

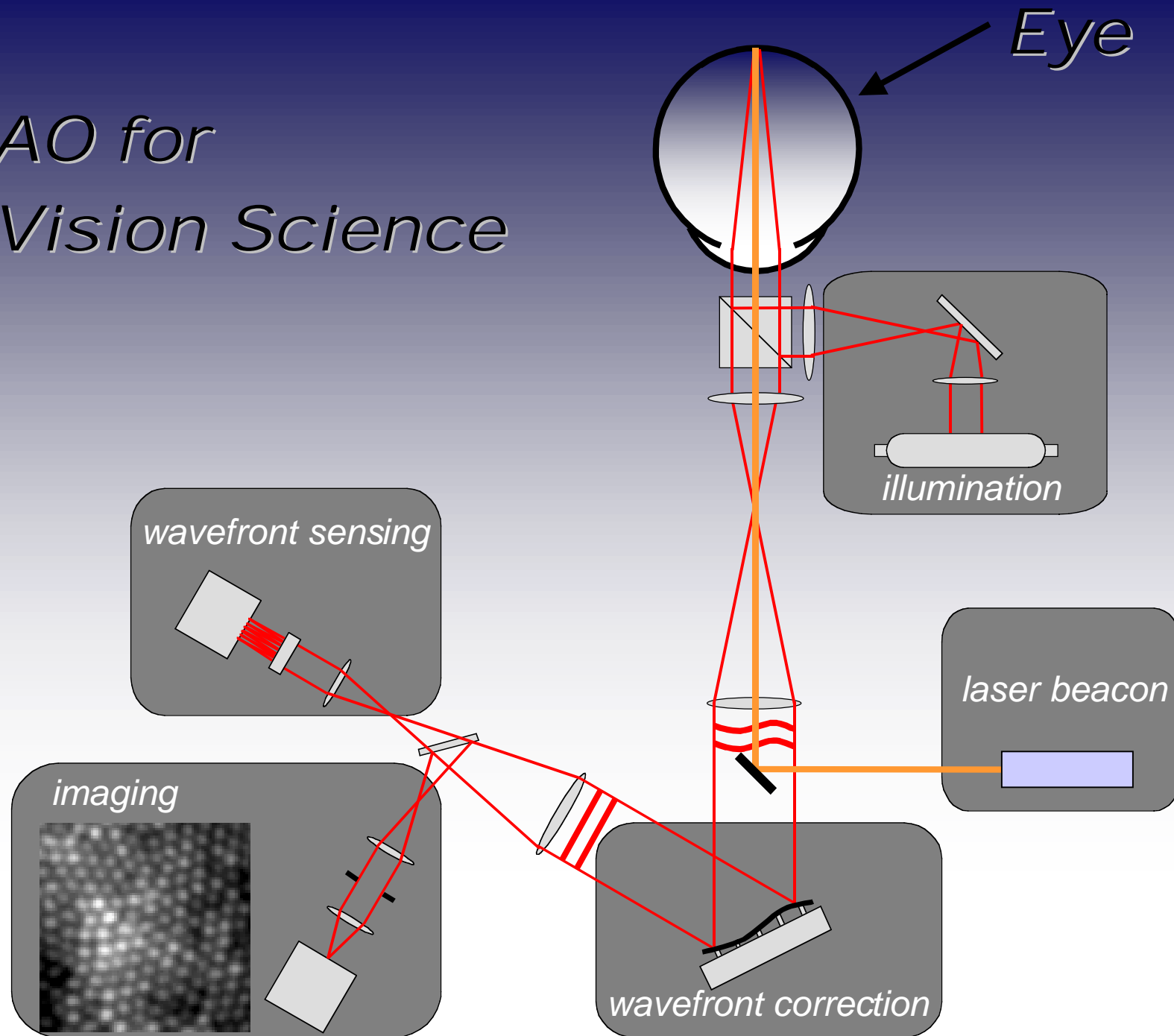
# Retinal Imaging with Adaptive Optics

Austin Roorda, Ph.D.

