

Past Keynote Speakers

2021 Jeffery Goldberg, MD, PhD

2020 Terry J. Smith, MD

2019 Vinit Mahajan, MD, PhD

2018 Robert Mullins, PhD

2017 Emily Chew, MD

2016 Janey Wiggs, MD, PhD

2015 Martin Friedlander, MD, PhD

2014 Alon Kahana, MD, PhD

Helen Keller Award

Past Winners

2021 Deborah Giaschi, PhD (UBC)

2020 Murray Johnstone, MD (UW)

2019 Martha Neuringer, PhD (OHSU)

2018 Rachel Wong, PhD (UW)

2017 Robert S. Molday, PhD (UBC)

2016 James Hurley, PhD (UW)

2015 John C. Morrison, PhD (OHSU)

2014 Michael Mustari, PhD (UW)



University of Washington
University of British Columbia
Oregon Health Science University

Present

13TH ANNUAL GAINED IN TRANSLATION SYMPOSIUM

SATURDAY, NOVEMBER 12, 2022

7:30 a.m. to 5:00 p.m.

Keynote Speaker

Mary Elizabeth Hartnett, MD, FACS, FARVO

Calvin S. and JeNeal N.Hatch Presidential Endowed Chair in

Ophthalmology and Visual Sciences

Director of Pediatric Retina

Adjunct Professor of Pediatrics and Neurobiology

Moran Eye Center

2022 Helen Keller Award Winner Tom Reh, PhD

This year's event will be held at:

**Orin Smith Auditorium, UW Medicine South Lake Union
850 Republican St. , Bldg. C, Seattle, WA 98109**

AGENDA

7:30-8:00	Breakfast and Registration	
8:00-8:15	Welcome and Opening Remarks	Russell Van Gelder, MD, PhD
8:15-9:15	<i>Clinical Challenges in Myopia</i>	Margaret Overstreet, OD
	<i>Translational Research: Updates on Cause and Prevention of Myopia</i>	Jay Neitz, PhD
	Question & Answer Moderator	Erin Godbout, MD
9:15-10:15	<i>Clinical Challenges of Prosopagnosia</i>	Eugene May, MD
	<i>Translational Research: "How do prosopagnosic subjects scan faces? Using deep learning to uncover anomalies."</i>	Jason Barton, MD, PhD
	Question & Answer Moderator	Shandiz Tehrani, MD, PhD
10:15-10:25	Break	
10:25-10:30	Introduction	Russ Van Gelder, MD, PhD
10:30-11:30	Keynote Speaker	Mary Elizabeth Hartnett, MD
	<i>Translational Aspects and Updates in Retinopathy of Prematurity</i>	
11:30-12:30	Lunch Break and Poster Presentation	
12:30-1:30	<i>Clinical Update: Retinal Degeneration</i>	Debarshi Mustafi, MD, PhD
	<i>Inosine Monophosphate Dehydrogenase (IMPDH) Inhibitors are a New Class of Neuroprotective Agents in Inherited Retinal Degenerations</i>	Paul Yang, MD, PhD
	Question & Answer Moderator	Kaivon Pakzad-Vaezi, MD

1:30-2:30	Gained in Translation Collaborative Innovation Competition:	
	<i>Collaborative Deep Learning on a Decentralized Dataset with Federated Learning</i>	Marinko Sarunic, PhD, MBA, PEng
	<i>Evaluation of the eyelid microbiome in blepharitis</i>	Russell Van Gelder, MD, PhD
	Question & Answer Moderator	Alexandra Van Brummen, MD
2:30-2:40	Break	
2:40-3:10	Helen Keller Award Presentation	
3:10-3:30	Closing Remarks	
		Russell Van Gelder, MD, PhD
3:30-5:00	Wine and Cheese Reception	

ACCREDITATION

The University of Washington School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Washington School of Medicine designates this live activity for a maximum of 5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Upon completion of this activity, attendees should be able to:

1. Analyze the clinical challenges in the treatment of myopia
2. Explain the key drivers for the development of myopia
3. Implement novel treatments of myopia and of ROP
4. Cite the neurological cause of Prosopagnosia
5. Examine machine learning and how it can improve clinical care in patients with Prosopagnosia
6. Recognize new molecular drivers in the pathogenesis of retinal degeneration