Journal of SMET Education: Innovations and Research

Values

- · develop student thinking and problem solving
- integrate real world issues with theories in SMET
- respond to employer needs and expectations
- use educational research and student assessment to inform innovations in education

Mission Statement

To promote high-quality undergraduate education in science, mathematics, engineering, and technology through peer reviewed articles that provide

- Case studies and other innovations in education
 - Well founded in SMET content
 - Informed by educational research
 - · Tested through assessment of impact on student learning
- Results from educational research that informs teach ing and learning in SMET
- Récent developments that impact SMET education in such areas as policy and industry needs

Editors-in-Chief

P. K. Raju

Thomas Walter Professor Director, LITEE Department of Mechanical Engineering 201 Ross Hall Auburn University, AL, 36849 Phone: (334) 844-3301 Fax: (334) 844-3307

Email: pkraju@eng.auburn.edu

Chetan S. Sankar

Thomas Walter Professor Department of Management 415 West Magnolia Avenue, Suite 401 Auburn University, AL, 36849 Phone: (334) 844-6504 Fax: (334) 844-5159 Email: sankacs@auburn.edu

International Editorial Advisory Board Members

Dayne Aldridge, Dean of Engineering, Mercer University, GA James L. Barrott, Associate VP of Technology, and Dean of Engineering, Environmental, and Emergency Technologies, Chattanooga State Technical Community College, TN

John D. Bransford, Centennial Professor of Psychology, Co-Director of the Learning Technology Center; Vanderbilt

University, TN
Tim Edlund, Past President, NACRA, Morgan State University, MD

D.L. Evans, Director, Center for Research on Education in SMET, Arizona State University, AZ

Lyle Feisel, Dean of Engineering and Applied Science, Binghampton University, NY

Richard M. Felder, Department of Chemical Engineering, Riddick Engineering Laboratories , North Carolina State University, Raleigh, NC

Norman Fortenberry, Rensselaer Polytechnic Institute and Division Director, NSF

Lothar Gaul, Professor and Director,

Institut für Mechanik, University of Stuttgart, Germany

Alain Gerard, Professor, Laboratoire de Mecanique Physique, Universite Bordeaux, France

George Hairston, CEO, Southern Nuclear Company, Birmingham, AL

Claudia House, Co-Principal Investigator, SEATEC, Nashville State Tech, TN

Mario Letelier, Director, Center for Research in Creativity and Higher Education, University of Santiago de Chile, Chile Akif Ozbek, Engineering Executive,

Boeing, WA

Winfred M. Phillips, Vice President for Research, University of Florida, FL

Karl-Heinz Rau, Professor, Pforzheim University, Germany

Sydney Rogers, Vice President of Economic and Community Development, Director, SEATEC, Nashville State Tech, TN

Eric Sheppard, National Science Foundation and Tuskegee University, Tuskegee, AL Larry Shuman, Associate Dean for Research,

College of Engineering, University of Pittsburgh, PA

Karl Smith, Morse-Alumni Distinguished Teaching Professor of Civil Engineering, University of Minnesota, MN

Nam P. Suh, Cross Professor and Head,

Mechanical Engineering Department, Massachusetts Institute of Technology, Cambridge, MA

Gerard Voland, Associate Vice-President, Academic Affairs,

Illinois Institute of Technology, IL

M.S. Wald, Editor-in-Chief, The International Journal of
Engineering Education, Dublin Institute of Technology, Ireland

Carolyn Meyers, Vice Chancellor (Academics)

North Carolina A&T University, NC

George Peterson, Executive Director, Accreditation Board for Engineering and Technology, Baltimore, MD

Co-Developed by:



SEATEC

South East Advanced Technological Education Consortium