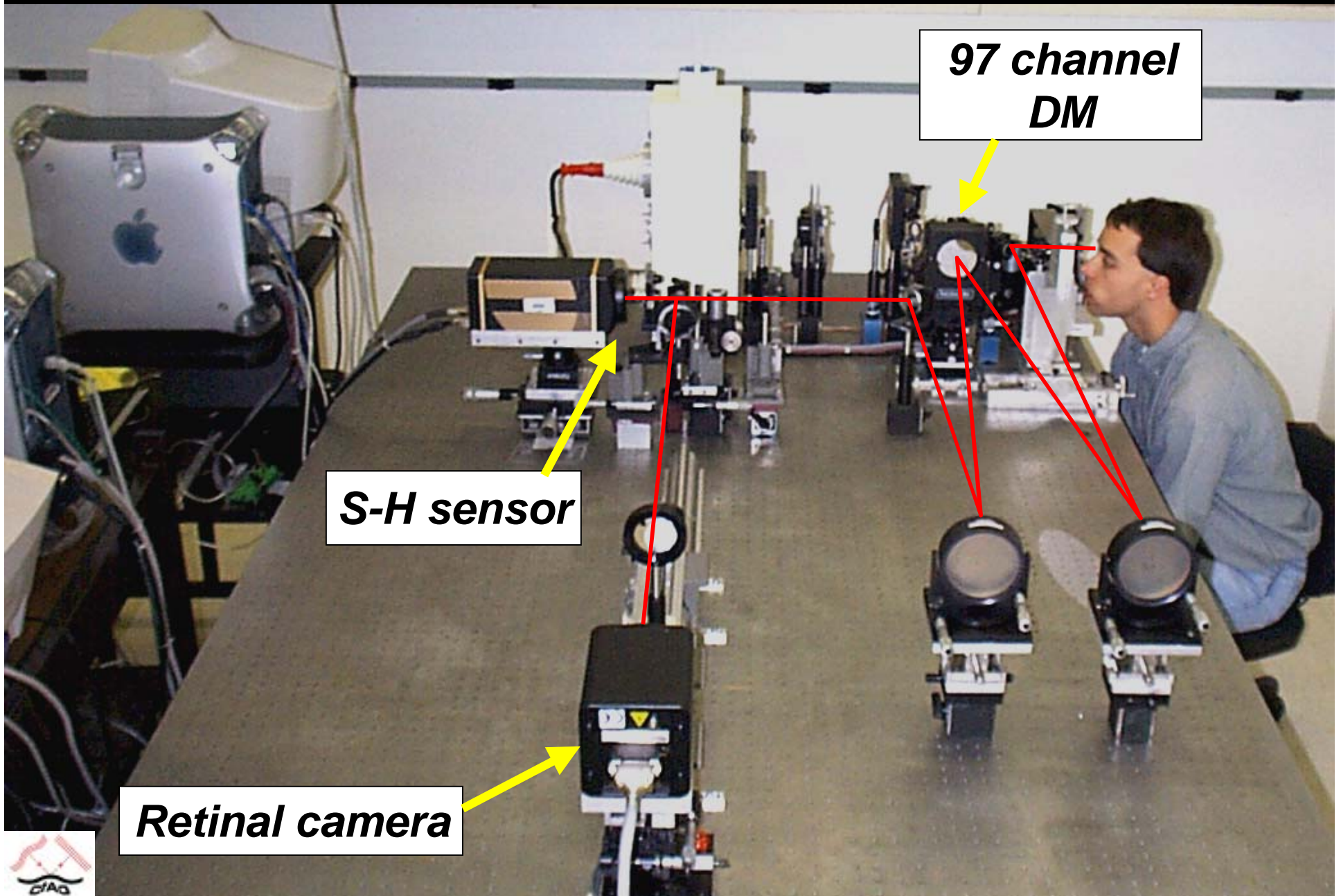
University of Houston College of Optometry



