Converse Reunion 2005: Paint the World Purple

What would Reunion be without your presence?! This year Converse College extends a special welcome to classes ending in 0 and 5 (the Class of 2004, and the Golden Club (1930-1954) for Alumnae Reunion Weekend. Come join us for a fun-filled weekend at Converse.

It is time once again to come back and relive all the wonderful memories and traditions of Converse. You can reminisce, laugh, and visit until dawn. Bring your spouse or guest, lots of pictures, and all of your stories. It will be the best time you’ve had in a long time!

April 29–30, 2005
A New Era
In Science

BY DR. SHARON LAMBERT,
ASSOCIATE PROFESSOR OF CHEMISTRY AND CHAIR OF THE DEPARTMENT OF CHEMISTRY

I came to Converse College in the fall of 1973. Thirty-one years is a long time to spend at any one institution, but the combination of my colleagues, the students, and the excitement of teaching have held me here for that long. When I arrived, the Departments of Science and Math were housed in Kuhn Science Hall—a building that seemed to me modern and up-to-date compared to what I had been exposed to in graduate school and in my first teaching position. The Converse biology faculty included Bob Powell, Joe Ann Lever, and Jerry Cromer; Jerry Howe was in chemistry; and Phil Highsmith, Andy Howard, and George Speed made up the math and physics faculty. All, except Jerry Howe, have retired from Converse during my stay.

As would be expected of any science field, the curriculum of the departments—as well as the methods we use to teach them—has evolved greatly over the last 31 years. As technology has advanced, our knowledge base has increased, and the methods we use to teach have changed. Our students’ evolving perceptions of themselves and their abilities have greatly affected their approach to science as a career path. When I first came to Converse, only a few students thought of life-long careers in the sciences. While some knew they would need to get a job after college, most did not think of these jobs as long-term careers. But the women’s movement helped our students to realize that they could engage in science as a career as opposed to just a job, and we began to see greater interest in graduate schools, pharmacy schools, and medical schools. Today, our students know they can compete successfully with men in the science fields, and that women’s colleges give them an important edge in developing the confidence as well as the skill set to do so.

The use of technology in the classroom and laboratory has also been a key part of the evolution of science at Converse. My definition of technology goes far beyond the bells and whistles of computers, although computers have certainly changed our teaching methods. I refer to the instrumentation that is so much a part of the science curriculum today. When I first began teaching at Converse, the Department of Chemistry had minimal instrumentation of a very basic nature. Now we have four rooms in Phifer Science Hall dedicated to instruments that we utilize in every one of our courses. Teaching methods in chemistry and biology have become very high-tech, and the College has supported our efforts through the years to improve our technology.

Yet another change has been in our curriculum and teaching methods. The explosion of science knowledge over the last 31 years has been incredible, and we have had to move with the times in our courses. When I came to Converse in 1973, the Department of Chemistry offered only three courses with laboratories: general chemistry, organic chemistry, and analytical chemistry. The advancement of technology and the realization that laboratory in upper-level courses was necessary for the education of our students caused us to add laboratory components to all but a few of our courses. At the same time, we have become more aware of the need to integrate lecture and laboratory, and to provide opportunities for our students to work in group activities.

Without a doubt, it is the construction of Phifer Science Hall that has had the greatest impact upon the sciences during my tenure at Converse. We, the biology and chemistry faculty, were greatly involved in the design of the building from the beginning. This was significant because the blue prints for the building embraced the changes that have occurred in teaching our disciplines. We began moving into the building during the second week of June and began teaching in it on August 31. Even in this short time period we have come to appreciate so many features about the building. The soaring lobbies with their impressive art collection sets the tone, emphasizing the grandeur of the space. The light that comes into the building through the external laboratory windows penetrates into the hallways through windows in the internal walls, and provides a bright and airy space that is very conducive to learning. The list of amenities is long and includes a greenhouse, prep rooms, instrument rooms that are no longer cramped and dark, soundproofing, and hoods in the organic lab. The open interiors of the laboratories provide a much-improved teaching space. The latest in technology and the design of the labs allow us to teach both classes and laboratories in our lab space—the way science should be taught.

