

ACCENT

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\$200,000 EPA Grant

Adams Battles PCBs

Polychlorinated biphenyls (PCBs), found most commonly in water, can be dangerous to all animal life, including humans, according to Dr. James Adams, professor of biology.

"PCBs are one of many organic compounds containing chlorine and are poisonous environmental pollutants which tend to accumulate in animal tissue," Adams said. "They have the ability to prevent reproduction, cleavage and gastrulation and like their cousins, DDTs, are toxic to a large range of animal life."

Adams, who has received a \$200,000 grant from the Environmental Protection Agency (EPA), is studying the "Effects of PCBs on Early Developmental Events During Sea Urchin Embryogenesis."

His project, the only study of this kind funded by the EPA, studies the effect of PCBs on the early development events in the sea urchin. Adams said he chose the urchin because of its accessibility and its predictable timetable for early development.

"Sea urchins are a very widely used research animal," he said. "And I can usually get the sperm and egg of the urchin at will."

Prior to 1970, PCBs were used to a great extent by industries for capacitors,

(Continued on page 4)

Low Producing Programs in Jeopardy

The University had to submit to the State Board of Regents (SBR) by June 9 the rationale for continuing academic programs recommended for termination by the Higher Education Commission.

Three programs have been included in this group. They are bachelors' degrees in Industrial Technology, Transportation Service and Technology and Dental Hygiene and the certificate in Supervisory and Management.

Additionally, under category D (programs which in the opinion of the staff do not meet one or more standards of need, quality, or cost and therefore should be recommended to the appropriate governing board for termination), the University has four programs: bachelor's degree in Dental Hygiene, certificate in Industrial Engineering, associate degree in Fire Science and the master's degree in History.

Of the twenty-nine programs that THEC could not evaluate outside of the institutional role and mission, the University has six programs: bachelors' degrees in Art, English, Foreign Language, Mathematics and Music. These programs have been listed as low-producing programs in the past.

In the professional and occupational fields of academic study, THEC listed twenty-nine programs which must await a state-wide study before determination is made to end them. The University has seven programs in this group. They include: the masters' in Business Education, Home Economics Education and Music Education and four bachelors' degrees—Health Education, Home Economics Education, Mechanical Engineering and Recreation.

A decision will be made by SBR on the category D programs in the June board meeting.

Complimentary Tickets To Be Controlled

The State Board of Regents of the State University and Community College System of Tennessee (SUCCST) will be considering implementing system-wide guidelines for athletic tickets at their June 25-26 meeting at Tennessee Tech.

The guidelines, which came as a result of concern expressed by SUCCST Ad Hoc Committee on Athletics, details how institutions must implement procedures to control tickets sold to the general public and complimentary tickets given to special university guests beginning fall '81.

The guidelines urge each institution to ensure proper management of ticket sales

by implementing procedures to control ticket distribution and accounting for gate receipts effectively.

For a number of years, institutions in the system, including TSU, have sold tickets for football and basketball games specifically with no seating assignment other than for students. The new guidelines state that:

... a ticket should be assigned to each seat available for occupancy expected in designated student areas.

The guidelines also advise all system presidents to develop a detailed plan to enforce admission control set assignment and security.

The guidelines include procedures for each institution to develop stricter control over issuing complimentary tickets. Seeking to establish system-wide control on complimentary tickets, the guidelines suggested that each institution charge budgets requesting complimentary tickets and not limit those charges (as in the past) to the Athletic departments.

The guidelines stipulate that no tickets should be mailed to special guests and that a place or "will call" window should be designed for obtaining complimentary tickets... "individuals authorized to receive the ticket(s) must acknowledge receipt by signing for the (them).

Additionally, the guidelines include procedures for student tickets, group tickets and special passes issued by the Athletic Department... only the chancellor of the system can authorize any changes in these guidelines.

