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Dr. Kathleen Carrado Gregar is the Manager of User & Outreach Programs at the CNM. Her roles include responsibility for the development of strategic alliances and collaborative partnerships with academia, industry, and the user community at large, as well as to manage user programs administration.

After attaining her PhD in inorganic chemistry from the University of Connecticut (1986), she came to Argonne as a postdoctoral associate in the Chemistry Division. During her twenty years in that Division she rose through the ranks eventually to Group Leader of the Catalyst Design Group, with research on new catalysts and designer carbons based on layered materials, silicate sol-gel materials chemistry, nanocomposite polyelectrolytes for batteries and membranes in fuel cells, hydrodesulfurization & oxidative dehydrogenation catalytic supports, as well as characterization by diffraction, microscopy, NMR, neutron scattering, and synchrotron x-ray radiation techniques.

She has authored over 60 peer reviewed papers, 7 book chapters, 3 books, and 4 patents. Katie has served in governance positions for the American Chemical Society's Fuel Chemistry Division as their Chair, Program Chair, and as a National Councilor. She has served on advisory boards for the Clay Minerals Society, for a Gordon Research Conference, and is on the editorial boards of several journals. In 2006 she was presented with a DOE Office of Science Undergraduate Research Programs "Outstanding Mentor" Award.

SELCTED PUBLICATIONS

ACID ACTIVATION OF BENTONITES AND POLYMER-CLAY NANOCOMPOSITES, Kathleen A. Carrado and Peter Komadel, *Elements*, May **2009**, 5, 111-116.

METAL NANOCCLUSERS ON POLYMER-CLAY NANOCOMPOSITE FILMS, K. A. Carrado and G. Sandi, *Polymer-Clay Nanocomposite Research* (CMS Workshop Lectures, vol. 15), K. A. Carrado, F. Bergaya, Eds.; Clay Minerals Society: Aurora, CO, **2007**.

HANDBOOK OF LAYERED MATERIALS, S. M. Auerbach, K. A. Carrado, P. K. Dutta, Eds.; Marcel-Dekker: NY, **2004**, (650 pages).