

Timothy York, Ph.D

**Title: Assistant Professor** 

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- 1. What are your current 3 main areas of research?
  - Polarization image sensors
  - Imaging systems for remote sensing
  - Biomedical imaging applications
- 2. What are the top 3 areas of expertise/tools you are looking for in a research collaborator?
  - Biomedical experience
  - Knowledge of optics
  - Mechanical systems experience
- **3.** What 3 skills/tools that you have access to, are you willing to share with a potential research collaborator?
  - Electronics expertise from IC design to full system integration
  - Optical design and engineering experience
  - Software development for systems (C/C++), numerical analysis (MATLAB/NumPy), computer vision (OpenCV), and scripting (Python)