

## **Distinguished Corning researcher to deliver Scholes Lecture**

4/07/03

Dr. George H. Beall, a retired researcher for the Science and Technology Division of Corning, Incorporated, will present the annual Samuel R. Scholes, Sr., Lecture at 11:20 a.m. Thursday in Holmes Auditorium, Harder Hall, on the Alfred University campus. Each year, the School of Ceramic Engineering and Materials Science selects a distinguished glass scientist to deliver the lecture in memory of Dr. Samuel R. Scholes, Sr., who founded the glass science program at Alfred University more than 70 years ago. Today, Alfred University is the only institution in the United States, and one of only three in the world, to offer a Ph.D. degree in glass science. Beall's topic will be "Exploratory Research in the Glass Industry: A Geologist's Perspective." His primary field of research involves the controlled crystallization of glass. Resulting glass-ceramic products include such familiar Corning products as Keraglas radiant cook tops, machinable glass-ceramics such as Macor, Visions see-through cookware, Cercor industrial heat exchangers and Pyroceram tableware. Beall joined Corning in 1962 after earning his Ph.D. in geology from the Massachusetts Institute of Technology. He holds a B.Sc. degree in physics and geology and an M.S. degree in geology, both from McGill University in Montreal. He was a research geologist from 1962-66, manager of glass-ceramic research from 1966-76, and a research fellow from 1976 until his retirement in 2002. He has been a courtesy professor in the Department of Materials Science and Engineering at Cornell University since 1980. During his career, Beall has authored or co-authored about 80 technical papers and holds 94 patents. He has co-authored one book, and co-edited another. He received the Distinguished Inventor Award from the Central New York Patent Law Association in 1989; the Chemistry Materials Award from the American Chemical Society in 1995, and the Sullivan Award from the Corning Section of the American Ceramic Society in 1997. He also received the 2001 Achievement Award from the Industrial Research Institute. A Fellow of the American Ceramic Society, Beall was named a Distinguished Life Member of the society. He received the George Morey Award in 1988 from the society's Glass and Optical Materials Division, and the John Jeppson Award and the Samuel Geijsbeek Award from the ceramic society, both in 1993. He delivered the Edward Orton Memorial Lecture at the society's 1996 annual meeting.