

## Class Acts

### CLASS OF 1937

**Wylma Woolard**, Charlotte, N.C., taught in a North Carolina high school for one year before she received a degree in Library Science from U.N.C. Chapel Hill. She retired in 1989 from a career including work in Germany as a librarian for special services with the U.S. Army and director of media services for dependent schools. She later served as an educational consultant for World Book Encyclopedia and functioned as a media specialist for a Charlotte high school. Woolard is a member of Delta Kappa Gamma.

### CLASS OF 1951

**Betty Jean Condrey Appleby**, Franklin, Va., married "Smoky" Appleby of Texas. Retired and "enjoying the good life," the couple has 4 grandchildren. Appleby reports that her two sisters, Polly Condrey Cook and Alice Condrey, both retired, are former Chowan graduates as well.

### CLASS OF 1955

**Jean Carol Parker Salter**, Stella, N.C., retired in 1994 after working for the federal government for 36 years. She is married to Edward R. Salter and will soon become a grandmother for the first time.

**Tommie Ruth Worrell Lehrschall**, Wilmington, N.C., completed her degree at Meredith, married

and had 2 children. She returned to college at Virginia Tech to obtain B.S. and M.S. degrees in horticulture. She has been living in Wilmington for 13 years where she is involved with her church as both secretary and organist. Recently retired, she looks forward to spending time with her granddaughter.

### CLASS OF 1958

**Clyde G. Morgan**, Elizabeth City, N.C., retired from Elizabeth City's Northeastern High School after teaching in the system for 32 years.

### CLASS OF 1959

**Willard "Bill" C. Meiggs, Jr.**, Chesapeake, Va., is the retired vice president and part-owner of Meiggs Bail Bond Service serving as a bail enforcement agent for over 20 years. He has also been vice president and part-owner of Meiggs ACE Hardware, Chesapeake, since 1973. Meiggs holds membership in the Virginia Historical Society, Deep Creek Volunteer Fire Dept., Lake Drummond Lodge #178, Cradock Royal Arch Chapter #72, Portsmouth Scottish Rite Bodies, Fayetteville Council #27 R & S.M., Khedive Temple, Portsmouth Commandery #5 and Chesapeake Shrine Club. He is a member of the National Press Photographer's Assn., Virginia News Photographers Assn., Chesapeake Kiwanis Club and Great Baptist Church where he has served as deacon. He and his wife, Carol, have 2 sons and 3 grandchildren.

### CLASS OF 1961

**Janice A. Stotesberry**, Pantego, N.C., retired last fall from the A.S.C.S. office (now Farm Services Agency) after 35 1/2 years to work for the family business known as Donald's Flying Service Inc. & Donald's Air Park Inc. Stotesberry notes that although she really "just changed jobs" she enjoys working with her husband and two sons.

### CLASS OF 1962

**Thomas "Tommy" P. Sprouse, Jr.**, Orlando, Fl., is a salesman for Collier Jaguar/Rolls-Royce of Orlando.

### CLASS OF 1963

**Jimmy Thad Hodges**, Washington, N.C., retired from teaching with the Beaufort County School System in July 1996.

**Frederick W. Mays**, Newport News, Va., was recognized as a local historian at the 100th anniversary of the City of Newport News in 1996. Covered by two television stations and The Daily Press, his acclaimed collection of local memorabilia was displayed for 2 months in Newport News. Mays is married to the former Patricia Andrews. They are the parents of son Erick and daughter Ansley, both students at Christopher Newport University.

**Donald "Don" Lee Mook**, Kinston, NC, is a business consultant and part-owner of PMI Services Group. His daughter attends East Carolina University.

### CLASS OF 1964

**Carolyn VanNess Dooley**, Quinton, Va., a teacher at Lee-Davis High School in Mechanicsville, Va., has taught in Hanover County for 28 years. She was recently selected to represent the State Department of Education during a two-week curriculum trip to Germany with Armonk Institute. Married for 32 years, Dooley has 2 daughters and 2 grandsons.

**Larry Harding Hunter**, McLeansville, Va., retired after teaching graphic art, commercial art and photography for 30 years. Hunter is staying busy with a seminary extension class, woodworking and church work. He is married to Martha Hunter.

### CLASS OF 1965

**John Bunch**, Henderson, N.C., finished his undergraduate work at Atlantic Christian College in 1967. After teaching school for 10 years, he entered the auto parts business. Bunch is president of Standard Motor Parts Co., Inc., a NAPA auto part store chain of 4 stores.

**Mary Slay Swindell Jackson**, Greenville, N.C., will complete 30 years of employment with East Carolina University in November.

### CLASS OF 1966

**Joan W. Reaves**, Free Union, Va., is employed as a WIC program planner for the Division of Chronic Disease Prevention/Nutrition, Virginia Dept. of Health. Reaves and her husband, Dudley, principal at Wm. Perry Elementary School in Waynesboro, are the parents of 19 year-old twins.

### CLASS OF 1967

**Emily Mustain Westbrook**, Henderson, N.C., is serving as a director of guidance at Northern Vance High School.

### CLASS OF 1968

**L. Dewite North**, McLean, Va., was promoted to assistant vice president in the deposit operations dept. of George Mason Bank, according to a recent article in The Centerville Times.

