

INTERN- Summer Optics/ Psychophysics

Job ID: 165780

Location: USA,NY-Painted Post

Org Marketing Statement

Corning is the world leader in specialty glass and ceramics. We create and make keystone components that enable high-technology systems for consumer electronics, mobile emissions control, telecommunications and life sciences. Corning succeeds through sustained investment in R&D, over 150 years of materials science and process engineering knowledge, and a distinctive collaborative culture.

Our products include glass substrates for LCD flat panel televisions, computer monitors and laptops; ceramic substrates and filters for mobile emission control systems; optical fiber, cable, hardware & equipment for telephone and internet communication networks; optical biosensors for drug discovery; and other advanced optics and specialty glass solutions for a number of industries including semiconductor, aerospace, defense, astronomy and metrology.

To know more about Corning, please visit us at www.corning.com

Department Marketing Statement

A world leader in industrial research and development, Corning staunchly believes in change. We thrive on seeking new opportunities to make a difference for mankind and bringing them to life.

Our dedicated scientists conduct their research with the highest integrity, finely tuned processes and superb skill. Breakthroughs occur when our researchers leverage existing technologies across product lines or come as the result of a profound moment of inspiration or even as an unexpected, experimental outcome. That is when research is at its most exciting.

We do everything possible to sustain our culture of innovation. We continually invest in research and development to provide our scientists with the resources they need. This has enabled our scientific community to develop a unique ability to solve complex problems and maintain a keen focus on things that really matter -- technologies that improve our lives and change our world.

R&D is the foundation on which Corning's history has been built, and we have no doubt it will lead us to future technological triumphs.

To know more about Corning's Science and Technology division, please visit the R&D website at: http://www.corning.com/r_d/index.aspx

Responsibilities

Scope of Position:

- Determine optimal display cover glass attributes through experimental investigation of human perception. Understand the limits of different display attributes which humans can perceive and viewer preferences.
- Provide key model/ data set which can be used for product development and customer interactions.

Hours of work/work schedule/flex-time:

- 40 hours per week

Qualifications

Required Education:

- Some Post-secondary in optics, physics, or psychology. Preferred graduate experience in same areas

Required Skills:

- Human perception/ psychophysics
- Optics fundamentals
- Proficient at basic computer graphics

Desired Skills:

- Advanced understanding of optics, scattering
- Experience with consumer electronics/ displays

Soft Skills:

- Eagerness to learn
- Interest in Display Technology and/or Human Perception
- Clear communication both oral and written
- Flexible attitude and ability to work within a team

Apply by visiting <https://corningcareers.corning.com> and searching for keyword: **INTERN- Summer Optics/ Psychophysics**