■**PMMA
- ■Gas permeable
- ■Optimum Extra
- **■**Optimum Extreme
- ■Boston XO
- ■Boston XO2
- ■Tyro-97

6 Two generations

7 Scleral Toricity

- ■Pacific University College of Optometry
- ■Corneal toricity has no correlation to scleral toricity
- **■**n = 20
- ■Asymmetric: 7
- ■ATR: 4 ■Oblique: 5 ■WTR: 4

8 Scleral Toricity

- ■sMap3D
- ■Needs fluorescein

■360 degrees ■10 micron precision 9 Scleral Toricity ■d 10 ■d 11 Valley Contax Custom Stable ■15.8 mm diameter workhorse **■**ELITE ■Toric periphery ■180 microns difference in sagittal height ■Able to do AURORA multifocal ■Think Biofinity MF, D and N lens ■Note pupil size ■Flat meridian delineated by two oval marks 12 Valley Contax Custom Stable ■Josh Adams in collaboration with Andrew McLeod, OD (NECO) ■Diagnostic fitting, mostly used ■41.00, 4.280 mm sag (x2) ■43.00, 4.540 mm sag (x2) ■New ELITE fitting set 13 Posterior Corneal Toricity ■38 year old Indian male ■OBGYN surgeon ■Dyna Cone corneal GP lenses **=**20/30 ■With glasses over corneal GP lenses, 20/20 14 Posterior Corneal Toricity ■d 15 Posterior Corneal Toricity 16 Soft Toric Rotational Stability 17 Scleral Rotation Stability 18 Javal's rule ■d 19 ■Retrospective, age and gender matched case control study 20

■22 mm range

■d 21 Zenlens ■Oblate and prolate designs ■Fully customizable ■Microvault ■Control sagittal height 22 Zenlens ■d 23 Ampleye (Art Optical) ■16.5 mm OAD ■9 lens diagnostic fitting set ■Front toric option ■Quadrant specific option ■3,800 to 5,600 micron sag ht ■0.300 mm ct, think oxygen Dk/t ■Each step = 25 microns ■Toric periphery: 150 micron difference 24 Onefit 2.0 ■Trustworthy multifocal optics (Jason Jedlicka, OD) ■14.9 mm OAD ■In the ballpark of soft torics ■Can get by with spherical peripheral curves 25 26 Severe kones ■Reverse geometry may have too much mid peripheral and limbal clearance ■Prolate designs may work better 27 28 All about elevation ■d 29 43 year old Hispanic male ■Diagnosed with keratoconus in 2005 at the age of 32

■BCVA in manifest refraction 20/30 ■Corneal GPs: OD 20/20-, OS 20/25-

■CLP: OD -7.25, OS -9.00

■Occupation: social work

30 ■ 43 year old Hispanic male

■OAD: 9.0 ■OZD: 7.0

■d

3

31 43 year old Hispanic male

- ■Valley Contax Custom Stable, ELITE
- ■Optimum Extra
- **■**CLP
- ■OD: -2.00
- ■OS: -3.00
- ■Relative to corneal GPs
- ■Improved comfort
- ■Larger optic zone

32 Keratoconus

- ■Tim Edrington, OD
- ■You'll never go blind
- ■Have as many kids as you'd like
- ■Lay off the eye rubbing
- ■LASIK is not for you

33 Sterile Saline

- ■Addipak
- ■5 mL for newbies
- ■3 mL after 1st purchase
- ■Lacripure (Menicon)
- ■Practice branding
- ■10% of sales
- ■FDA approved
- ■Inexpensive for patient
- **■**< \$88 per year

34 Lacripure

■d

35 Disinfection & Deposits

- ■ClearCare Plus, Peroxiclear for average sagittal depth
- ■Unique pH, Boston Simplus, Optimum CDS
- ■Progent every 1-2 months

