

Karalis Johnson Retina Center: Research Framework

Vision: To create a world without blindness from retinal degeneration.

ADVANCED OPTICS & IMAGING	COMPUTATIONAL OPHTHALMOLOGY	VISION RESTORATION RESEARCH	ACCELERATING THE THERAPEUTIC PIPELINE
<p>Adaptive Optics Imaging: Ram Sabesan, Ph.D., and Kasra Rezaei, M.D.</p> <p>High-resolution OCT-Angiography: Ricky Wang, Ph.D. Kathryn Pepple, M.D., Ph.D.</p>	<p>Outcome prediction using Big Data and Machine Learning: Aaron Lee, M.D., M.Sc., and Cecilia Lee, M.D.</p>	<p>Stem Cell Therapy: Jennifer Chao, M.D., Ph.D. and Tom Reh, Ph.D.</p> <p>Chemical Reanimation: Russell Van Gelder, M.D., Ph.D.</p> <p>Gene Therapy: Jay Neitz, Ph.D. and Maureen Neitz, Ph.D.</p>	<p>Early Clinical Discovery: Jennifer Chao, M.D., Ph.D. Jim Hurley, Ph.D.</p>

Additional investigators contributing to retinal research in the Karalis Johnson Retina Center include:
Ethan Buhr, Ph.D., Sue Brockerhoff, Ph.D., Jim Hurley, Ph.D., Michael Manookin, Ph.D.