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**Is It Really Coming—
37½ Hour Work Week?
See the July issue of Accent**

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Community Engineering Scholarship Established

The Community Engineering Scholarship Program has been established by the School of Engineering and Technology. "This is part of our effort to bring about better human relations in the Nashville community through engineering," stated Dr. Isibor, dean of the School.

Awards of \$1,000 each will be given to two outstanding high school graduating seniors in the Nashville area (one white and one black), who wish to pursue an engineering degree at the University.

Eligible applicants must have earned a Cumulative Grade Point Average of at least 3.0 or a Composite ACT score of 20. The awards will be based on an essay written by the applicants on "THE PROMOTION OF A WHOLESOME HUMAN RELATIONSHIP IN THE NASHVILLE COMMUNITY THROUGH ENGINEERING."

Members of the Metropolitan Human Relations Commission, chaired by Dr. Calvin Atchison, will judge and select the award winners.

Faculty and staff should refer persons interested in competing for this scholarship to: Dr. Calvin Atchison, Chairman, Metropolitan Human Relations Commission, 1235 Stahlman Bldg., Nashville, TN, 37201; phone 259-5406 or for further information to: Dean Edward I. Isibor, 320-3550.

Deadline for submitting entries is July 1, 1981. Judging takes place on July 15, 1981.

Savings Bonds Interest Rates Increased

The interest rate on Series EE Bonds purchased beginning May, 1981, is being increased from 8 percent to 9 percent, compounded semiannually, when the bonds are held to original maturity. The term to maturity is being shortened from 9 to 8 years.

The interest rate on Series HH Savings Bonds purchased beginning May 1, is being increased from 7½ percent to 8½ percent to their original maturity, which remains at 10 years. Interest on these bonds is paid semiannually by check.

The action will also increase the yield to maturity on outstanding Savings Bonds and Savings Notes. Approximately \$70 billion in bonds and notes is presently held by 23 million American households.

In announcing the decision, Treasury Secretary Regan said "Savings Bonds are important . . . because, through payroll savings, they provide an easy and convenient way to put money aside regularly and save for the future."

Outstanding unmaturing Series E, EE, H and HH Savings Bonds, as well as outstanding unmaturing Savings Notes (Freedom Shares) will also benefit from a 1 percent increase to their next maturities. The redemption value of E and EE bonds and maturity will be improved. In general, the increase will be effective with the first semiannual interest period that begins on or after May 1, 1981. Maturity periods for these bonds and notes will not be changed.

The rate increase will not be applicable to Series E Bonds issued from May 1941 through October 1941. These bonds will reach final maturity and cease to earn interest between May and October 1981, on the 40th anniversary of their respective issue dates. Owners of the maturing bonds are encouraged to consider exchanging them for Series HH Bonds. All Series Bonds and Savings Notes, and EE Bonds over six months old, are eligible for exchange in minimum amount of \$500 redemption value. The exchange offer permits the owner to continue to defer reporting the accrued interest on the E and EE Bonds and Notes for Federal income tax purposes, until the Series HH Bonds are redeemed or reach final maturity.

Present legislation permits the Secretary of the Treasury, with the President's approval, to raise interest rates up to one percent during any 6-month period. The last increase was November 1, 1980. U.S. Savings Bonds, Series E and EE, have had twelve rate increases since the program's inception in 1941.

The new 9 percent rate for EE Bonds and 8½ percent rate for HH Bonds will be guaranteed minimum yields to their original maturities.

Continuing benefits of Series EE Bonds include their exemption from State and local income taxes, the option to defer Federal income taxes on accrued interest, the low minimum purchase price of \$25, and the right to redeem the bonds any time after six months at issue price plus accrued interest.

Summer Research Apprenticeships Awarded to Four Tennessee Youths

Four Tennessee youths—three who finished high school this spring and one high-school senior—were awarded summer research apprenticeships to work with CARP researchers.

The apprenticeships were sponsored by the U.S. Department of Agriculture. Three of the apprentices have already indicated they plan to attend TSU.