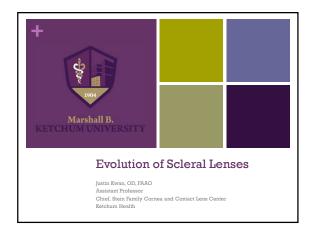
36 Wettability

- ■Significant challenge
- ■Most labs will ship sclerals wet
- ■Biotrue, Optifree Puremoist, Revitalens
- ■Cotton tipped applicator scrubbing while lens on eye
- ■Hydra-PEG

37 Manage the Lids

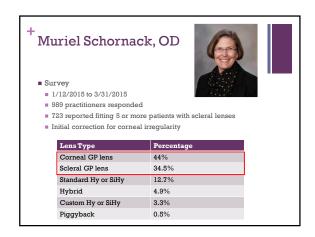
38 The hunt for VSP med nec

- ■Any meridian $\geq \pm 10.00$ D
- ■Anisometropia 3.00 D
- ■Peripheral corneal opacity
- ■ICD-10: H17.823
- ■Post-RK
- ■Recurrent corneal erosion
- ■ICD-10: H18.83
- 39 Resources
 - **■**gpli.info
 - ■Monthly webinars
- 40 Resources
 - ■Facebook group: Scleral Lens Fitters
- 41
- ■d
- 42 Scleral Lens Assessment in Practitioners and Patients (SLAPP)
- 43 Conclusions
 - ■Candidates
 - ■High corneal astigmats, > 3.25 DC
 - ■Presbyopic corneal astigmats
 - ■Dry eyes, all ages
 - ■Irregular corneas
 - ■But mild kones deserve a corneal GP for long term oxygen
 - ■Embrace the newer designs
 - ■Pick two sets and master them



