In Memory of Ves Childs

Alumnus and department friend W. Ves Childs, M.S. ’60, Ph.D. ’63, passed away Sunday, June 21.

He wrote of his childhood: “I remember my mother washing clothes in a huge cast iron pot over a wood fire in the back yard. I remember taking a bath in a galvanized tub beside the kitchen stove. I grew up as a farm boy near Magnolia, Arkansas. I have chopped cotton, plowed cotton behind a Georges stock, and picked cotton. I have castrated pigs and calves. We raised pigs, chickens, beef cattle, and ran a Grade A dairy. I won the showmanship award at the Arkansas State Fair.”

He quit Magnolia High School after the 11th grade and finished college, in three-and-one-half years, at Southern State College (Southern Arkansas University) in Magnolia.

He quit medical school and came to the University of Arkansas where he earned a doctorate in physical chemistry under the direction of Ed Amis. His dissertation title was “A Study of the First Polarographic Wave of the Uranyl Ion in Water and Water-Ethanol Systems,” QD115.C47.

It was here that he met Holly Hartrick, B.S. ’62, whom he married in 1962.

Both Southern Arkansas University and the University of Arkansas Fulbright College have cited him as a distinguished alumnus.

He worked for Phillips Petroleum Company in Bartlesville, Okla. for 22 years, receiving international recognition for his work in electrochemistry and fluorochemistry.

He was then recruited to work at 3M in St. Paul, Minn. He was division scientist there for “17 winters,” as he used to say. There he continuing to develop innovative and economical technologies and continuing to receive recognition for his research. Both Ves and Holly retired from 3M in 2001.

He was an inventor on 52 patents, and he authored five book chapters and numerous articles.

The Alpha Chi Sigma chemistry fraternity and of the American Chemical Society both honored him as a 50-year member. He was also a member of Sigma Xi and the American Association for the Advancement of Science.

In his spare time, he enjoyed playing duplicate bridge, gardening and exploring the interfaces between science and religion, science and politics and religion and politics.

The Childs established the Arthur Fry Lecture Series in 1997 to honor their former professor Art Fry. The annual series brings in notable chemists, including Nobel Laureate Robert Grubbs in 2009.

He is survived by his wife Holly and their children Lisa, Michael and Bill, two brothers and six grandchildren. Lisa Childs is associate vice provost for research and patent attorney for the Division of Agriculture.

A memorial service was held Tuesday, June 30, 2009 at First United Methodist Church in Springdale.

Memorial contributions may be made to the W. Ves Childs Science Education Fund at the University of Arkansas, Development Office, 525 Old Main, University of Arkansas, Fayetteville, AR 72701, or to Southern Arkansas University Foundation, W. Ves Childs Fund, Development Office, P. O. Box 9174, Magnolia, AR 71754-9174.
Faculty News

Geren to Retire
Former department chair and faculty member Collis Geren plans to retire June 30, 2010.

He has served as dean of the Graduate School since 1991. He joined the university in 1976 and was department chair in 1986. He is married to research professor Lois Geren.

Schawb Named Dean
Bill Schawb has been named dean of the Fulbright College. He served as interim dean for the past year. He holds a bachelor’s degree in chemistry and master’s degrees in both urban planning and sociology. He holds a doctoral degree in sociology from The Ohio State University in 1976 and joined the University of Arkansas faculty the same year.

Research News

Roger Koepppe and Denise Greathouse were awarded a three-year grant from the National Science Foundation for a project entitled “Intrinsic Tilt of Transmembrane Helices,” beginning July 1, 2009.

On the Go
Rocky Mountain Conference on Analytical Chemistry
Snowmass, Colo. July 19-23
The following presentations will be presented at the symposia - Solid State NMR, Electron Paramagnetic Resonance and Analytical Methods.
Johanna M. Froyd-Rankenber will present a poster “Orientation of Single Anchored WALP Peptides within Lipid Membranes Established by Solid-State NMR Methods,” Johanna M. Froyd-Rankenber, Denise V. Greathouse and Roger E. Koepppe II.
Denise Greathouse will present a poster “Solid-state 2H NMR Analysis of Acylated Lactoferricin Peptides in Oriented Lipid Bilayers,” Denise V. Greathouse, Laura A. Bradney, Nicole McClelland and Vitaly V. Vostrikov.
Joshua Sakon will attend the following Gordon Research Conferences in July - Bone and Teeth at the University of New England, July 12-17 and GRC-Collagen at Colby-Sawyer College in New London, New Hampshire.