When I was a high school senior looking at a variety of colleges, one of my father’s colleagues suggested that I look at Randolph-Macon College in Virginia where his daughter was a student. All of the other colleges I was interested in were co-ed. I knew, even then, that chemistry was my field of choice, and as I visited colleges I would ask about their chemistry program. I ended up at Randolph-Macon because it was the only institution I visited that did not say to me, “We don’t have many girls who major in chemistry.” I found encouragement there at a time (the early 1960s) when most women did not go into non-traditional areas of study. I still believe deeply in the importance of women’s colleges today—not only because they provide an environment of community for women where they can build their self-confidence, but also because they are still encouraging women to succeed in the sciences. Even today in our enlightened world, more women major in the sciences at women’s colleges than at co-ed institutions, and these women continue their education at graduate and professional programs in larger numbers.

As I look to the future of the sciences at Converse, one that will see me here for only a short period longer, I see growth, excitement, quality education, and dedication to our students and our programs.
Converse students are studying the natural sciences in a new $10.6 million technology-packed science building. The 36,000-square-foot Phifer Science Hall will help Converse gain a competitive edge in the niche market that women’s colleges have created in science. Although traditionally a male-dominated field, students at women’s colleges major in science, continue toward doctorates in science, and pursue careers in science at nearly twice the rate of women at coeducational institutions.

Converse teaches women that they can be and do anything they aspire to do. Phifer Science Hall gives them tools for educational training that will put them on the forefront of science careers in today’s competitive job market.

GATHERING TO CELEBRATE SCIENCE

Converse celebrated the dedication of Phifer Science Hall on September 14, 2004, with nearly 500 people in attendance. Guests toured the facility following the dedication ceremony, browsing through rooms hosted by Converse science students and faculty who explained how each room and its technology are used.

The day-long celebration of the arts and sciences continued with the College’s Formal Opening Convocation. The afternoon featured a presentation on art and sculpture by Elliot Offner, past president of the National Sculpture Society, followed by the dedication of his statue of the first professional woman astronomer in the United States, Maria Mitchell, which stands beside Phifer Hall. A panel discussion on women in science was presented by Dr. Tara Sturdivant ’85, a biology major who is now a family physician and president of the Knoxville Academy of Medicine; Sandra Beason Watson ’79, a chemistry major who is manager of environmental affairs for Southern Wood Piedmont; Dr. Nancy Phifer ’72, an English major who is clinical assistant professor of medicine for the Internal Medicine Residency Program of the UNC School of Medicine; and Dr. Karen Abele DeVore ’84, a chemistry major who now has her own dermatology practice and was named 2002 Spartanburg Career Woman of the Year.

George Dean Johnson challenges students and faculty to make the most of Phifer Science Hall during the building’s dedication ceremony.
The design of science

The process of building Phifer Science Hall began in 2000 as Converse officials visited science buildings at colleges across the country to gather ideas. A national call for architectural proposals was initiated, and the job was awarded to Jenkins-Peer Architects in Charlotte, NC. The firm has designed science buildings for North Carolina State University, Davidson College, Appalachian State University, and Elon University. Architects at Jenkins-Peer teamed with laboratory designers at Earl Walls Associates in San Diego, CA.

“Science education is moving away from the traditional notion of individual experiments towards a team approach,” said Benjamin Benson, senior associate with Jenkins-Peer. “In the professional world, most scientists work in a collaborative setting, and that’s an environment we’ve mirrored for Converse students in Phifer Science Hall. Each lab table is designed to accommodate four people, and we also incorporated gathering spaces in hallways and lobbies so that students and faculty can brainstorm together in a comfortable setting.”

Dr. David Moody, president of Milliken Research at Milliken & Company in Spartanburg, also emphasized the importance of collaboration in scientific research. “Today, very few scientists work by themselves,” he said. “If students are taught to work in a collaborative environment during college, they will be better prepared to enter the professional world upon graduation. We are excited to see that Converse is taking this approach to science education.”

While the interior of Phifer Science Hall was designed to house the latest in laboratory and audio-visual equipment, the exterior was designed to blend with the traditional look of the Converse campus. “Before we began our designs,” said Benson, “we spent a great deal of time in Wilson Hall studying the lobby and the stairwells. Our goal was to build the most modern science building we could while still reinforcing the classic look that is Converse.”

