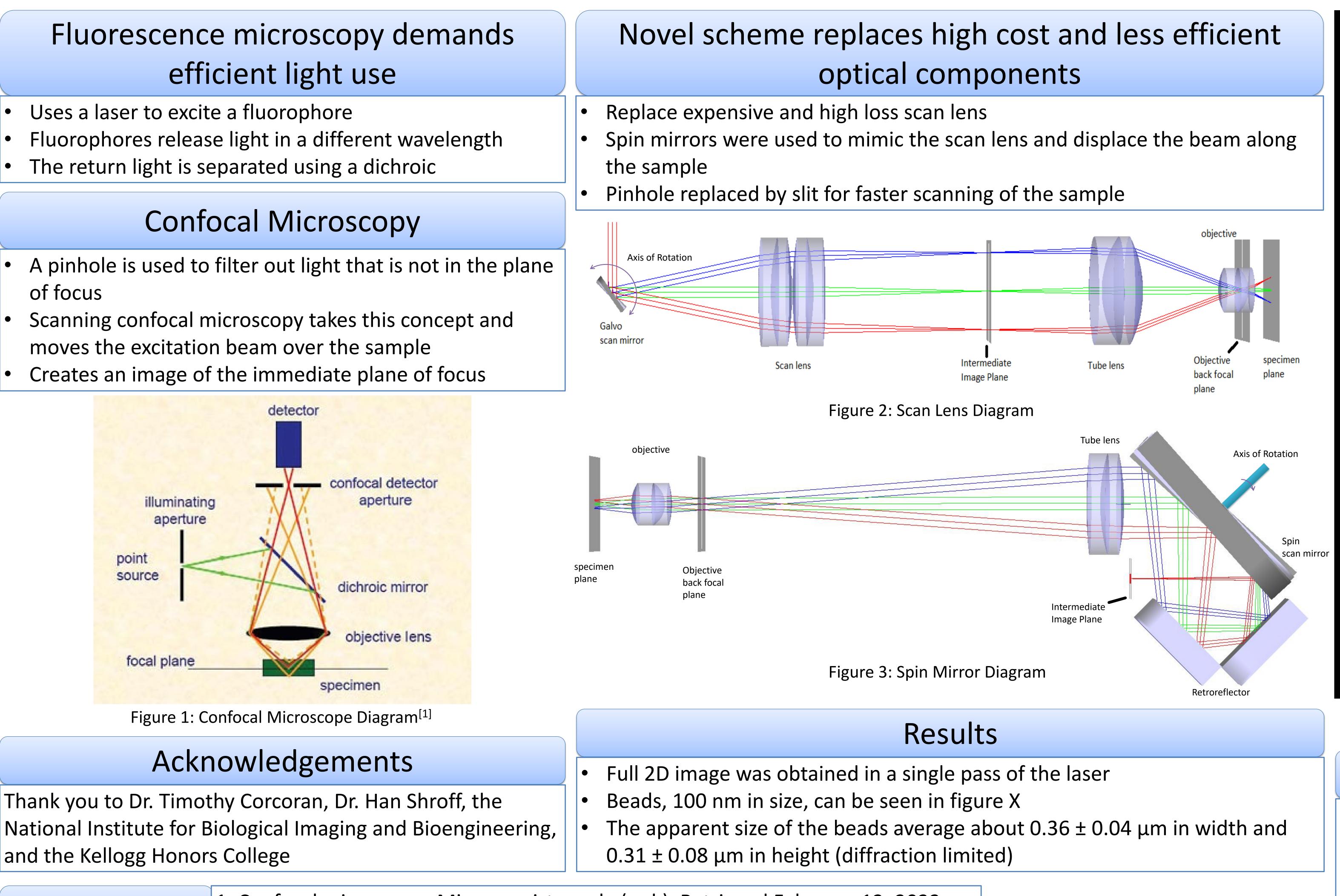


- Uses a laser to excite a fluorophore
- The return light is separated using a dichroic

- of focus



and the Kellogg Honors College

Katarancac	1. Confocal microsco
	from http://www.mi

# Slit-Scanning Confocal Florescence Microscope

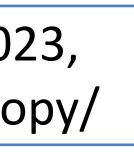
## Chad Carlile, Department of Chemical Engineering