# *AO for Vision Science*

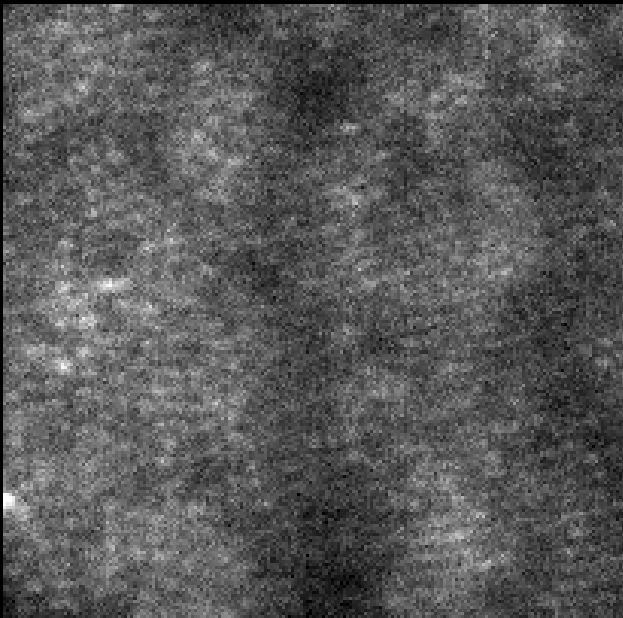


# The Rochester AO Ophthalmoscope

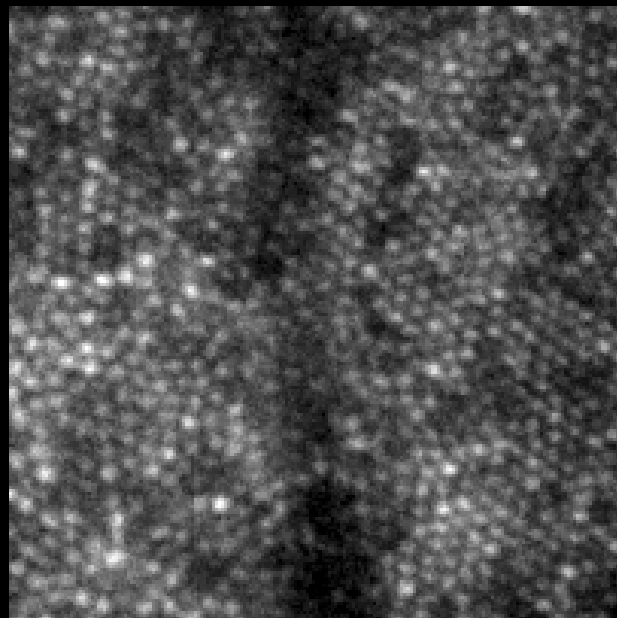


# Adaptive Optics Makes it Possible to See Microscopic Features in the Living Eye

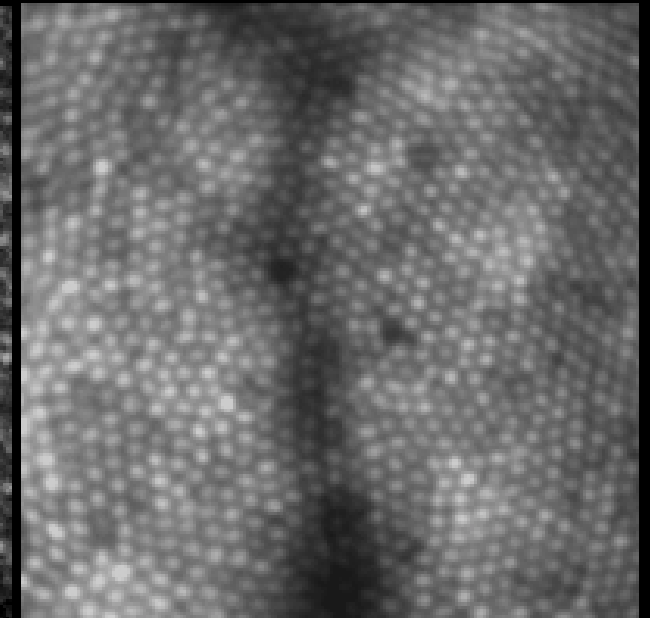
*No AO*



