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EDUCATION & TRAINING:

07/2018 – present Stein Eye Institute, UCLA, Los Angeles, California
Vitreoretinal Surgery Fellow

07/2015 – 06/2018 Stein Eye Institute, UCLA, Los Angeles, California
Ophthalmology Resident

06/2014 – 06/2015 Harbor-UCLA Medical Center, Torrance, California
Transitional Year Intern

08/2009 – 05/2014 Yale University School of Medicine, New Haven, Connecticut
M.D.

08/2005 – 05/2009 Cornell University, Ithaca, New York
B.Sc. in Biological Sciences

EMPLOYMENT HISTORY:

Starting 08/2020 VMR Institute, Huntington Beach, California
Vitreoretinal Specialist

06/2009 – 08/2009 Genentech, Inc., South San Francisco, California
Intern in Protein Analytical Chemistry Department

08/2006 – 05/2009 Cornell University, Ithaca, New York
**Chemistry 207, Chemistry 208, Chemistry 357, Chemistry 358,
Biology 102 Tutor**

06/2006 – 08/2006 Watson Pharmaceuticals, Inc. (Actavis, Inc.), R&D Department, Corona,
California
Intern Scientist I

AWARDS & HONORS:

2006 – 2007 Hatch/Multistate Grants (2) for Undergraduate Research

2007 Dextra Grant for Undergraduate Research

2009 *Magna cum laude*, Cornell Chapter

2009 Highest Honors in Research, Cornell University

2012 Yale University School of Medicine Medical Student Research Fellowship

2012 James G. Hirsch Endowed Medical Student Research Fellowship

2013 Richard Alan Hirschfield Medical Student Research Memorial Fellowship

2014 Department of Medicine Honors in Research, Yale University

2019 Jules Stein Eye Institute Fellow Excellence in Research Award

PUBLICATIONS:

Gui W, Au A, Rabina G, Kapelushnik N, Cohen S, Masarwa D, Hosseini H, Schwartz S, Loewenstein A, Schwartz SD. Pigment Epithelial Detachment in Age-Related Macular Degeneration: Long Term Visual Acuity Outcomes May Improve with Higher Injection Index. *Ophthalmology*. Submitted. 2020.

Baumal CR*, Sarraf D*, Bryant T, **Gui W**, Muakkassa N, Pichi F, Querques G, Choudhry N, Teke M, Govetto A, Invernizzi A, Elliott D, Gaudric A, Cunha De Souza E, Naysan J, Lemuto A, Lee G, Freund KB. Outer Hemorrhagic Henle Maculopathy (OHHM): Clinical Features and Pathogenesis of a New Syndrome. *Br J Ophthalmol*. doi: 10.1136/bjophthalmol-2019-315443 2020.

*equal authorship

Gui W, Prasad P. Modified Technique for Scleral-Fixated Akreos AO60 IOL (Video). *AAO One Network*. 2020.

Kothari N, Chu, A, Huang JM, Lin F, Lin BR, Manoharan N, **Gui W**, Huang AS, Tsui I. Arm-mounted Optical Coherence Tomography Angiography in Extremely Low Birth Weight Neonates with Retinopathy of Prematurity. *Am J Ophthalmol Case Rep*. doi: 10.1016/j.ajoc.2020.100624. 2020.

Wang YE, Tepelus TC, Vickers LA, Baghdasaryan E, **Gui W**, Huang P, Irvine JA, Sadda S, Hsu HY, Lee OY. Role of in vivo confocal microscopy in the diagnosis of infectious keratitis. *Int Ophthalmol*. doi: 10.1007/s10792-019-01134-4. [Epub ahead of print]. 2019.

Wang YE, Tepelus TC, **Gui W**, Irvine JA, Lee OL, Hsu, HY. Reduction of Acanthamoeba Cyst Density Associated With Treatment Detected by In Vivo Confocal Microscopy in Acanthamoeba Keratitis. *Cornea*. 38(4):463-468. 2019.

Hariri A*, **Gui W***, O'Keefe GA, Sadda SR, Gorin MB. Ultra-Widefield Fundus Autofluorescence Imaging of Patients with Retinitis Pigmentosa: A Genotype-Phenotype Correlation. *Ophthalmology Retina*. 2(7):735-745. 2018.

*equal authorship

Gui W, Nusinowitz S, Sarraf D. A Novel Cone Dystrophy with Central Ellipsoid Zone Loss Associated with Human Retinal Fascin Gene (FSCN2) Mutation. *Retin Cases Brief Rep*. Fall;12 Suppl 1:S63-S66. 2018.

Gui W, Friesen ET, Bonelli L, Wang YE, Arnold AA. Severe bilateral optic nerve and retinal hypoperfusion in a patient with acute respiratory distress syndrome and septic shock. *Am J Ophthalmol Case Rep*. 6:84-87. 2017.

Gui W, Wisnewski AV, Neamtii I, Gurzau E, Sparer JA, Stowe MH, Liu J, Slade MD, Rusu OA, Redlich CA. Inception Cohort Study of Workers Exposed to Toluene Diisocyanate at a Polyurethane Foam Factory: Initial One-Year Follow-up. *Am J Ind Med*. 57(11):1207-15. 2014.