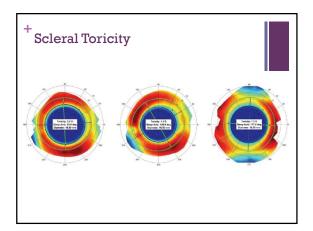




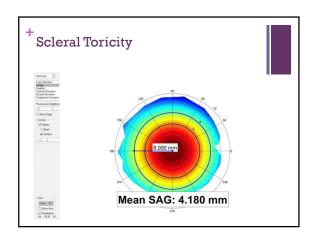


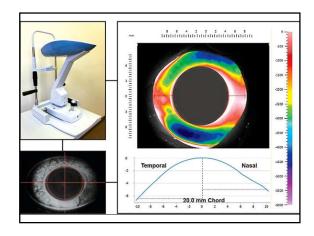


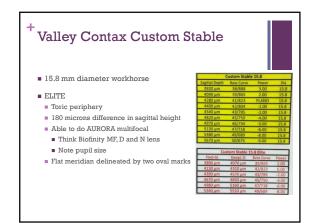


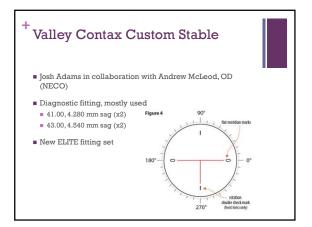


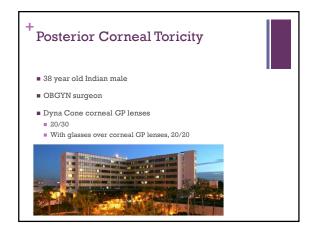


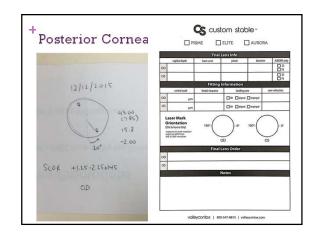


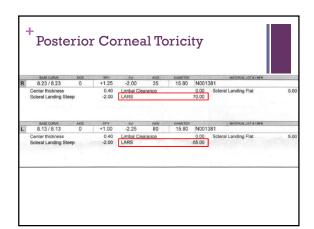


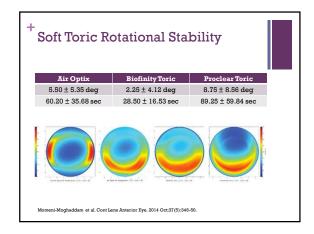


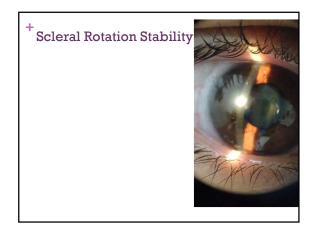


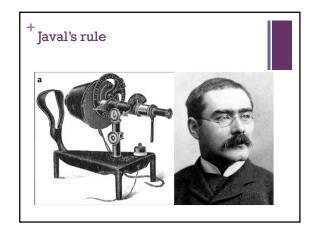


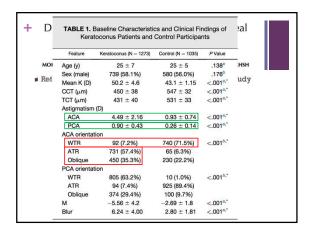


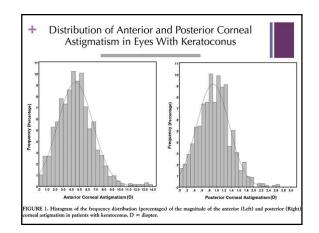




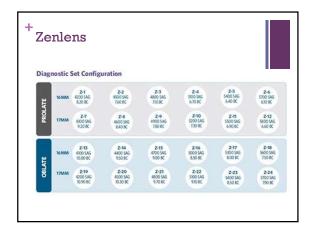






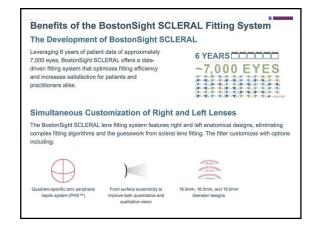


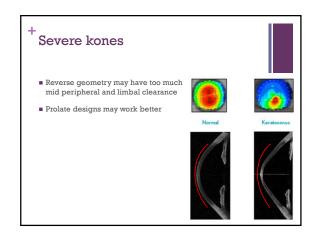


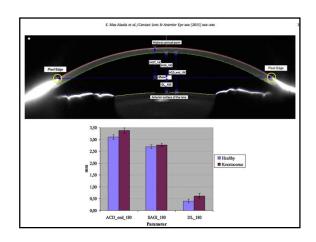


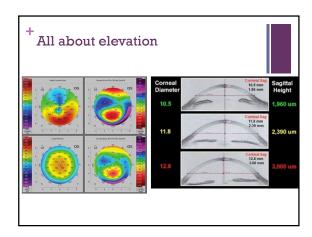


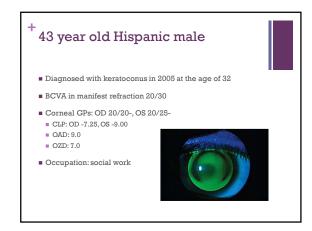


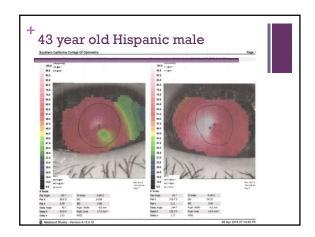


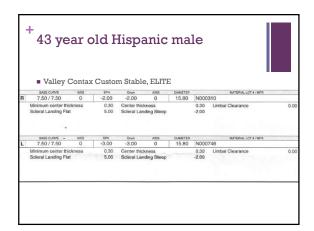


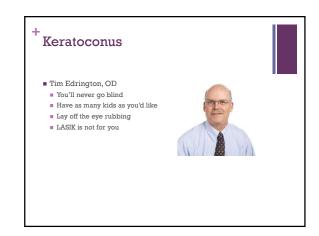








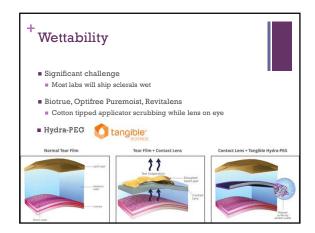


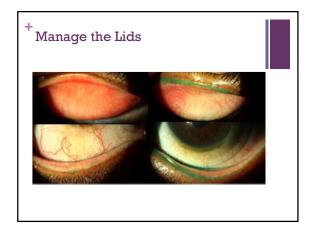


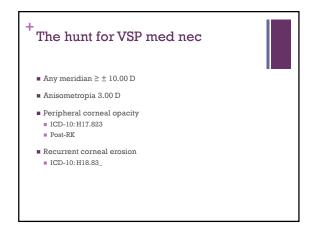




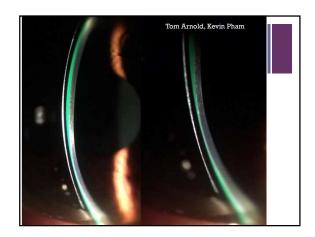


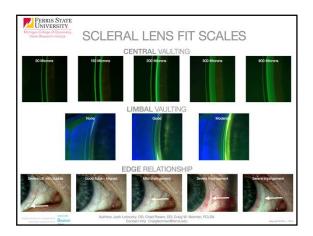














+ Conclusions

- High corneal astigmats, > 3.25 DC
 Presbyopic corneal astigmats
 Dry eyes, all ages
 Irregular corneas
 But mild kones deserve a corneal GP for long term oxygen
- Embrace the newer designs
- Pick two sets and master them

Justin T. Kwan, OD, FAAO

5460 E. La Palma Ave | Anaheim, CA 92807 ~ (510) 541-6422 ~ jkwan@ketchum.edu Southern California College of Optometry, Marshall B. Ketchum University

EDUCATION

