Coraopolis, PA ... November 22, 2013 ... Through their Ceramic and Glass Division, Goodfellow offers a range of porous glass and ceramic materials as semi-finished forms and custom-made components for use in a wide variety of research and industrial applications. The items are available with pores as small as 0.25 microns and in a range of materials including oxides such as alumina and zirconia; non-oxides such as carbides and nitrides; and other specialist materials such as vitreous (glassy) carbon, mullite, porcelain, aluminosilicate borosilicate glass and quartz. Forms may be custom-made or off-the-shelf and include honeycomb, foam, sheet, tube, disc, sphere and flakes.

Due to an exceptional combination of characteristics – low density, high surface area, low thermal conductivity, good thermal shock resistance, good strength, etc.) – applications are many and varied. They include:

- Filtration
- Insulation
- Sensors
- Refractory applications
- Catalyst carriers and supports
- Lightweight substitute in structural applications

For more information, contact a Goodfellow materials specialist at 1-800-821-2870 or ceramic@goodfellowusa.com.

Goodfellow is a leading supplier of metals, polymers, ceramics and other materials to meet the needs of science and industry worldwide. The company specializes in supplying small quantities (a few grams to a few kilos) of metals and materials for research, prototype development and specialized manufacturing applications. Standard products can be found online at the comprehensive Goodfellow Catalog (www.goodfellowusa.com).

The Goodfellow Ceramic and Glass Division (www.goodfellow-ceramics.com) supplies a comprehensive range of ceramics and glasses to the research and industrial markets either as finished components to customer drawings or in an extensive range of semi-finished forms including sheets, rods and tubes for customers to machine their own components.