

VALERIE SNYDER

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EXPERIENCE

MARCH 2018 – PRESENT

TEACHING ASSISTANT THE PHLEBOTOMY TRAINING CENTER PITTSBURGH PA

Highly comprehensive training program covering both major phlebotomy procedures (venipuncture and capillary puncture).

JUNE 2017 – PRESENT

RESEARCH COORDINATOR / IMAGING SPECIALIST, UNIVERSITY OF PITTSBURGH

Implements protocols for data collection on laboratory, experimental, and clinical testing equipment. Identifies, selects, enrolls, and coordinates participants for research studies. Directly supports efforts of PI, staff, and trainees. Performs Phlebotomy tasks. Plans and schedules lab and collaborator experiments and meetings. Works with vendors and subcontractors to order laboratory equipment and supplies. Designs promotional pieces & figures for publications, posters, and conferences.

SEPTEMBER 2011 – JUNE 2017

CLINICAL MANAGER / TECHNICIAN, EVERETT & HURITE OPHTHALMIC ASSOCIATION
PITTSBURGH PA

Directly supervised 40+ clinical staff members across nine PA/OH/WV offices. Maintained clinical skills as well; patient work up's, IVF, Fundus, AF, OCT, HVF, Topography, & clinician scribing. Retinal intravitreal prep. Certified Scribe American College of Medical Scribes #00018E58

SEPTEMBER 2009 – AUGUST 2011

OPHTHALMIC PHOTOGRAPHER / TECH NORTHWEST EYE SURGEONS SEATTLE WA

IVF, Fundus, AF, OCT, HVF, Topography, and clinical scribing. Retinal intravitreal prep and patient work ups for multi-specialty practice. WA state health care assistance license # *HC60062412*

AUGUST 2006 – SEPTEMBER 2009

MEDICAL PHOTOGRAPHER, MAYO CLINIC SCOTTSDALE AZ

Pre-operative, operative, and post operative photographic documentation specifically within ENT, Plastics, Cardiology, Transplant, Dermatology (mole mapping), and Orthopedic departments. Sterile field and Laminar flow operating procedures for imaging.

EDUCATION

NOVEMBER 2017

PHLEBOTOMY, THE PHLEBOTOMY TRAINING CENTER

Venipuncture and Capillary Puncture PA State license *HDY-09-19-17-09-B*

MAY 2006

BACHELOR OF SCIENCE, ROCHESTER INSTITUTE OF TECHNOLOGY

Biomedical Photographic Communications. Double Minor; Criminal Justice & Business Administration.

SKILLS

- Ophthalmic imaging / commercial and research devices including color fundus, SLO, OCT, flood-illumination adaptive optics, and microperimetry
- Adobe Suite / Microsoft Office
- Mac & PC Platforms
- Traditional black and white photography
- CPR certified
- Alcon Lab Foundations in Research Dallas TX
- Phlebotomy Procedures
- IV infusions of contrast dye for ophthalmic imaging (ICG & Fluorescein)
- I2Eye Conference rtx1 Imaging Eyes system, on-site training Paris, France

PUBLICATIONS

- Vienola KV, Zhang M, Snyder VC, Sahel J-A, Dansingani KK, Rossi EA. Microstructure of the retinal pigment epithelium near-infrared autofluorescence in healthy young eyes and in patients with AMD. *Sci Rep.* 2020;10(1):9561. doi:10.1038/s41598-020-66581-x
- Suthaharan S, Rossi EA, Snyder VC, et al. Laplacian feature detection and feature alignment for multimodal ophthalmic image registration using phase correlation and Hessian affine feature space. *Signal Process.* Published online 2020:107733. doi:https://doi.org/10.1016/j.sigpro.2020.107733
- Zhang M, Gofas-Salas E, Leonard BT, Rui Y, Snyder VC, Reecher HM, Mecê P, & Rossi EA. Strip-based digital image registration for distortion minimization and robust eye motion measurement from scanned ophthalmic imaging systems. *BOE.* 2021;12(4):2353–2372. doi:10.1364/BOE.418070
- Vienola KV, Zhang M, Snyder VC, Dansingani KK, Sahel J-A, Rossi EA. Near infrared autofluorescence imaging of retinal pigmented epithelial cells using 663nm excitation. *Eye* (2021). doi:10.1038/s41433-021-01754-0.
- Leonard BT, Kontos AP, Marchetti GF, Zhang M, Eagle SR, Reecher HM, Bensinger ES, Snyder VC, Holland CL, Sheehy CK, Rossi EA. Fixational eye movements following concussion. *JOV* 2021;21(13):11. doi:10.1167/jov.21.13.11.
- Rossi EA, Norberg N, Eandi C, Chaumette C, Kapoor S, Le L, Snyder VC, et al. A New Method for Visualizing Drusen and Their Progression in Flood-Illumination Adaptive Optics Ophthalmoscopy. *Trans. Vis. Sci. Tech.* 2021;10(14):19. doi:10.1167/tvst.10.14.19
- Vienola KV, Dansingani KK, Eller AW, Martel JN, Snyder VC, Rossi EA. Multimodal Imaging of Torpedo Maculopathy with Fluorescence Adaptive Optics Imaging of Individual Retinal Pigmented Epithelial Cells. *Frontiers in Medicine* 8 (2021): 2418. doi:10.3389/fmed.2021.769308
- Gofas-Salas E, Rui Y, Mecê P, Zhang M, Snyder VC, Vienola KV, Lee D, Sahel JA, Grieve K, and Rossi EA, Design of a radial multi-offset detection pattern for in vivo phase contrast imaging of the inner retina in humans. *BOE* 13, 117-132 (2022). doi:10.1364/BOE.441808