2005-2009 University of California, Berkeley School of Optometry (UCBSO)
Doctor of Optometry, May 2009

2001-2005 University of California, Berkeley

Bachelor of Arts, Molecular and Cell Biology, May 2005

PROFESSIONAL LICENSURE

2009-present Optometric Licensure, California, #13749TLG

2009-present Drug Enforcement Administration Licensure, #MK1990779

WORK EXPERIENCE

2011-present Assistant Professor, Cornea and Contact Lens

SCCO @ MBKU; Fullerton, CA

- Chief, Stein Cornea and Contact Lens Service, University Eye Center, Ketchum Health
- Instructor of Record: Evidence Based Practice, 2013-present (interprofessional)
- Clinical Instructor: third and fourth year students in contact lens patient care
- Laboratory Instructor: contact lens I, II; case analysis I; problem based learning
- Course Instructor: contact lens II, III, IV; case analysis I, contact lens grand rounds
- Dry Eye Institute: direct patient care and with students
- Clinical seminars: drug update, pricing, insurance
- Instructor in Masters of Vision Science program and adviser to masters candidates
- Liaison to NVISION Fullerton for refractive surgery co-management

2011-2012 Optometrist, Argo Optometry, Nancy Wang, OD

Upland, CA

Primary care and keratoconus

2010-2011 Optometrist, Emily Wenzler-Chapman, OD

Corona, CA

Primary care, soft and gas permeable lens fittings

2010-2012 Research Fellow

SCCO @ MBKU; Fullerton, CA

- Dry eye research and patient care under direct mentorship of Jerry Paugh, OD, PhD
- Specialty contact lens patient care under direct mentorship of Timothy Edrington, OD, MS
- Instruct third and fourth year interns in primary care and contact lens clinic

