

## 2014 Acta Materialia Hollomon Materials and Society Award

The winner of the 2014 Acta Materialia Hollomon Materials and Society Award is Anson Marston Distinguished Professor Karl A. Gschneidner, Jr., of the Department of Materials Science and Engineering, Iowa State University. He is also a Senior Metallurgist at the Department of Energy's (DOE) Ames Laboratory and Chief Scientist of DOE's newest Energy Innovation Hub – the Critical Materials Institute. Karl has been working on rare earths since his graduate student days when he started working with his mentor Distinguished Professor Frank H. Spedding, known as the “father of rare earths,” and Dr. Adrian H. Daane in 1952 when he started preparing high purity rare earth metals and studied the rare earth carbides. After graduating from Iowa State University he joined the plutonium physical metallurgy group at the Los Alamos National Laboratory, and, in addition to working on delta-stabilized plutonium ( $\delta$ -Pu) alloys, he studied the temperature-pressure phase diagram of cerium.