Phifer wins design award

The intense design process led to a beautiful facility that has already been recognized for its architectural excellence. The Spartanburg City Planning Commission selected Phifer Science Hall as a recipient of their 2005 Excellence in Design Awards for the category of Architecture/New Construction (Institutional). The award was presented during the annual awards ceremony in February.

For the upper (pictured) and lower lobbies of Phifer Science Hall contain works by Southern women artists as well as comfortable gathering spaces for students.

(left) A statue of Maria Mitchell, who is credited as the first professional woman astronomer in the United States, stands outside the entrance to Phifer. The piece is one of five bronze statues, featuring prominent women in history, that are being installed on the Converse campus: “Before we began our designs,” said Benson, “we spent a great deal of time in Wilson Hall studying the lobby and the stairwells. Our goal was to build the most modern science building we could while still reinforcing the classic look that is Converse.”

Beautification of the grounds surrounding Phifer was an integral part of the design process. The Susu Phifer Johnson ‘65 Fountain is located on the front lawn, offering an inviting welcome to those entering the facility or passing by on Pine Street. An anonymous Spartanburg family designed and donated the fountain in honor of Johnson’s love for and generosity to Converse College and the Spartanburg community.
As Kuhn laboratories were dismantled, Converse found excellent use for the old lab furnishings. Dr. Jerry Howe, professor of chemistry, suggested that Converse send the equipment to the Christian Center of Education for Development (CCED) in San Juan de la Maguana, Dominican Republic, where he helped construct a four-classroom addition in 2002.

The K-12 school is a concrete block building built in 1995 by church volunteers, many of whom are from Spartanburg. It serves just over 1,000 from the barrios (slums) of San Juan. The school does not always have electricity because the town’s power supply is primitive. Converse’s lab equipment will be placed in a large classroom that currently houses the small amount of science equipment that the school has. Once complete, the room will be the best-equipped science lab in the region.

“Our mission is to change lives,” said José Ramon Rodriguez, director of the school. “In order to do so, it is very important to teach science in a proper laboratory. When I took biology in high school, all that the teacher had was a laminated poster of the human body. The first time I saw a microscope was my second year at the university. Imagine what we will be able to teach the students with this new equipment!”

Students from the city’s three universities will be able to come to the school in the afternoons to use the facilities. Science is not widely known there, and none of the universities offer a degree in science. It is expected that 700 students will study there each week.

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Phifer Science Hall

Thirty-five years after the dedication of Kuhn Hall, rapid advances in technology and computer science created a need, once again, to update Converse’s science facilities. Phifer Science Hall was constructed in response to this need, ensuring that Converse students will continue to excel in the sciences.

Judd Science Hall

As Converse grew, the need for a purpose-built science hall increased. St. John’s Chapel was demolished in order to construct a new science building on the same site in 1915. Judd Hall had an observatory in the top of the central tower.

By the 1940s, the stringent science requirements of the 1890s had been reduced. For graduation, students had to take two sciences and two math courses. In the 1950s, the two areas were joined together and students were required to choose four courses from science and math.

St. John’s Chapel

In 1889, when the Founders acquired the St. John’s Seminary property that was to be the site for Converse College, a little chapel was the only completed building. Since an ample chapel was constructed on the second floor of Main Hall, St. John’s Chapel was used as a science laboratory. From the beginning of the College, it was a priority that women be taught science. Physics and botany were required in the sophomore year; chemistry and zoology in the junior year; astronomy, geology, and mineralogy in the senior year.

Aline Saunders West

Converse’s science program has benefited from the long tenure of many dedicated faculty members. One of these was Aline Saunders West, who taught from 1930 to 1967. Although her primary area was chemistry, she sometimes taught physics as well.

Robert Powell

Another long-term member of the science faculty, who taught in both Judd and Kuhn Halls, was Robert W. Powell. A member of the Department of Biology from 1963 to 1995, he was known by the students as “Botany Bob.” Anyone contemplating cutting down a tree on campus found it wise to check with him first.