CLINICAL AND RESEARCH INTERESTS

- Tear film, dry eye, Meibomian gland dysfunction, Demodex, allergic conjunctivitis
- Corneal dystrophies and degenerations
- Refractive Surgery
- Myopia Control
- Orthokeratology
- Scleral Lens Fitting and Applications
- Keratoconus and irregular corneas

SPECIAL MEETINGS & TRAININGS

02.08.2013 Contact Lens Educators Seminar

Jacksonville, FL

PEER-REVIEWED PUBLICATIONS

- 1. Paugh JR, **Kwan J**, Christensen M, Nguyen AL, Senchyna M, Meadows D. Development of a Meibomian Gland Dysfunction-Specific Symptom Questionnaire. Eye Contact Lens. 2016 Jul 27. [Epub ahead of print]
- 2. **Kwan JT**, Dalton K, Weissman BA. Contact Lens Applications and the Corneal Dystrophies: A Review. Eye Contact Lens. 2015 Aug 25. PMID: 26309025
- 3. Pucker AD, Jones-Jordan LA, Li W, **Kwan JT**, Lin MC, Sickenberger W, Marx S, Srinavasan S, Jones LW. Associations with Meibomian Gland Atrophy in Daily Contact Lens Wearers. Optom Vis Sci. 2015 Jul 3. PMID 26154690.
- 4. Azartash K, **Kwan J**, Paugh JR, Nguyen AL, Jester JV, Gratton E. Pre-corneal tear film thickness in humans measured with a novel technique. Mol Vis 2011; 17:756-767.

ABSTRACTS

- 1. **Kwan J**, et al. How has comfortable wear time of soft contact lenses changed? AAO, November 2016, Anaheim, CA. Abstract #165269.
- 2. Jones-Jordan L, et al. **Kwan J**. Psychometric Analysis of the SPEED Questionnaire. AAO, November 2016, Anaheim, CA. Abstract #160019.
- 3. Pucker A, Jones-Jordan L, **Kwan J**, et al. Race, Ethnicity, and Lifestyle Choice Associations with Meibomian Gland Atrophy. AAO, November 2016, Anaheim, CA. Abstract #160024.
- 4. Schachter S, Schachter A, **Kwan J**, Hom M. Gender Differences of Meibomian Gland Atrophy in a Younger Population. AAO, November 2016, Anaheim, CA. Abstract #160023.
- 5. DeLoss K, et al., **Kwan J**. Can Social Media Help Clinicians Understand the Efficacy of Dry Eye Treatments in Graft Versus Host Disease? AAO, November 2016, Anaheim, CA. Abstract #165230.
- 6. Schachter A, Schachter S, **Kwan J**. Impact of Digital Device Use on Dry Eye Symptoms. AA, November 2016, Anaheim, CA. Abstract #165090.
- 7. Mastrota K, et al., **Kwan J**. Dry Eye Symptoms with Digital Device Use in Patients Over and Under 45 Years of Age. AAO, November 2016, Anaheim, CA. Abstract #165086.
- 8. Halleran C, **Kwan J**, et al. The Importance of Evaluating Both Upper and Lower Eyelids with Meibography. AAO, November 2016, Anaheim, CA. Abstract #165223.
- 9. Halleran C, **Kwan J**, Hom M. Agreement in Reading Center Grading of Meibomian Gland Lid Tortuosity and Atrophy. AAO, November 2016, Anaheim, CA. Abstract #165079.
- 10. **Kwan J**, et al. 21st Century Digital Device Use and OSDI. TFOS, September 2016, Montpellier, France. Abstract #40.
- 11. Kunnen C, Jones-Jordan L, **Kwan J**, et al. The Association Between Meibomian Gland Width, Clinical Tests, and Patient-Reported Outcomes in Contact Lens and Non-Contact Lens Wearers. TFOS, September 2016, Montpellier, France. Abstract #67.
- 12. **Kwan J**, et al. Impact of Electronic Device Use on Contact Lens Wearers. ARVO, May 2016, Seattle, WA. Abstract #1483-A0163.
- 13. Pucker A, Jones-Jordan L, **Kwan J**, et al. A Comparison of SPEED Scores in Contact Lens and Non-Contact Lens Wearers. ARVO, May 2016, Seattle, WA. Abstract #2855-A0064.
- 14. Harthan J, O'Dell L, **Kwan J**, et al. Dry Eye Symptoms and Visual Function with Digital Device Use. ARVO, May 2016, Seattle, WA. Abstract #2843-A0052.
- 15. Halleran C, **Kwan J**, et al. Agreement in Reading Center Grading of Isoretinoin(Accutane)-induced Meibography Changes. ARVO, May 2016, Seattle, WA. Abstract #6219-A0147.
- 16. **Kwan J**, et al. Prevalence of Stand-Alone Ocular Surface Disease and Their Mixed Counterparts. AAO, October 2015, New Orleans, LA. Abstract #155239
- 17. **Kwan J**, O'Dell L, Hom M. Relationship Between Dry Eye and Dry Mouth Symptoms. AAO, October 2015, New Orleans, LA. Abstract #155056
- 18. Harthan J, **Kwan J**, et al. Meibomian Gland Dysfunction in Pre- and Post-Menopausal Women. AAO, October 2015, New Orleans, LA. Abstract #155055
- 19. Chang A, Huang K, **Kwan J**. Ortho-Quitters: What Happens When You Stop Wearing Your Lenses? AAO, October 2015, New Orleans, LA. Abstract #155117