DeWayne O. Knight of Somerville will work with Dr. Desh Duseja. Nashville Rhoda Renee Morris will work with Dr. Surendra P. Singh. Scott Anthony Guyton, also of Nashville, will work with Dr. Constantine L. Fenderson. Nashville Billy Jean Reagon will work with Dr. Troy Wakefield, Jr.

Theme Set For 1981 Farm, Home and Ministers' Institute

"Recycling the Past as a Guide to the Future" is the theme of the 23rd annual Farm, Home and Ministers' Institute to be held Friday, November 6 on the Main Campus. Dr. George Washington Carver, an American pioneer of recycling, will be spotlighted at the Institute.

Summer Class Workshop Held in the Library

The Main Campus library was the site of an all day workshop of 58 Metro and Hendersonville teachers who made up EDAD 53A (Motivation/Students and Staff), the first week in June.

Dr. Lovelle Atchison, adjunct professor in educational administration, conducted the workshop. Its purpose was to enlighten the teachers about motivating students to become familiar with the resources of the library and receive assistance with research problems.

The entire professional library staff assisted in providing services to the workshop participants. They used journals and microforms frequently in demonstrating the use of library resources.

Meet Kieu Van Vo

Dr. Kieu Van Vo, since last fall a member of the Department of Animal Science, divides his time between the classroom and the barn housing the chickens, his inheritance from the late Dr. R. Kari.

Like Kari, Vo is a poultry expert. Born in 1946 in Vietnam as Ho Chi Minh prepared for war with the French, he attended Saigon's College of Veterinary and Zootechnical Sciences from 1966 to 1970, at the height of still another war. He studied animal science in Vietnam and following his graduation in 1970, he became an instructor at the college and the college's poultry farm supervisor.

In 1973 he came to the U.S. to study poultry science at Clemson University in South Carolina, where he earned the master's degree in 1976. In 1977 he began a Ph.D. program at Texas A&M University, where he continued his study of poultry science.

Following the ending of classes this spring, Vo returned to Texas A&M to take his oral examination for the Ph.D. degree.

From 1975 to 1980, Vo authored or co-authored 17 papers, many of which appeared in *Poultry Science*. He has studies and reported on such topics as the effects of high temperatures on broiler growth, fat deposition in broilers, and the block parameters of normal and dystrophic chickens.

Vo is married and has one child. His hobbies include swimming, fishing, bicycling, and reading.

TSU Alumni Association Convention Meets in Los Angeles

The TSU Alumni Association Convention is meeting in Los Angeles, California, June 19-21, 1981. It is being held at the Hyatt Regency Hotel, announced Paula P. Rucker, National President, of Alumni Association, Nashville, Tennessee. Theme of the convention is: REVIVE, RECLAIM and RETAIN.

President Humphries and many "heads" of schools and departments will be in attendance giving information on progress and needs of the University as a whole, as well as information on the merger of the University with the University of Tennessee at Nashville.

The dedication of the convention to Maurine Atkins Wallace, a graduate of Tennessee Agricultural Industrial Normal will highlight the occasion. Wallace, with a major in agriculture, was the only "female" among a class of 22 male students in the first graduating class of 1914.

Alumni and associates from all corners of the United States are expected to attend the convention. The Alumni Association has in excess of 5,000 financial members throughout the United States.

News Briefs

Lula G. & Ralph R. Simpson (music) have been chosen by the national Advisory Council for appointment to the Danforth Associate Program. They will join colleagues across the country in activities designed to encourage effective teaching and to humanize teaching and learning in the campus community.

Their appointment runs from June 1, 1981, to May 20, 1986. The program offers opportunities for interdisciplinary and inter-institutional activities among faculty. Associates are invited to attend three biennial conferences with the cost of lodging, hospitality and program paid by the Foundation. These biennial conferences are held within each of the sixteen geographic regions of the Associate Program. Additional activities are conducted to sustain communication and cooperation among Associates. Among these activities are area conferences on educational issues.

