



## Engineering Study Shows State Could Save Money

A USF engineering study indicates the State of Florida could save up to 10 percent of the over \$17 million it costs a year to air condition state government buildings.

The study, prepared by Dr. William A. Smith, professor of energy conversion, and graduate student Robert Burton pinpointed five major techniques which could be employed to cut air conditioning consumption.

These included: reducing the amount of lighting in buildings; adjusting water temperature in hot and cold water coils; adjusting some room thermostats to 80 degrees F; shutting off systems at night; and reducing the amount of air used in ventilation.

The overall project was the result of a \$6,894 grant from USF earmarked by the 1974 State Legislature for State University System state-related research. The USF Engineering Building, typical of many SUS buildings constructed since 1960, was used to test various techniques in air conditioning system energy conservation.

The report has been sent to the Board of Regents where it will be studied and recommendations made.

## Five Brahmans Receive Awards At Annual Basketball Banquet

Five USF basketball players were honored at the annual Basketball Awards banquet, Mar. 14, sponsored by The Herd.

Head Coach Chip Conner cited 6-8 forward Eddie Davis as the most valuable player. The recipient of the Bill Gibson Memorial Award was the Bulls' leading scorer (17.0) and rebounder (8.4). The senior and co-captain also received the rebound award.

The field goal percentage award went to 6-11 center, Steve Stanford, who connected on 48 out of 80 attempts for 60 percent. The sophomore saw action in all but one game this year.

Tampa's Doug Aplin, rated 19th in the nation in free throw percentage at 84.1, earned the free throw award. The senior hit 69 in 81 attempts.

The player who proved early in the year during the games with Florida State, Pittsburgh and North Carolina that he could play against pressure as a point guard was Penny Greene. The 6-1 sophomore stepped in and filled the shoes of Leon "Leki" Smith and helped to lead the Brahmans to a 19-8 season. Greene was honored as the most improved player on the Bull's roster.

A Brahman whose value didn't show in statistics except as second leading rebounder, but whose play was a key factor in those 19 wins, was forward Ric Butner. The 6-8 senior and co-captain received the WFLA defensive award.

Master of ceremonies was the voice of the Golden Brahmans, WFLA's Jack Harris.

## Askew's '76-'77 Budget Request Lacks Adequate Funds For SUS

From the SUS Council of Advisors "Communique" of Mar. 10:

Gov. Reubin Askew made public his 1976-77 Legislative Budget Request in Tallahassee Mar. 8. He previously had announced his recommendation for an \$83.5 million pay increase package for Florida's 90,000 State employees that averages about \$720 per employee, with a range of \$500 to \$1,500 for SUS faculty and A&P staff.

Although the Governor's recommended budget does provide some increases in funds for the SUS, the recommended increases are not adequate to meet the effects of inflation, enrollment increases, and other workload increases. The overall increase of 11.8% is funded with large increases in trust funds such as student fees and teaching hospital patient fees. Net new dollars recommended for the universities (E&G) is \$24 million, with \$17 million of this amount to come from student fees and miscellaneous income. Only \$7 million of the total is from general revenue. The recommended budget provides for only 5.0% increase in general revenue for the SUS, although the increase for the State as a whole is nearly 10%.

It appears that the Governor's recommended budget provides no funds for increased enrollment at the freshman and sophomore level or at the post baccalaureate level.

It is also noted that after a year of no salary increases, the recommended faculty increase averages only 7.0%. The Board of Regents has previously shown that an increase of 22.5% would be necessary to restore faculty and A&P salaries to the 1972-73 level of purchasing power.



## SUS Report to Legislature On Reducing Admin. Costs

A report has been submitted to the Legislature by the SUS on reducing administrative costs in the System in response to concern expressed by the 1975 Legislature over the amount of resources being devoted by the SUS to academic administration as opposed to instruction.

The report points up a number of findings, including these: (1) that there is a high volume of administrative workload in the SUS; (2) the average academic administrator still manages to spend nearly half his time in teaching and other non-administrative activity; (3) that the average SUS administrator is not paid excessively when compared to his colleagues; (4) SUS administrative costs are lower than the national average for four-year public and private universities; and (5) a significant portion of campus administrative workload was externally imposed.

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# grants

Dept. of Health, Education and Welfare, \$19,473, Roger Shannon (physiology), Respiratory Muscle Afferents in Respiratory Control.  
Council of Tampa - Hillsborough County, \$4,000, John W. Coker (theatre), Theatre in the Schools Program Hillsborough County.  
State of Florida, \$12,000, Rex C. Toothman (a/v edu.), Staff Development for Employability Skills Competency Levels.