- 20. Optiz D et al, **Kwan J**. Efficacy of Loteprednol Etabonate Ophthalmic Gel 0.5% for the Treatment of Evaporative dry Eye and Meibomian Gland Dysfunction. AAO, October 2015, New Orleans, LA. Abstract #155234
- 21. Jones-Jordan L et al, **Kwan J**. A Comparison of Meibomian Gland Expressibility Methods in Contact Lens and Non-contact Lens Wearers. British Contact Lens Association, Liverpool, United Kingdom. Abstract #41
- 22. Srinivasan et al, **Kwan J**. Meibomian Gland Atrophy Rate in Pre-presbyopic Contact Lens and Non-Contact Lens Wearers. AAO, November 2014, Denver, CO. Abstract #140081.
- 23. Pucker et al, **Kwan J**. Factors Associated with Meibomian Gland Atrophy in Daily Contact Lens Wearers. AAO, November 2014, Denver, CO. Abstract #140082.
- 24. Chang A, **Kwan J**. Relationship Between Visual Acuity and Corneal Toricity in Patients Successfully Fit with Orthokeratology Lenses. AAO, November 2014, Denver, CO. Abstract #145036.
- 25. Paugh J et al, **Kwan J**. Test Efficacy of the Fluorescein Tear Break-up Time (TBUT) in Dry Eye Diagnosis. AAO, November 2014, Denver, CO. Abstract #145059.
- 26. Paugh et al, **Kwan J**. Correlation of Signs and Symptoms in Dry Eye: A Re-examination. AAO, November 2014, Denver, CO. Abstract #145223.
- 27. **Kwan J**, Optiz D, Hom M, Paugh J. Gender Differences in a Meibomian Gland Dysfunction-Specific Symptom Questionnaire. ARVO, May 2014, Orlando, FL. Abstract #22-A0010
- 28. Optiz D, **Kwan J**, Harthan J, Baas E, Hom M. Prevalence of Allergic Conjunctivitis, Ocular Surface Disease Subtypes, and Mixed Disease. ARVO, May 2014, Orlando, FL. Abstract #2751-A0133.
- 29. Hom M, Opitz D, **Kwan J**, Bielory L. Severity and Frequency of Allergic Conjunctivitis Symptoms. AAAAI, March 2014, San Diego, CA. Abstract #959.
- 30. Tong J, **Kwan J**, et al. Comparison of Bepotastine Besilate 1.5% vs. Loteprednol Etabonate 0.2% in Subjects with Moderate to Severe Allergic Conjunctivitis. AAO, October 2013, Seattle, WA. Abstract #135106.
- 31. **Kwan J**, Hom M. Analysis of a Potential Meibomian Gland Dysfunction Specific Symptom Questionnaire in an Independent Sample. ARVO, May 2013. Abstract #6013-A0076.
- 32. Hom M, **Kwan J**. Prevalence of Dry Eye Sub-types and Severity of Evaporative Dry Eye Using Objective Tests. ARVO, May 2013, Seattle, WA. Abstract #4339-C0077.
- 33. **Kwan J**, Paugh J, et al. Preliminary Analysis of a Meibomian Gland Dysfunction Questionnaire. ARVO, May 2012, Fort Lauderdale, FL. Abstract #609-A77.
- 34. **Kwan J**, Paugh J, et al. Diagnostic Test Efficacy in Meibomian Gland Dysfunction. AAO, October 2011, Boston, MA. Abstract #115271.
- 35. Paugh J, **Kwan J**, et al. Comparison of Upper and Lower Eyelid Meibomian Glands: Are They Different? AAO, October 2011, Boston, MA. Abstract #115721.
- 36. Azartash K, **Kwan J**, et al. Preliminary Tear Film Thickness Data in Humans Measured with a Novel Technique. ARVO, May 2010, Fort Lauderdale, FL.
- 37. Truong T, Graham A, **Kwan J**, et al. Do Soft Lens Fitting Characteristics Predict Post-Lens Tear Mixing? ARVO, May 2010, Fort Lauderdale, FL.

