

Abstract Submitted  
for the SES05 Meeting of  
The American Physical Society

**Comparative Study of Federal Spending on College and University-Based Research and Development and the position Southeastern States** SAM ACEIL, ASU — United State with 5% of the population has the largest economy on the globe and is the largest producer or consumer of many products, services, resources and byproducts. The dynamic and the socio-economic trends are for more globalization and permeation and ultimate elimination of economic and probably even political borders. The linkage between socio-economical progress and science and technology is undeniable. And science and technology are advanced through Research and Development (R&D). There are no doubt that the nation Colleges and Universities (C&U) perform a great deal of R&D economically and efficiently. Federal government is the largest single source of R&D funds in the nation. Available data indicates that the top 80 C&U receive 71% of the total federal R&D funds (FY2002). Available data shows southeastern states C&U are continuously receiving below national average federal R&D funds. Considering this fact question can be raised that, are students at these C&U are shortcut in R&D and education. Considering the direct linkage between economic growth and R&D, is the region being denied to fulfill its potential to help the herself, the nation and etc. Is it a part of SEASAPS mission as a professional and science and technology organization to realize this problem and seek ways to eliminate the disparity in distribution of federal funds.

Sam Aceil  
ASU

Date submitted: 09 Aug 2005

Electronic form version 1.4