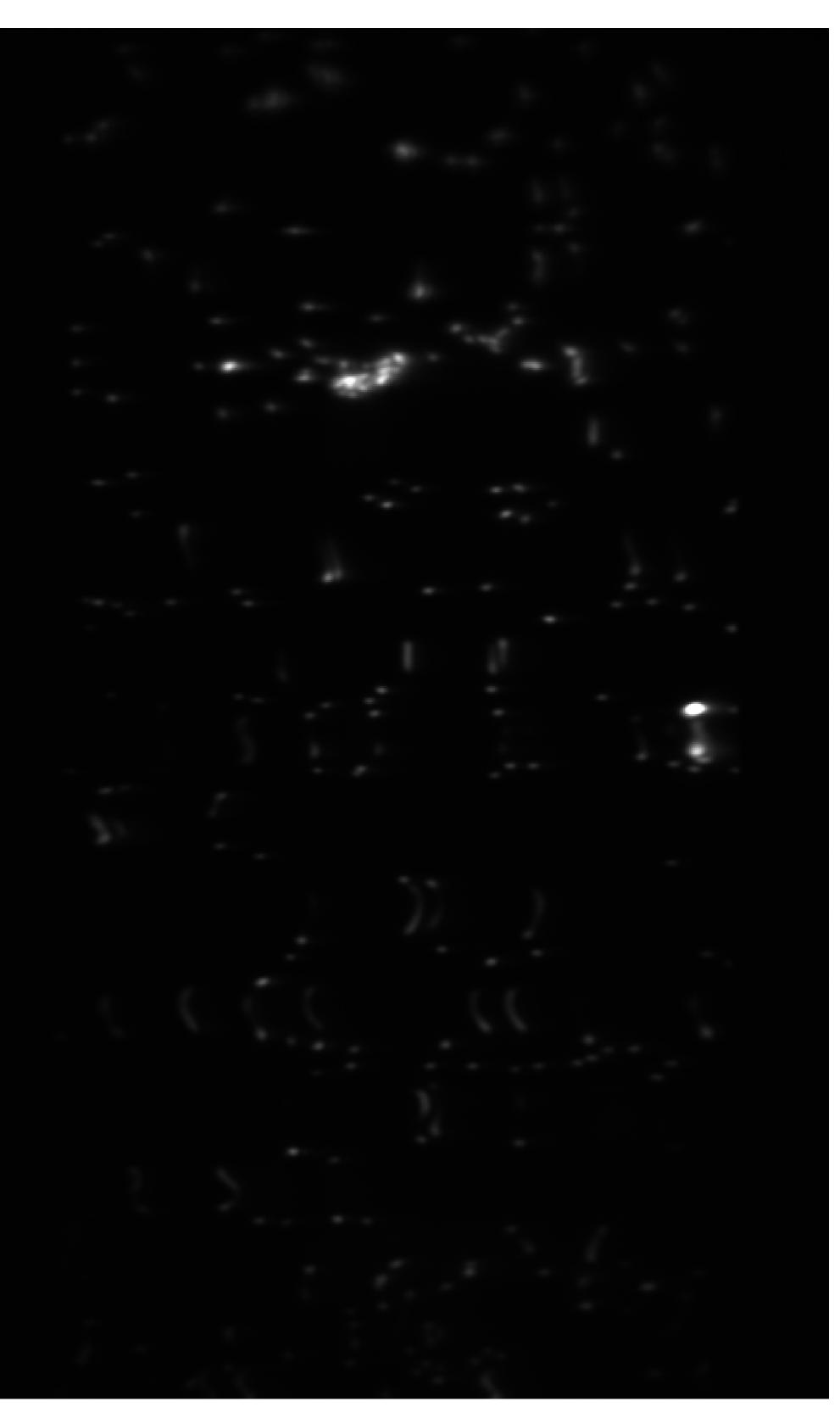
Mentor: Dr. Timothy Corcoran

Kellogg Honors College Capstone Project

Cal Poly Pomona RSCA Student Conference 2023

copy. Microscopist.co.uk. (n.d.). Retrieved February 12, 2023, nicroscopist.co.uk/essential-techniques/confocal-microscopy/







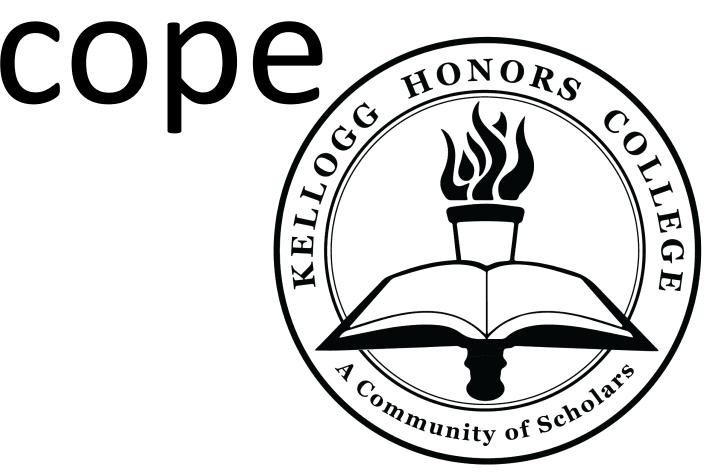


Figure 4: Scan of 100 nm Bead Sample

## Future Development

Alter spin mirror mounts to provide more stability and a tunable tilt Obtain higher quality scans Create 3D image stacks