Spring 2009 Chancellor’s List
The following students made the list for earning a 4.0 GPA
Andrew Avery
William Bickell
Tammy Binz
Joshua Brown
Lindsey Brown
Carter Calef
Courtney Chandler
Samuel Dunn
Andreas Eiberweiser
Amir Francis
Whitney Gammill
Lauren Hall
Ross Harmon
Ali Haydar
Hannah Henson
Christina Hooten
David Hopkins
Isabelle Huber
Sigrid Johannesen
Emily Keen
Kevin Keen
Matthias Knust
Rodney LaGrone
Jacob Lavender
David Lee
Charles McClure
Jennifer McDowell
Rhys Moore
Marie Morris
Jacob Mott
Shannon Mumma
Jaime Nelson
Rosalba Ocampo
Devin O’Dea
Kellie Ong
Kyle Peterson
Mark Pickhardt
Leah Ramey
Miles Ritter
Kara Robertson
Jeffrey Roeser
Omar Salem
Matthew Sharum
John Sherrill
Ryan Shinabery
Kent Smith
Elizabeth Srader
Jessica Sutton
Nathan Tobey
Peter Tran
Daniel Vo
Jenny Wagner
Kirby Welston
Robert Wilkerson
David Williams

Bachelor of Arts
Lindsey Brown
Alexander Butler
Avery Cato
Amy Clothier
Brittany Goings
Sammantha Hicks
Lacey Jasan
Seth Klemman
Justin Peek
Jessica Preston

Bachelor of Science
Tammy Binz
Kyle Blair
Laura Bradney
Carter Calef
Hannah Duke
Jacqueline Duncan
Emily Edwards
Eric Flagg

Single Anchored WALP Peptides within Lipid Membranes Established by Solid-State NMR Methods,” Johanna M. Froyd-Rankenber, Denise V. Greathouse and Roger E. Koepppe II.

July Safety Tip
Sharps containers and hazardous waste should be removed in a timely manner. Containers filled to overflowing are not acceptable.
Student News

Hubbard Spends Summer in New Zealand

Graduate student Abigail Hubbard is spending eight weeks in New Zealand as part of the East Asia and Pacific Summer Institute (EAPSI) sponsored by the NSF.

The goals of the research fellowship program are to introduce U.S. graduate students to East Asia and Pacific science and engineering in the context of a research setting, and to help students initiate scientific relationships that will better enable future collaboration with foreign counterparts.

Selected students participate in research experiences at host laboratories in Australia, China, Japan, Korea, New Zealand, Singapore, or Taiwan.

Hubbard will work under the direction of Dr. Peter Steel at the University of Canterbury.

Her doctoral advisor is Bob Gawley. For more information on the program see http://www.nsfsi.org/

Avery NIH Fellow

Undergraduate Andrew Avery will spend the summer as an intern in the Summer Internship Program in Biomedical Research at the National Institutes of Health in the National Institute of Allergy and Infectious Disease, Laboratory of Immunology. He is working for Dr. Stefan Muljo, Chief of the Integrative Immunobiology Unit.

Avery is exploring protein-RNA interactions among a certain protein and group of micro RNAs that are highly involved in human development. His research goal is to crystallize the protein-RNA complex in order to determine the mechanism of specific binding. He is a student in the Kumar lab.

Study Abroad in Sweden

A team of students, mostly pre-med, pre-nursing and communication disorders, spent some of their summer in Sweden. The program compared how two health care systems, the United States and Sweden treat a disease. Sweden has a socialized medical system. This is the third year of this study abroad.