Carol Campbell (nursing) received an ANA Fellowship as clinical fellow in the legislative internship program, Washington, DC for 1980-81. She is currently a part-time student in the doctoral program at Peabody/Vanderbilt.

Friends of the Library's First Annual Banquet

The first annual spring banquet of Friends of the Library was held May 2, in the Downtown Campus Atrium. Dr. John Egerton, writer, author and journalist, addressed the occasion. Music was provided by Laverte Woodard, accompanied by Dr. Ralph Simpson, professor of music.

The banquet committee consisted of Drs. Joseph Cozy, Cecille Crump, Roberta Dabney, Pearl Dansby, James Haney, Geraldine Johnson, Bruce Rogers, Sam Smith, James Stewart, James H. Stewart and Jamye and McDonald Williams and Irene Glaus.

Publicity Information

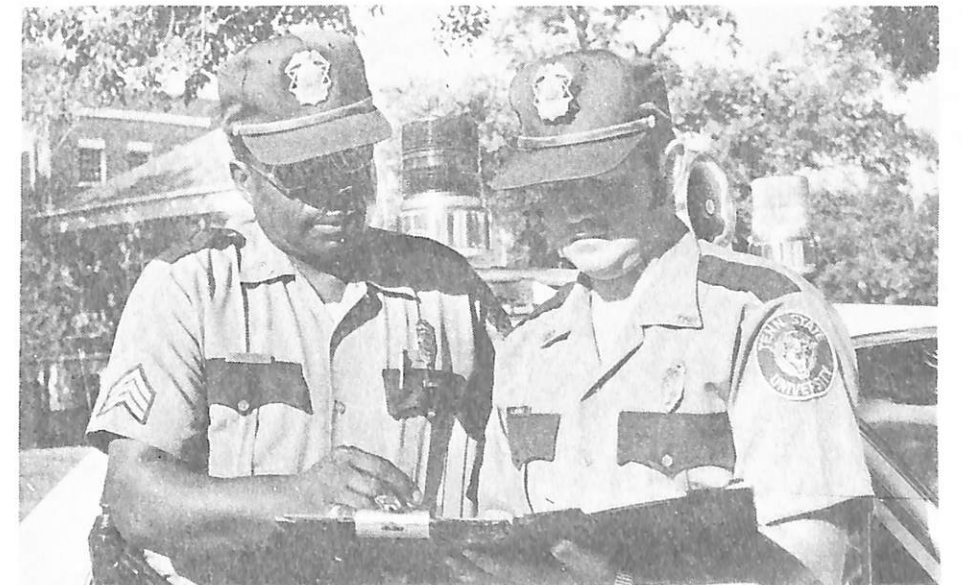
The July and August issues of ACCENT will be published on the third and second Friday of the month, respectively. All copy for each issue must be received by the second and first Wednesday of the month. Material received after these dates will be included in the next month's issue.

Send your calendar information (to be printed in the ACCENT) to Evelyn Merritt, University Community Relations, Downtown Campus, by the first week of the month preceding publication.

For assistance in publicizing programs or events in the local media, call Judy Rudolph or Teresa Hanna, Public Relations, 320-3688. This needs to be done four weeks in advance of the date of the event.

ACCENT
Editor Emeritus, Anne W. Bell
Editor, Mary M. Vowels

A New Look for Safety and Security



Officers Roland Dial and Kenneth Brunmit (left to right) take time to show off new caps worn by security forces on both campuses since early spring. The caps are more comfortable and convenient and are optional to the conventional caps.

Adams Battles

(Continued from page 1)

transformer fluids, plasticizer applicators, lubricants and heat transfer fluids. While its use is controlled in the United States, imported materials containing PCBs from other countries are not.

"Everything about PCBs is negative," Adams said. "They are said to be the cause of "yellow rice disease" or "yusho disease," most common among the Japanese."

They are also very dangerous to women because women have more fatty tissue than men and they can pass PCBs on to their offspring by breast feeding," he added.

