ADVANCED IMAGERY, SPECTROSCOPY & PROTOTYPING

For startups in biophotonics, diagnostics, device prototyping, and computational biology.

- Time-gated microscope (custom, Roper Scientific PentaMAX CCD, optics, LEDs)
- Home-built cryo stage
- Time-gated photon counting spectrometer (Hamamatsu, Optometrics, Quantum Northwest)
- Microarray reader/wide-field fluorescence imager (laser, filters, CMOS camera, custom stage)
- Two 3D printers (Ender 3 v2, PLA fiber)
- Linux PC for computational chemistry/structure refinement (AMD Ryzen 9, 128 GB RAM, Radeon GPU)