# Seven Los Alamos scientists earn AAAS honors

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LOS ALAMOS, New Mexico, December 15, 2011—The American Association for the Advancement of Science (AAAS) has awarded the distinction of Fellow to seven scientists from Los Alamos National Laboratory for advancing science applications that are deemed scientifically or socially distinguished.

New Fellows will be recognized in February at the AAAS Fellows Forum during the 2012 AAAS Annual Meeting in Vancouver, B.C., Canada.

The Fellows from Los Alamos National Laboratory are:

Richard Sayre, of Bioscience Division, for distinguished contributions in the field of plant metabolic engineering for improved nutrition, photosynthesis, and renewable fuels production. Sayre, in the Laboratory's Bioenergy and Environmental Science Group, explores such projects as the improved efficiency of plant photosynthesis, advances in

algae production and harvesting, and understanding the biochemical and biophysical processes of algae and other energy plants.

John Gordon, Chemistry Division, for distinguished contributions to chemistries relevant to energy applications. His research group currently resides in the Inorganic, Isotope and Actinide Chemistry Group in Chemistry Division, where efforts are focused on catalysis applicable to energy applications, including biofuels synthesis and nitrogen functionalization chemistries.

Jeanne Robinson, Laboratory Directed Research and Development Office, for distinguished contributions to physical chemistry research in the national interest, and for leading the physical chemistry group at Los Alamos National Laboratory.

Jaqueline Kiplinger, Materials Physics and Applications Division, for distinguished contributions to the field of actinide and lanthanide science, especially in the area of chemical synthesis of novel actinide-containing molecules.

Byron Goldstein, Theoretical Division, for distinguished contributions to the field of computational biology, particularly to modeling in immunology and the systems biology of cell signaling.

Alexander Balatsky, Theoretical Division and the Center for Integrated Nanotechnologies, for his distinguished contributions to understanding strongly correlated materials, especially high-Tc superconductors. His recent work has mainly been in the area of  strongly correlated materials, superconductivity, supersolidity, biomolecular electronics.

Quanxi Jia of the Center for Integrated Nanotechnologies, for pioneering contributions to thin film electronic devices and multifunctional metal-oxide films, and for disinguished service to the materials research profession.