They spent two weeks at Jönköping University studying congestive heart failure. Then the students went to Stockholm where they gave medically related poster presentations at the Second International Interdisciplinary Conference on Perspectives and Limits of Dialogism in Mikhail Bahktin at Stockholm University. The conference included a reception with the mayor of Stockholm at Stockholm City Hall. The group also toured and listened to presentations at the Karolinska Institute (where the Nobel Prize for Medicine is determined).

Chemistry majors participating were Lauren Bland, Sara Camp, Hannah Henson, Matt Kern, Sigrid Johannesen and Nick Tinquist. Nell Allison was the faculty advisor.

Other participants

Biological sciences - Andrew Briggler, Tim Goodhart, Allyson Hammond, Mike Marchese, Matt Williams. Jeanne McLachlin was the faculty advisor.

Communication disorders - Mary Helen Sick and Abbie Wood. Fran Hagstrom was the faculty advisor.

Nursing - Nan Smith-Blair was the faculty advisor.

Other Study Abroad

- Lauren Hall spent summer session I doing study abroad in Italy.
- Nick Tinquist will spend summer session II doing study abroad in Spain.

Students in Summer Programs

- Christina Ragland was selected for the NSF REU on campus in the Center for Space and Planetary Sciences.
- Joshua Brown is participating in the Arkansas INBRE program at UAMS under Howard Hendrickson.

Students in the Lab

- Academic lab prep - Kimberly Schlief.
- Adams lab - Sarenthia McClelland, Omar Saleem and John Sherrill.
- Kumar lab - Melisa Bolanos, Katie Hamblin, Hannah Henson, Natalie White and Daniel Vo.
- McIntosh lab - Ryan Boswell, Jaime Nelson, Liz Srader, David Williams and Peter Wolfenberger.
Calendar of Events

July
23....................... REU research presentations and department lunch
27....................... Last day to drop a SSII course with a “W”
31....................... Deadline to submit dissertations to the Graduate School for August 2009 diploma.

August
07....................... Last day of SSII courses
07....................... Last day to officially withdraw from all SSII courses.
19-28 ................. Open registration for fall 2009
24....................... Fall classes begin
28....................... Last day to register for a full semester course

New University of Arkansas Logo
The university has a new logo designed to provide a consistent image throughout the various colleges, departments and units.
After current supplies are depleted, the new logo will appear on department letterhead, envelopes, business cards, etc.
The logo can vary in size, but cannot be altered, modified or overprinted, and no conflicting logos should be used.
Only official, approved colors may be used with the University of Arkansas symbols.
The university seal should only be used on official or ceremonial documents, and only in a single color. It should not be used in marketing or promotional publications.
The Razorback is the spirit symbol of the university, and is not to be used for academic or general promotional purposes.
Approved logos are available on the department Blackboard site for use on posters and presentations.
For information and guidelines about use of the new logo or the wordmark, go to logo.uark.edu

REU Poster Presentations and Department Luncheon
The REU students will make poster presentations of their research Thursday, July 23 from 10 a.m. to noon in the Harrison Hale Lounge (CHEM 220).
A department luncheon to celebrate the students will be at noon in CHEM 105 and the administrative area.

July Birthdays
01........Roger Koepppe
10........Mack Clements
15........Aaron Beuterbaugh
20........Josh Sakon
24........Anupama Aggarwal
27........Anna Daily
29........Marv Leister

Library Hours
Chemistry and Biochemistry
Monday-Thursday......8 a.m. to 6 p.m.
Friday .........................8 a.m. to 5 p.m.
Saturday .....................CLOSED
Sunday........................CLOSED
Fall hours begin August 24
http://libinfo.uark.edu/chemistry/

The department of chemistry and biochemistry at the University of Arkansas strives for excellence in research, teaching and service in chemistry—the central science.
We aspire to positions of leadership regarding the discovery of new scientific knowledge, the training of students, and the economic development of the State of Arkansas.
We seek to recruit and retain a diverse group of the best faculty, students and staff to address the challenges of the future through interdisciplinary and multidisciplinary research and education.