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  **Myopia Progression and Management**  Margaret Overstreet, OD  
*Translational Research: Updates on Cause and Prevention of Myopia*  Jay Neitz, PhD

Question & Answer Moderator  Erin Godbout, MD

9:15-10:15  **Facial Recognition and Prosopagnosia**  Eugene May, MD  
*Translational Research: How Do Prosopagnosic Subjects Scan Faces? Using Deep Learning to Uncover Anomalies*  Jason Barton, MD, PhD

Question & Answer Moderator  Shandiz Tehrani, MD, PhD

10:15-10:30  Break

10:30-11:30  **Keynote Speaker**  Mary Elizabeth Hartnett, MD  
*Translational Aspects and Updates in Retinopathy of Prematurity*

11:30-12:30  Lunch Break and Poster Presentation

12:30-1:30  **Clinical Update: Retinal Degeneration**  Debarshi Mustafi, MD, PhD  

Question & Answer Moderator  Kaivon Pakzad-Vaezi, MD

1:30-2:30  **Gained in Translation Collaborative Innovation Competition:**  
*Collaborative Deep Learning on a Decentralized Dataset with Federated Learning*

*Evaluation of the Eyelid Microbiome in Blepharitis*  Russell Van Gelder, MD, PhD

Question & Answer Moderator  Alexandra Van Brummen, MD

2:30-2:40  Break

2:40-3:10  **Helen Keller Awards and Lecture**  Tom Reh, PhD

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