DESCRIPTION

The ChemActivities found in Introductory Chemistry: A Guided Inquiry use the classroom guided inquiry approach and provide an excellent accompaniment to any one semester Introductory text. Designed to support Process Oriented Guided Inquiry Learning (POGIL), these materials provide a variety of ways to promote a student-focused, active classroom that range from cooperative learning to active student participation in a more traditional setting.

ABOUT THE AUTHOR

Michael P. Garoutte received his B.S. in Chemistry from Missouri Southern State College in 1989, and his Ph. D. from the University of Kansas in 1995. His doctoral work was done under the supervision of Richard Schowen, and involved mechanistic studies of proton transfer in serine proteases. After a year teaching at Mercer University and a year at the University of Central Oklahoma, Garoutte took a position at his alma mater in 1997. He teaches a one-semester general-organic-biological chemistry course, organic chemistry, instrumental analysis, and computer applications in chemistry, and directs student research. After being introduced to Calibrated Peer Review at UCLA in 2001, Garoutte served as a facilitator for CPR and the Molecular Science project at several Multi-Initiative Dissemination Project workshops. The overwhelming community of support for curriculum reform in chemistry at these workshops encouraged him to adopt POGIL in his allied health and organic chemistry courses. He developed a set of POGIL-like guided-inquiry activities for the allied health chemistry course, published in 2007 and continues to be active in the project.
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