
ALEXIS L. CULLEN, CDOS, CRA, OCT-C

PROFILE

Exploring opportunities in Vanuatu or other South Pacific Island Nations upon completion of Peace Corps Volunteer Assignment in May 2017.

EXPERIENCE

VOLUNTEER ADVISOR FOR TELEMEDICINE PILOT PROJECT; OFFICE OF THE GOVERNMENT CHIEF INFORMATION OFFICER, & MINISTRY OF HEALTH

PORT VILA, VANUATU – 1/2016 - PRESENT

Designed, implemented, monitored, and evaluated a pilot project for interactive telemedicine in the form of high speed internet and video conferencing between two remote, rural health facilities on Maewo Island and their supervising hospital on a distal island (Northern District Hospital, Santo).

U.S. PEACE CORPS COMMUNITY HEALTH VOLUNTEER

NAVISO VILLAGE, MAEWO ISLAND, VANUATU – 1/2014 - 1/2016

Worked in collaboration with Vanuatu's Ministry of Health, the provincial health office, village health committees, and community-based health professionals (Nurses, Nurse Aids, Village Health Workers) to assist them in strengthening their capacity to reduce the incidence of preventable disease and illness in rural Vanuatu.

DIRECTOR OF ULTRASOUND, KELLOGG EYE CENTER

ANN ARBOR, MI – 8/2012-11/2013

Led a small team of ophthalmic ultrasonographers to provide quality, reliable, and accurate diagnostics while managing the transition from a paper based system to complete digitization of ultrasound equipment and moving to electronic medical records.

ADJUNCT FACULTY (HEALTH CAREERS), HENRY FORD COMMUNITY COLLEGE

DEARBORN, MI – 1/2011 - 5/2011

Lecturer for the ophthalmic imaging section of the Ophthalmic Technician evening program at Henry Ford Community College. Worked simultaneously at Kellogg Eye Center while teaching.

OPHTHALMIC IMAGING SPECIALIST, KELLOGG EYE CENTER

ANN ARBOR, MI – 4/2010-10/2012

Produced award winning and publication ready medical photography of the eye, as well as facilitated new research protocols while certifying for existing research protocols. Evaluated and researched imaging devices for telemedicine purposes.

OPHTHALMIC PHOTOGRAPHER, HENRY FORD HOSPITAL

DETROIT, MI – 9/2006-4/2010

Proficient in Fundus Photography, Fluorescein Angiography, Indocyanine Green Angiography, Slit Lamp Biomicrography, and Topography utilizing digital systems while competently and quickly working within a fast paced environment consisting of 23 doctors. Independently performed venipuncture and IV push of Fluorescein and Indocyanine Green.

Port Vila, Vanuatu AlexisLauraCullen@gmail.com

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EDUCATION

UNIVERSITY OF MICHIGAN, ANN ARBOR – MASTERS CERTIFICATE IN THE FOUNDATIONS OF PUBLIC HEALTH, 2011 - 2012

OAKLAND UNIVERSITY, ROCHESTER, MICHIGAN – BACHELORS OF ANTHROPOLOGY, 2003 - 2010

CERTIFICATION

Optical Coherence Tomographer - Certified (OCT-C)	Since 2007
Certified Retinal Angiographer (CRA)	Since 2008
Certified Diagnostic Ophthalmic Sonographer (CDOS)	Since 2011

AWARDS

2011 Don Wong Award Recipient - Best Scientific Paper, Ophthalmic Photographers' Society Annual Meeting - Orlando, Florida

2011 Best Journal Article of the Year: Journal of Ophthalmic Photography. *Correlation of Ocular Ultrasound and Spectralis Enhanced Depth Imaging (EDI) of Ocular Lesions.*

2011 Second Place, Clinical Setting Photography. *Prosthetic Eye.* Ophthalmic Photographers' Society Photography Contest.

2011 Honorable Mention, Optical Coherence Tomography. *Macular Exudate.* Ophthalmic Photographers' Society Photography Contest.

PROFESSIONAL ORGANIZATIONS

Ophthalmic Photographers' Society (OPS)	2006 to Present
Member at Large, OPS Board of Certification	2010 to 2013
Chair, OPS Professional Development Committee	2011 to 2012
Advisor for CRA Exam Candidates (OPS)	2008 to 2010

ARTICLES IN PEER REVIEWED JOURNALS

Demirci H, Cullen A, Sundstrom JM. Enhanced Depth Imaging Optical Coherence Tomography of Choroidal Metastasis. *Retina.* 2014; 34 (7): 1354-1359.

Zhang L, Hood CT, Vrabec JP, Cullen AL, Parrish EA, Moroi SE. Mechanisms for in-the-bag uveitis-glaucoma-hyphema syndrome. *Journal of Cataract & Refractive Surgery.* 2014; 40 (3): 490 -492.

Cullen AL, Hood C, Cooney TM, Rumery TC. Foreign Body Encased in Scar Tissue. *Eye Net, Blink.* April 2012.

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The following are under maiden name: Smith

*Smith A. "Correlation of Ocular Ultrasound and Enhanced Depth Imaging (EDI) of Ocular Lesions." *Journal of Ophthalmic Photography*. Fall 2011. Print.

CONFERENCE PRESENTATIONS

Zhang L., Moroi SE., & Smith A. (April 20-24, 2012). "Uveitis Glaucoma Hyphen Syndrome with Single-Piece Posterior Chamber IOLs." Poster presentation at the American Society of Cataract and Refractive Surgery in Chicago, IL.

ACADEMIC LECTURES/PRESENTATIONS

July 26, 2012, New Orleans, LA: Technicians in Retina: Wet Age-Related Macular Degeneration, Retinal Vein Occlusion, and the Role of Diagnostics

July 05, 2012, Ann Arbor, MI: New Resident Orientation to Ophthalmic Imaging Systems (OIS)

December 22, 2012, Ann Arbor, MI (Grand Rounds): Standardized Method for Measuring Choroidal Lesions and Documenting Growth with EDI-OCT

April 07, 2011, Ann Arbor, MI: Clinical Considerations for Spectral-Domain OCT

February 04, 2011, Ann Arbor, MI: Optical Coherence Tomography: Past, Present, and Future

October 25, 2011, Orlando, FL: Stereo Imaging Techniques

October 23, 2011, Orlando, FL: Panel Moderator, Volunteer/Aid Work in Ophthalmology at OPS Annual Meeting

October 17, 2010, Chicago, IL: Rare Case Symposium, Rubella Retinopathy

April 03, 2009, Detroit Michigan: Photographic Techniques for Asteroid Hyalosis

June 08, 2007, Detroit Michigan: Implementation of Ophthalmic Imaging Systems (OIS)

WORKSHOP INSTRUCTOR

May 15, 2011, Seattle, WA: Introduction to Fundus Photography and Fluorescein Angiography

October 17, 2010, Chicago, IL: Introduction to Spectral Domain OCT

October 26, 2009, San Francisco, CA: Introduction to Fundus Photography

October 25, 2009, San Francisco, CA: Introduction to Spectral Domain OCT

January 03, 2008, Detroit, MI: Introduction to Corneal Topography