"Our aim is to accelerate the integration of freeform optics technologies in collaboration with industries, ushering innovative products into the market. Our emphasis lies in achieving swifter timelines, reduced costs, elevated performance, and pioneering capabilities."

> Jannick P. Rolland, PhD Director of CeFO

# Join CeFO Today

Be at the forefront of the freeform revolution

Engage in shaping the development of roadmaps for freeform technology

Accelerate time to market of new



Leverage research funds

technologies

- Demonstrate new capabilities
- Access the center's intellectual property

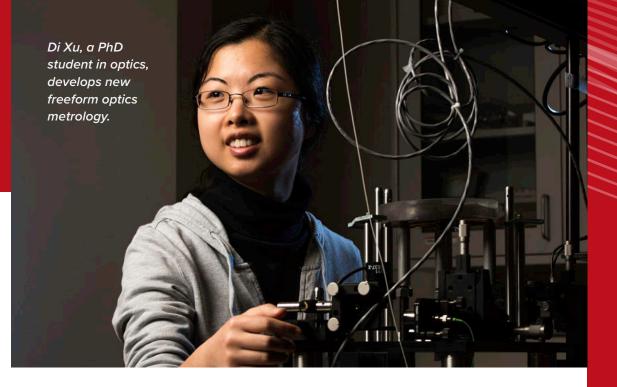
**Mentor** graduate students

Access students trained in freeform optics

Freeform optics unconstrain optical design, improve performance, and reduce part count and package size.

**Center for Freeform Optics (CeFO)** 

- Foster cross-disciplinary research and education for optical precision and engineering
- Preserve a legacy of centers in optics, imaging science, physics, and mechanics
- Committed to innovation





The Center for Freeform Optics An Industry/University Cooperative Research Center

## centerfreeformoptics.org/

or contact Jannick P. Rolland at rolland@optics.rochester.edu and Thomas Suleski at tsuleski@charlotte.edu

Photos courtesy of J. Neil Sjoblom & J. Adam Fenster







# Join the Freeform Revolution

## THE CENTER FOR FREEFORM OPTICS

An Industry/University Cooperative Research Center



## Accelerate the Impact of Freeform Optics on Our Collective Future

The Center for Freeform Optics (CeFO) was established in 2013 as a collaboration between industry and university, supported by the National Science Foundation.

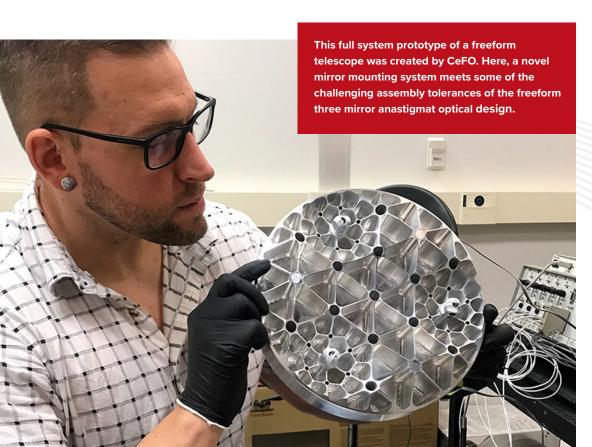
## Vision

Compact, cost-effective, and high-performing optical systems will permeate and transform precision technologies of the future.

## Mission

The mission of the Center for Freeform Optics (CeFO) is to advance precompetitive research and education in the science, engineering, and applications of systems based on freeform optics through a dedicated, continuing industrial partnership based on shared value.

Join us today!



## **Recognize Global Innovation Leaders** in Optical Technology

### Participation (2013–23):

Sites Universities Students

33 Faculty

36

Members

## **University of Rochester**

- The Institute of Optics, the nation's first academic institution devoted to training optical scientists and engineers
- The Laboratory for Laser Energetics, home to two of the world's most powerful high-intensity lasers and a worldclass coating facility
- Expertise in materials science, precision mechanics, optomechanics, and nanotechnology (URNano)
- Proximity to and collaboration with the University of Rochester Medical Center (URMC) and Department of Mechanical Engineering

## **University of North Carolina at Charlotte**

- Home to Center for Precision Metrology, a world-leading research facility in dimensional metrology
- Expertise in single-point diamond machining, precision machine design, optical testing, and materials characterization
- Center for Optoelectronics and Optical Communications has full suite of micro-optics and lithography tools to enable fabrication of multiscale optical surfaces
- Center for Metamaterials synergizes with CeFO

#### **OPTICAL** TRANSFORMATIONS Quantum cryptography

Art forms

### **MEDICAL AND** BIOSENSING

Assistive technologies Ophthalmic Endoscopy Microscopy

## Situate Yourself Within the Spectrum of Freeform Optics

