

Do You Have A Project We Can Help With?

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Optical Engineering

Our optical engineering services are varied and include imaging lens design and non-imaging illumination designs. Our optical designs incorporate advanced freeform and aspheric elements when needed, and range from custom to off-the-shelf optics. Our designs are as unique as our customer's requirements. We have invented complex polarization-based interferometers and simple, highly efficient light pipes.

At INOV, we do things differently. The INOV team assigned to your project will be hand-selected to ensure you have the best engineers for your unique product. We have long-standing relationships with our vast network of expert engineering professionals. We may need a specific talent for a short phase of your development process, yet you can be assured they will be an expert in their field. You save money while still procuring top talent, rather than having your work placed with an in-house engineer who may not be the best expert for all phases of your project. Our unique approach and broad range of expertise enables us to repeatedly deliver superior products, even in the most competitive markets.



Our Past Applications Include:



Camera Lens Design

Ophthalmoscopes

Fundus (Retinal)
Cameras



Tissue Optics Modeling

Fluorescents Detection

Endoscopic Optics



LED Optics

Spectrometer Design

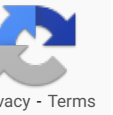
Interferometer Design



Lens Tolerancing

Stray Light Analysis

Laser Optics Systems



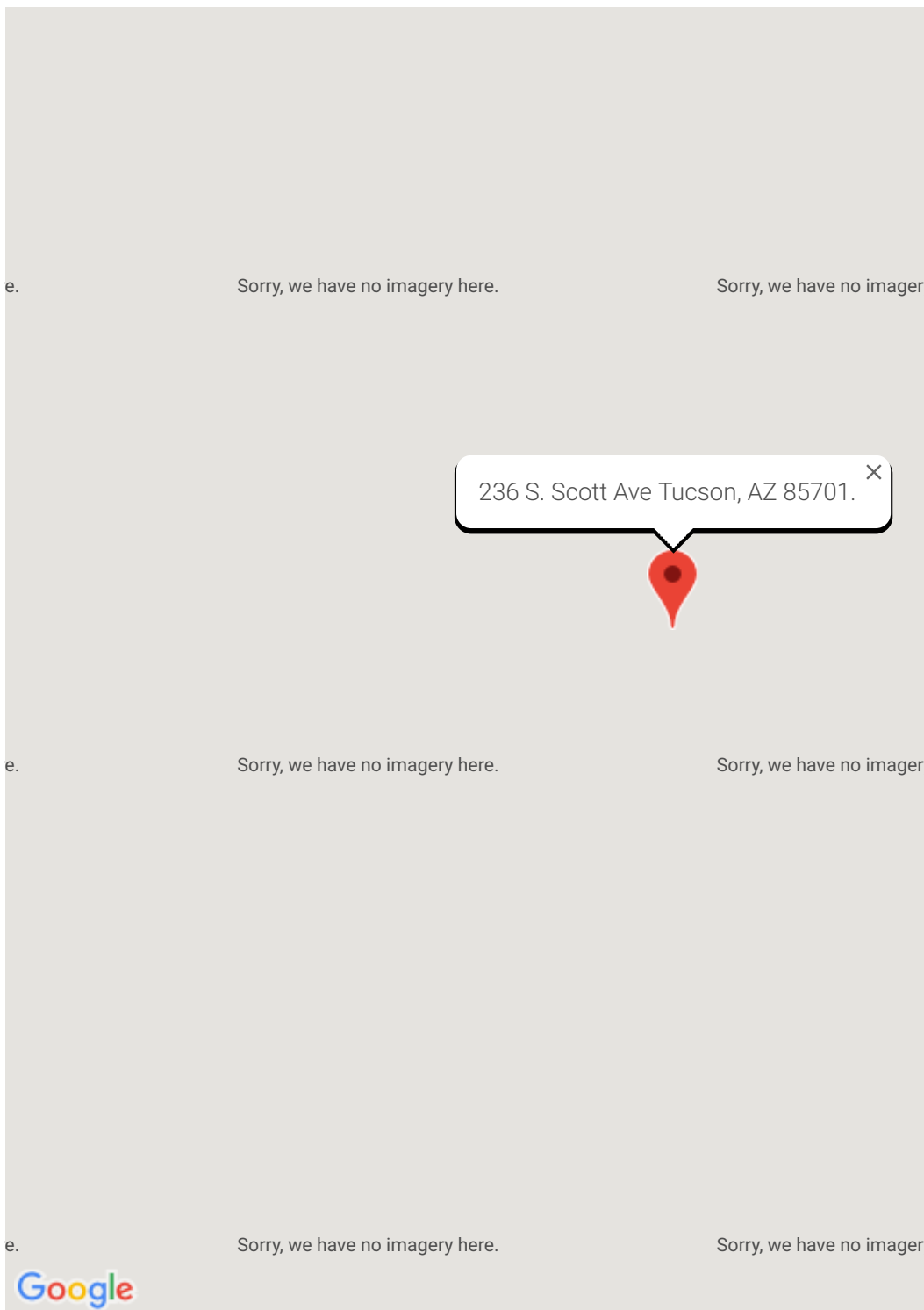
Companies We've Worked With

Here is a sampling of just some of the organizations we're proud to have worked with over the years:



Let's talk about your project!

SCHEDULE A FREE CONSULTING SESSION!



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