

EDITORIAL, FIRST SCIENCE AND POLICY ISSUE, JSCAS

The Journal of the South Carolina Academy of Sciences (JSCAS), in order to better serve SCAS members, is undergoing a significant change in both the publication frequency and the focus of articles published in the Journal. SCAS has begun expanding its efforts relating to science and technology research developments occurring in South Carolina. We are particularly interested in SC based research that has national and international implications. This complements the traditional role of SCAS in science education at all levels - middle school through to Ph.D. The Journal will maintain an on-line distribution format but is moving to four issues per year. The goal is to target the Journal at matters directly impacting SCAS members and science in South Carolina. We anticipate publishing a Science and Policy issue, a Science Education issue, a Research in South Carolina issue, and a Governors (SCAS) Award Special Issue each year. The Journal will now include peer-reviewed articles as well as provocative invited editorials and reports relating to the state of science in South Carolina.

One of the first steps in these developments in this first science and policy issue of the JSCAS. This includes 6 articles representing state-of-the art developments in SC and the efforts of state private and public organizations to help support these efforts and encourage them to flourish. Our goal is to provide a forum not only for well-established research entities but others that are more developmental but showing promise for the future. As well as agencies concerned with generating support, growth and maturation for these efforts. It is anticipated that JSCAS will act as a facilitator and serve as a catalyst in stimulating these interactions.

AUTHORS AND TOPICS:

John R Rose. A call for a Statewide Bioinformatics Institute

Alvin Fox, Karen Fox USC and Marvin Vestal, Virgin Instruments LLC: Proteomics – universal biomarkers for inherited and infectious diseases

Bill Mahoney, SCRA: With the help of South Carolina research universities, SCRA demonstrates Leadership in applied research and commercialization within SC

Lucia A. Pirisi-Creek, and Scott Little.SC INBRE: A catalyst for biomedical research development in South Carolina.

Prakash Nagarkatti and Don Dipette, USC: Inflammation: the key to health and disease

Hanno Zur Loy, USC: Polymer-layered oxide anocomposites

The Editor-in-Chief, David Ferris [USC Upstate], Section Editors for the SCAS Journal: Alvin Fox, [USC] - Science and Policy, Val Dunham [Coastal Carolina] - Research in South Carolina. Hans-Conrad zur Loye [USC] - Governors (SCAS) Award Special Issue