*With AO*

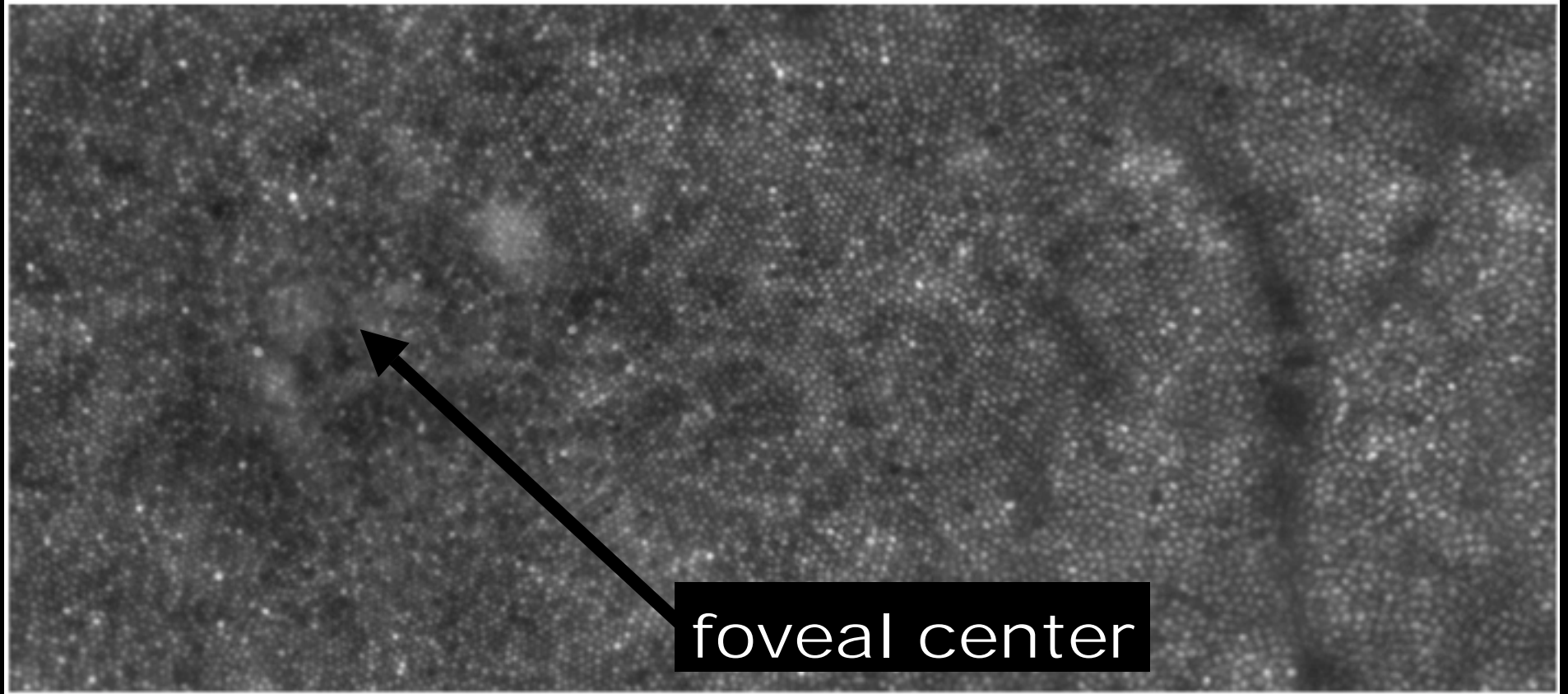


*multiple AO frames*



*JW right eye  
1 deg eccentricity  
image wavelength = 550 nm*

# Adaptive Optics Makes it Possible to See Microscopic Features in the Living Eye



*Heidi Hofer, Matt McMahon, David Williams, U Rochester*