RESEARCH

2017	CLAY-SCORE	Multicenter	
2015	Ethnic, Regional, and Lifestyle Associations with Meibomian Gland Atrophy	AAO	
2014-2016	Controlling Myopia Progression through Optical Interventions (JJVCI)	Multicenter	
2014-2015	Multiphase Qualitative On-Eye Non-Dispensing Printed Limbal Soft Contact Lens Clinical Trial		
2015	Evaluation of 1 Day Acuvue Moist Multifocal CL in High Myope Asian Population Multicenter		
2014	Impact of nutrition on macular health (FDR)	AAO	
2014	Evaluation of New Limbal Ring Prototypes	Multicenter	
2014	A Non-Dispensing Fit Evaluation of etafilcon A Investigational Limbal Ring Contact Lenses with		
	polyvinylpyrrolidone (PVP) in an Asian Population	Multicenter	
2013-2014	Impact of Meibomian Gland Atrophy on Contact Lens Comfort: A Pilot Study	Multicenter	
2013	Influence of Optic Disc Size and Neuro-retinal Rim Configuration on Accurate Identification of		
	Glaucomatous Optic Neuropathy (FDR)	AAO	
2013	Contact Lens Comfort Relative to MGD Status (JJVCI)	SCCO	
2013	Tear Osmolarity Prevalence in Clinic Patients Study (TearLab – TP00108)	Multicenter	
2012	Dry Eye Symptoms and Tear Osmolarity (FDR)	AAO	

