The Glass Shop, part of the UA’s Department of Chemistry and Biochemistry, develops concepts and ideas into workable glassware designs, which are then fabricated into specialized, one-of-a-kind prototypes. As research progresses, the glassware can be repaired and designs can be modified as necessary.

The glassblowing facility has on hand virtually all sizes of borosilicate (Pyrex and Kimax) glass tubing ranging in size from 2 millimeters up to 178 millimeters in diameter. All sizes of commonly used ground glass joints and a large selection of both glass and Teflon stopcocks are maintained in a large inventory. Smaller selections of quartz tubing are also maintained in stock. Special items can be ordered if necessary.

The Glass Shop houses equipment including glassblowing lathes, a cut-off saw, and a belt sander. Staff at the Shop are able to provide on-site repairs, installation, alteration, or troubleshooting of glassware systems, as well as instruction in scientific glassblowing.

The Glass Shop regularly works with researchers in the UA’s College of Science, College of Medicine, and College of Engineering, among others. Additionally, the Glass Shop supports industry partners dedicated to research and development in fields such as chemistry, chemical engineering, and biomedicine.

Engage with us today

**Contact**
Charles Amling
Scientific Glassblower
camling@email.arizona.edu
520-621-6366

**Location**
Chemical Sciences
Building 44
Room 209
cbc.arizona.edu/research/support-services/facilities/glass-shop