National Resource and Dissemination Center, \$6,627, D. Orlosky (edu.), National Resource and Dissemination Center - Income.  
Univ. of Miami, \$3,689, Thomas E. Pyle (mar.sci.), Morphology and Internal Structure of Prograding Mud Waves on the Continental Shelf of Surinam.  
Florida Power Corp., \$3,759, Kent A. Fanning (mar.sci.), Evaluation of Anclote Estuary Water Quality Data from 1971 to 1975.  
Environmental Science and Engineering, Inc., \$4,950, J.R. Williams (ant.), An Archaeological and Historical Survey of the Borden Big Four Phosphate Mine Property in Hillsborough County, Florida.  
State of Florida, \$595, John Sidor (pol.sci.), Florida Regional Housing Center Project.  
Institute of Life Insurance, \$19,000, Donald Orlosky (edu.), Teacher Training and Curriculum Analysis for Instruction in Personal Financial Planning.  
State of Florida, \$22,218, Thomas D. Curtis (ecn.), Development of a Methodology to Determine the Impact of CETA Funding of Vocational and Technical Education in Florida.  
National Council on Measurement in Education, \$5,000, Richard M. Jaeger (edu.), Journal of Educational Measurement.  
Agency of International Development, \$6, H.J. Keeler (edu.), Participant Training - Foreign Assistant Programs.  
City of Tampa, \$447,932, William Blount (crim.just.), Greater Tampa Alcohol Safety Action Program.  
National Science Foundation, \$38,500, Kent A. Fanning (mar.sci.), Benthic Diffusion and Marine Nutrients.  
Town of Longboat Key, \$12,500, B.E. Ross (eng.), Hurricane Investigation.  
Florida Power Corp., \$27,187, R.C. Baird, G.F. Mayer and J.K. Rolfes (mar.sci.), The Quality Control and Analysis of Ichthyological Data Obtained from Environmental Monitoring Activities in the Anclote Estuary.  
United States Department of Justice, \$28,333, M. Vega (crim.just.), LEAA Internship Program.  
The University of Oklahoma, \$190, Frank T. Manheim (mar.sci.), Collection of Marine Specimens for Research Purposes.  
National Aeronautics and Space Administration, \$24,549, S.J. Garrett and J.C. Bowers (eng.), Computerized Power Supply Analysis; State-Equation Generation and Terminal Models.  
Texas Instruments, Inc., \$12,144, Kendall L. Carder (mar.sci.), Size Analyses of Suspended Particles from Anclote Estuary.  
Fine Arts Council of Florida, \$2,000, E.W. Hirshberg (Eng.), Florida Suncoast Writers' Conference.  
Small Business Administration, \$1,750, Gene E. McClung (bus.adm., St. Pete Campus), Small Business Institute, 1975/76.  
Small Business Administration, \$1,750, Kenneth R. Van Voorhis (man.), Small Business Institute, 1975/76.  
Westinghouse Electric Corp., \$13,000, Norman C. Small (eng.), A Probabilistic/Reliability Approach to the Plastic Collapse of Steam Generator Tubes with Wall Thinning.  
National Science Foundation, \$5,400, Frank T. Manheim (mar.sci.), Facilities Support.  
Florida Power Corp., \$42,113, Norman J. Blake (mar.sci.), Benthic Infauna of Anclote Anchorage.

# Print

Richard P. Wunderlin (bio.), D. Burch and Daniel B. Ward, "Contributions to the Flora of Florida--9, Psychotria (Rubiaceae)," *Castanea*, The Journal of the Southern Appalachian Botanical Club, Vol. 40, No. 4, pp. 273-279, 1975.  
Charles D. Spielberger (psy.) and I.G. Sarason (Univ. of Washington, Seattle), *Stress and Anxiety*, Vol. 1, New York: Hemisphere/Wiley, 1975.

James F. Strange (rel.stu.), "Late Hellenistic and Herodian Ossuary Tombs at French Hill, Jerusalem," *Bulletin of the American Schools of Oriental Research*, No. 219, p. 39, 1975.  
Kenneth Kay (let.,lect.), *Tomorrow's Headlines - Three Superpower Race for Control of the Chenctu Strain*, with Marshall Goldberg, Pinnacle Books, New York City.  
Douglas L. Nelson (psy.) with V. Reed, "On the Nature of Pictorial Encoding: A Levels-of-Processing Analysis," *Journal of Experimental Psychology: Human Learning and Memory*, Vol. 2, No. 1, pp. 49-57, 1976.  
Peter A. Kazaks (phys.) and J.A. Smith, "Phenomenological Model for Pion-Nucleus Scattering," *Physical Review C*, Vol. 13, No. 1, pp. 283-285, 1976.  
Robert Ingalls (hty.), foreword by G. Meany, *Herbert H. Lehman and New York's Little New Deal*, New York Univ. Press, 1975.

William H. Taft (spon.res.) and Dean F. Martin (che.), "Occurrence and Implication of Sedimentary Fluorite in Tampa Bay, Florida," reprinted from *Advances in Chemistry Series*, No. 147, Analytical Methods in Oceanography copyright 1975 by the American Chemical Society.

Vijay K. Jain (ege.), "Development of a FORTRAN Pattern Recognition System for a Minicomputer," with J.A. Madden, G.A. Mack and E.A. Eikman (all of V.A. Hosp., Tampa), *Proc. Soc. of Nuc. Med. Computer Symposium*, 1976.

Steven D. Kapplin (fin.) and H. C. Entreen, Jr., "Investment Value in a Stagnant Market," *The Appraisal Journal*, quarterly journal by the American Institute of Real Estate Appraisers, pp. 34-42, 1976.

Hans Juergensen (hum.), "Florida November," *Bitterroot*, International Poetry Quarterly, Vol. XIV, No. 54, p. 37, Winter 1975-76.

Dorothy Sisk (edu.), "Encounter Lessons: Activities to Stimulate Creativity and Positive Feelings of Worth," *Gifted Child Quarterly*, Vol. XIX, No. 4, pp. 346-349, Winter 1975.

Robert M. Wulff (ant.), *Progress in Geography with J. Friedmann*, "The Urban Transition: Comparative Studies of Newly Industrializing Societies," pp. 1-93, 1976.