Gui W, Dombrow M, Marcus I, Stowe MH, Tessier-Sherman B, Yang E, Huang JJ. Quality of Life in Patients with Non-Infectious Uveitis Treated With or Without Systemic Anti-Inflammatory Therapy. *Ocul Immunol Inflamm*. 27:1-9. 2014.

Gui W, Angoff NR. Double Vision. *Acad Med*. 89(2):291. 2014.

Gui W, Lemley BA, Keresztes I, Condo AM, Steadman KJ, Obendorf RL. Purification and molecular structure of digalactosyl *myo*-inositol (DGMI), trigalactosyl *myo*-inositol (TGMI), and fagopyritol B3 from common buckwheat seeds by NMR. *Carbohydr Res.* 380:130-136. 2013.

Le T, Bhushan V, Hoffmann J, Bucholz E*, Buerba R*, Butala N*, Fieber J*, Gayed P*, **Gui W***, Kulkarni V*, Kuo E*, Liu L*, Moreno A*, Pavisic J*, Steinberg J*, Strohbahn G*, Theodosakis N*. *First Aid for the USMLE Step 1 2012*. McGraw-Hill Medical. 2011.
*equal authorship

PRESENTATIONS:

Gui W, Sarraf D. Mystery Case (Oral). MaculArt Meeting. Paris, France. June 2019.

Gui W, Sarraf D. Deep Trouble (Oral). Pacific Retina Club Meeting. Los Angeles, CA. March 2019.

Gui W, Wang YE, McCannel TA. Iris Biopsy Under Air: A Novel Technique for Biopsy of Suspicious Iris Lesions (Poster). Association for Vision and Ophthalmology Research Conference. Honolulu, HI. May 2018.

Gui W, Sadun AA, Quiros PA. When a WINO Goes Blind (Oral). Doheny Society of Scholars and UCLA Ophthalmology Clinical Conference. Los Angeles, CA. January 2018.

Gui W, Hariri A, O'Keefe GA, Sadda SR, Gorin MB. Ultra-Widefield Fundus Autofluorescence Imaging of Patients with Retinitis Pigmentosa: A Genotype-Phenotype Correlation (Poster). Accepted for Presentation at American Academy of Ophthalmology Meeting. New Orleans, LA. November 2017.

Gui W, Sarraf D. Vital Losses (Oral). Pacific Retina Club Meeting. Los Angeles, CA. March 2017.

Gui W, Quiros PA. A Field of Pitfalls (Oral). Doheny Society of Scholars and UCLA Ophthalmology Clinical Conference. Los Angeles, CA. January 2017.

Gui W, Zemon V, Gordon J, Hu G, Huang JJ. Assessment of Neural Mechanisms in Central Visual Function: A Visual Evoked Potential Study in Observers with and without Age-Related Macular Degeneration (Poster). Vision Sciences Society Meeting. Naples, FL. May 2013.

Gui W, Dombrow M, Marcus I, Tessier-Sherman B, Stowe M, Huang JJ. Effect of Treatment Modality on Quality of Life in Patients with Non-Infectious Uveitis (Poster). The Association for Vision and Ophthalmology Research Conference. Seattle, WA. May 2013 and New England Ophthalmological Society Meeting. Boston, MA. May 2013.

Gui W, Neamtiu I, Wisnewski A, Liu J, Gurzau E, Redlich CA. Inception Cohort Study of Workers Exposed to Toluene Diisocyanate at a Polyurethane Foam Factory: One Year Follow-up (Oral). Isocyanates & Health Conference. Potomac, MD. April 2013.

Gui W, Neamtiu I, Wisnewski A, Liu J, Gurzau E, Redlich CA. Longitudinal Inception Cohort Study of Toluene Diisocyanate Exposed Workers at a Polyurethane Foam Factory: Initial Year One Follow-up (Poster). American Occupational Health Conference. Los Angeles, CA. April 2012.

ACTIVITIES & SERVICE:

- 02/2013 – 03/2013 Xiangya 2nd Hospital, Changsha, China
Advanced Ophthalmology Elective Team Member
- 08/2012 – 02/2013 Yale Eye Center, New Haven, Connecticut
Ophthalmology Sub-Intern
- 01/2012 – 04/2014 New Haven, Connecticut
Cornell Alumni Interviewer for Prospective Students
- 09/2010 – 01/2011 Yale University School of Medicine, New Haven, Connecticut
Anatomy Co-Leader for Students Helping Students
- 10/2009 – 05/2010 Yale University School of Medicine, New Haven, Connecticut
Class Library Committee Representative
- 09/2009 – 02/2010 HAVEN Free Clinic, Fair Haven, Connecticut
Junior Clinical Team Member

BOARD CERTIFICATIONS:

- American Board of Ophthalmology

PROFESSIONAL SOCIETIES:

- American Academy of Ophthalmology
- American Society of Retina Specialists

FOREIGN LANGUAGE SKILLS:

- Mandarin Chinese (Fluent)