"PCBs contaminate food by way of PCB treated packaging materials or the use of PCB treated paper products in making recycled paper. When you get "X" amount of PCB in your system, it starts to affect you," he continued.

The only way to get rid of PCBs, is to burn them at a temperature above 2700 degrees. "If you burn them at any other lower temperature, the vapor formed in the air is still hazardous," he explained.

Adams is also looking at the effects of PCBs on tissue growth and regeneration through an \$170,000 grant he received from the National Institutes of Health (NIH). The NIH grant was funded in 1979 and is scheduled to conclude in 1982.

A native of Columbia, Ms., Adams did his undergraduate studies in biology at Alcorn State University. Later, he received his master's degree in biology from the University of Southern Mississippi and the Ph.D. in development biology from the University of Pittsburgh.

He has worked as assistant professor of biology since 1975, investigator for the Marine Biological Laboratory, Woods Hole, Mass., (summer 1976, 77 and 79) and a research trainee for activated carbon and water pollution research, Pittsburgh Activated Carbon Division of Calgon, Rahway, N.J.

He is a member of the Society for Developmental Biology, Inc., Tennessee Academy of Science, American Association for the Advancement of Science, National Audobon Society and the New York Academy of Science.

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Summertime radio is fine! 12:00 noon-5:00 p.m., Monday thru Friday on WTSU (58 AM) on your radio in the dorm, Goodwill Manor, the administration, alumni and student union buildings.

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DATES TO REMEMBER

SUMMER TERM I
Final Examinations
HOLIDAY

Friday, July 3
Monday, July 6

SUMMER TERM II
Registration
Final Examinations
Commencement

Tuesday, July 8
Saturday, August 8
Sunday, August 9

FALL SEMESTER
Faculty Institute
Registration

Monday and Tuesday, August 17, 18
Tuesday thru Saturday,
August 18-22
Tuesday, August 25

Classes Begin

Summer Swimming Classes Open

Swimming classes for the beginner and advanced swimmer are being offered June 15—July 2 at the Howard C. Gentry Complex.

The classes are sponsored by the campus recreation and intramural division of the department of health, physical education and recreation. Instruction will be available for pre-schoolers, children and adults at all levels Monday thru Friday at 10:00 a.m. and 11:00 a.m. The fee for the three week session is \$20.00.

For registration information, call Richard A. Grooms, coordinator of campus recreation at 320-3603.

Information, news and entertainment 12 noon to 5:00 p.m., Monday thru Friday on WTSU (58 AM) on your radio in the dormitory, Goodwill Manor, alumni, administration and student union buildings.

Gifts

Aladdin Industries, Inc gave \$20,000 to the School of Business.

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The Athletic Fund Drive received \$1,000 from David E. Wilson and \$1,000 from the Nashville Big Blue Club.

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The Xerox Foundation gave \$600 to student loans through its Employee Matching Gift Program.

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Clark Equipment Company gave \$5,250 to the School of Engineering scholarships. Part of the money will be divided into three awards in the amount of \$1,700 each to Albert Wright, Stephanie Johnson and Rudene Smith.

U.S. Amputee Athletic Games Held on Campus

The first Annual United States Amputee Athletic Games (USAAA) were held May 28-31 on the main campus with a total of 52 athletes participating. Twenty-six of the athletes and eight of the non-athletes completed forms evaluating the games and the host University during the final event.

A summary of the results rated Campus and Facility Accessibility, Hospitality, Facilities (games) and the desire to hold the games at the University annually as Excellent and Good. Housing was rated Fair by the total group and food was rated Good by the athletes and Fair by the non-athletes.

The success of the first USAAA games at the University has led to the recommendation by the USAAA organization that the games be held here annually. The members are also recommending that workshops be established to aid officials in becoming familiar with the rules and regulations governing games for handicapped athletes.



Fierce competition between mid-west and mid-south teams during amputee games held in the Gentry Complex.