2011-2012	A Single-Center, Masked, Randomized Study Comparing Bepreve vs. Alrex in	n Suhiacts with
2011-2012	Moderate to Severe Allergic Conjunctivitis	SCCO
2011	Evaluation of the Efficacy of an Ocular Emulsion on the Signs and Symptoms	
2011	Gland Dysfunction	SCCO
2010	Meibomian Gland Studies: Sensitivity and Specificity of Diagnostic Criteria	SCCO
2009	Tear Film Thickness Measured Using a Novel Technique	SCCO
2006	Soft Lens Fitting Characteristics and Post-Lens Tear Mixing	Berkeley
2000	bort Bond Freding Gharacteriotics and Foot Bond Four Finning	Bornoloy
AWARDS & H	ONORS	
Oct 2012	Fellowship, American Academy of Optometry	Phoenix, AZ
SERVICE		
Sep 2016	Elementary School Vision Screenings, Lions Club	Monterey Park, CA
Apr 2016	Legislative Day (COA)	Sacramento, CA
	AOA Faculty Liaison, Southern California College of Optometry	
-	Fellows Doing Research Special Interest Group, executive committee	
2015-present	Orange County Optometric Society (OCOS), board member, legislative ch	air, public relations
2009-present	AOA, COA, OCOS, member	
	American Academy of Optometry, member	
2015-present	Tear Film Ocular Surface, member	
2013-present	Asian American Optometric Society, member	
2015-present	The Ocular Surface, journal reviewer	
2015-present	Contact Lens Anterior Eye, journal reviewer	
2014-present	Allergan and NVISION, advisory panel member	
2011-present	Optometry Vision Science, journal reviewer	
2010-present	Troy High School Tech Program, mentor to high school summer intern	Fullerton, CA
2006-present	Association for Research in Vision and Ophthalmology (ARVO), member	er
Oct 2015	Care Harbor, volunteer optometrist	Los Angeles, CA
Feb 2015	House of Delegates, represented OCOS	San Jose, CA
Sep 2014	Care Harbor, volunteer optometrist	Los Angeles, CA
July 2014	La Raza Health Fair, optometrist	Los Angeles, CA
May 2014	Key Person Day	Sacramento, CA
Feb 2014	Casa Bernabe Orphanage, volunteer optometrist	Guatemala
Dec 2013	Kids Vision for Life OC, volunteer optometrist	Fort Irwin, CA
Oct 2013	Rowland Heights Community Christian Church , community health fair	Rowland Heights
Oct 2013	Care Harbor, volunteer optometrist	Los Angeles, CA
Feb 2013	Legislative Day	Sacramento, CA
Dec 2012	Special Olympics, volunteer optometrist	Irvine, CA
Nov 2012	Kids Vision for Life OC, volunteer optometrist	Santa Ana, CA
Sep 2012	Care Harbor, volunteer optometrist	Los Angeles, CA
Aug 2012	Boys and Girls Club Vision Screening, volunteer optometrist	Garden Grove, CA
Aug 2012	Medical Mission Trip, volunteer optometrist	Mexico City
June 2012	Special Olympics, volunteer optometrist	Long Beach, CA
Mar 2012	Illuminations Foundation, volunteer optometrist	Garden Grove, CA
Oct 2011	CareNowUSA, volunteer optometrist	Los Angeles, CA
Aug 2011	Covina Community Outreach, Back 2 School Blast	Covina, CA
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PROFESSIONAL SKILLS

Aug 2010

Apr 2010

Aug 2009

Jan 2008

- Conversational and exam level Cantonese and Spanish
- Electronic Health Records: Officemate, Compulink, and MaximEyes

Remote Area Medical, volunteer optometrist

Remote Area Medical, volunteer optometrist

Covina Community Outreach, Back 2 School Blast

Volunteer Optometric Services to Humanity (VOSH)

Corneal Topographers: Medmont E300 topographer, Nidek OPD III, Oculus Keratograph 5M

Covina, CA

Thailand

Los Angeles, CA

Los Angeles, CA

- Dry eye instrumentation: Oculus K5M, MiBo Thermoflo, TearLab
- Google Drive, Dropbox
- Microsoft Word, Excel, Powerpoint, Publisher
- Scleral Lens Fitting: Custom Stable, Zenlens, EUROPA
- UberConference
- Orthokeratology designs: Paragon CRT, Euclid, iSee, Forge
- OCT: Cirrus
- Photography: fundus and anterior segment, Optos Daytona
- Auto-phoropter: Marco TRS-5100
- Synergeyes fitting
- EndNote, ClinicalKey