**Stanford "Stan" Vann**, Murfreesboro, N.C., won the Virginia State Championship, the Beech Mountain Hill Climb (SCCA time trials) and the Dureya Hill Climb in Clubford in 1996. His daughter, Heather '97, graduated from Chowan May 17 and married Jim Wilson of Ahoskie May 31. Son, John-Michael, graduated from Hertford County H.S. and has begun working in the family business.

### CLASS OF 1969

**Linda F. Jenkins**, Franklin, Va., has been employed by Moyler, Moyler, Rainey & Cobb in Franklin for 28 years as a certified professional secretary.

**Mary Jo Wilson Williams**, Chesapeake, Va., teaches first grade in the Chesapeake Public Schools and is mother to 2 teenage daughters and an 11 year old son. Her husband, O'Max Williams '68, is a former school teacher currently employed in the shipyard business.

### CLASS OF 1972

**Jerry Franklin Ballard**, Roswell, Ga., continued his education at James Madison College and served as a flight attendant with Eastern Airlines for 16 years. He is currently an e-mail product specialist for 9 states in the Southeast with BellSouth Cellular Inc. and a real estate agent for Harry Norman Realty in Atlanta, Ga. Ballard and his wife, Valerie Dizer Ballard, invite classmates to visit them at their summer home on Rackcliff Island in Spruce Head, Maine.

**Gary James Downey**, Smithfield, Va., received his B.S. degree from James Madison University in 1974. A state probation officer for the Commonwealth of Virginia for 22 years, Downey is married and has two children.

**Janet Freeman**, Williamston, N.C., teaches preschool at Memorial Baptist Preschool.

**Bruce Golembiewski**, Chesapeake, Va., is employed as a Public Works Center utility supervisor and recently opened an Aussie Outfitters store in Chesapeake Square Mall with his wife Lyn. Their motto is "If you wear out our clothes, we replace them forever."

**Charles H. Watson, Jr.**, Nags Head, N.C., serves as operations supervisor for Dare County Emergency Medical Services.

### CLASS OF 1973

**Phyllis Carr Johnson**, Chesapeake, Va., writes freelance copy for newspapers including The Virginian-Pilot and Beyerly Publications. With poetry and articles in various magazines and leaflets, she recently sold a feature story to Woman's World magazine and writes children's books with

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## Lightning Quick

# Technology speeds data collection, allows shared results for students

Employing a CBL (Calculator-Based Laboratory) and a colorimeter probe linked to a calculator, students in Chem 102L watched intently as 90 pairs of absorbance data, from the fading of Crystal Violet in a basic solution, was collected at high speed in a matter of minutes. Utilizing equipment to collect a data point every 2 seconds, students can study fleeting reactions that were previously much too difficult to study, especially for beginners, and realize the benefits of long-term data collection comparisons.

After linking information to the computer, students save data files to a shared directory on the campus network server. "When the student is ready to treat the data, it is a simple matter to access the shared directory, copy and paste data and perform immediate graphical tests to determine the relationship of the concentration of crystal violet to the speed of the reaction," explains Phyllis Dewar, associate professor of chemistry.

Dewar elaborates on the subject with excitement, "You'll recognize my prejudice. However, if a student were required to perform this experiment without technology, it would be necessary to write 180 pieces of data (90 data pairs) during the laboratory performance. After that, some decision would need to be made as to how the graph(s) should be done. With graphing software, data must be supplied somehow. Therefore, if the data was written on a sheet of paper, the likelihood is that the student would need to type the data into the computer, an error-inviting activity."

"More significantly, chemistry teachers have known for quite some time that undergraduates tend not to collect as much data as is really needed to see trends or relationships; a collection of ninety data pairs in a general chemistry course was almost unheard-of—until technology came along."

With data literally untouched by human hands, Dewar says, "Some would, no doubt, consider that sterile and very mechanical. However, my thinking is that ease in data collection and treatment gives the student more time to consider the chemical meaning of the data. I think that's very much the gist of a chemistry laboratory, not just collecting the data, but also thinking about what it means."

While other schools are collecting data with CBLs and graphing it with a calculator, Dewar is quick to point out the deficiencies of not utilizing a



Utilizing a CBL (Calculator-Based Laboratory) to collect absorbance data from the fading of Crystal Violet in a basic solution are (l-r) Ngenarr Goree-Ndiaye '00, Christina Washington '99 and Robin Whitfield '99.

shared network for results. "While I would not consider that a bad approach, there's no way to polish the output. It can be printed but it's very small. When the output is pasted into a full laboratory report, it's clearly clunky." "Perhaps more important, scientists are often interested in saving data over longer periods of time," she says. Noting that most experiments of any value are not finished during one laboratory period, she elaborates, "If the data is left in the calculator, the next user will probably erase it. Our collection, however, will be stored on our server. Therefore, we can have the privilege of comparing data over long periods of time—consider the comparison of an 1848 collection versus 1997. Putting all the data together, we might be plotting 1800 pieces of data instead of 180. Our shared directory allows almost unlimited options of treating data and considering the chemical meanings."