Kuhn Science Hall

Enrollment at Converse grew rapidly in the 1980s. While the number of students was increasing, Judd Science Hall was becoming outdated. In October 1967, Kuhn Science Hall opened for occupancy. The new building was named in honor of Willis E. Kuhn and Jacquelyn Montague Kuhn, benefactors of the College and members of the Board of Trustees. Judd Hall was demolished in 1981. Today, there is a statue of Emily Dickinson on the site.
Every autumn, we observe an amazing biological event: tree leaves turn brilliant colors and are shed by the millions. The following spring, these trees will grow new leaves, only to shed them again after a few months of use. Trees that do this are called deciduous. In contrast, evergreen trees also drop their leaves, but not all at once, and whether there is an advantage to one or the other.

Everyone knows that trees lose their leaves in the fall before winter arrives, and the typical assumption is that leaves are dropped in response to the cold. However, this is only part of the answer. If we took a trip that started at the equator and traveled north through the arctic tundra, where trees end, we would see an interesting pattern. In the equatorial rain forests, we would find few, if any, deciduous trees. As we moved north, we would see the numbers of deciduous trees increasing until they become dominant in the forests of Georgia and the Carolinas. In Pennsylvania and New York, we would see few evergreen species, but north of the Great Lakes in the boreal forests of southern Canada, evergreens would comprise around 95% of the forest. If we traveled around the equator to tropical wet-dry forests, we would see many deciduous trees there as well. Obviously, colder climates are not the only controlling factor in making trees deciduous.

Several aspects of deciduous and evergreen lifestyles must be taken into consideration to answer the question of why some trees drop their leaves and others do not. Borrowing from the field of economics, my evolutionary biology and ecology students sometimes use the practice of weighing costs and benefits to explore why organisms might use one strategy over another. We make a list of the costs and benefits associated with each strategy and consider how they apply to a specific environment. Although the principles of weighing costs and benefits are the same in economics and biology, there are two important differences that we must keep in mind. In economic situations, we assume that rational human beings make the choices, while in the biological world, organisms do not have that capability. Secondly, in economics costs and benefits are usually measured in terms of tangible goods or money; while in biology they are in terms of survival and reproduction. In other words, the costs and benefits of an ecological strategy are played out by the evolutionary advantages they give to organisms and increased reproduction by those organisms.

When my classes apply cost-benefit analysis to the problem of evergreen/deciduous trees, I point out that the advantage of being evergreen is obvious: leaves gather sunlight energy for growth, and evergreen trees can use their leaves for a longer period of time than deciduous trees. A cost for deciduous trees is that they must expend energy at the beginning of each growing season to remake their entire cover of leaves. Also, deciduous trees that live in low fertility soils run the risk that other plants might deplete the soil of nutrients, leaving them unable to make leaves. Being evergreen is thus more efficient in this context.

The costs associated with being evergreen are a little less obvious, but my students sometimes figure them out with a little prodding. Water evaporates from evergreen tree crowns during dry seasons, and deciduous trees drop their leaves and seal the wound with cork tissue to reduce any water loss during dry seasons. All trees face the risk of breakage from ice and snow during winter storms, which reduces life spans and reproduction. A good way to avoid accumulating ice and snow is to be deciduous.

So how does this cost and benefit analysis explain the numbers of deciduous and evergreen trees in different climates? Tropical rain forests provide trees with plenty of water throughout the year, and they have no snow, so there is no advantage to drop leaves regularly. In tropical wet-dry forests, the seasonal drought makes it important for trees to drop leaves and conserve water. Therefore, deciduous trees are out-competed in tropical rainforests, as are evergreen trees in wet-dry forests.

As we travel north from the equator, the risk of ice and snow damage gradually increases, and it parallels an increase in the frequency of deciduous trees. At this point, my students would see a problem with the model: the trees with the greatest risk of snow damage are the evergreen trees in the boreal forest of Canada, where we find the greatest amount of snowfall. They have seen that when we have ice storms here in Spartanburg, the pine trees are hit hardest, and the boreal forest trees are very much like our pines. My response to them has two parts. First, the trees in the boreal forest are not the same as South Carolina pines. Boreal forest evergreens are mostly spruces and firs. Pines usually have an open rounded crown that catches snow well. Spruces and firs are cone-shaped, which tends to shed snow, reducing the risk of damage. Incidentally, the cone shapes are also why we like firs for Christmas trees. The other piece of the answer has to do with the length of the growing season. While the Carolinas have several months of growing season, the trees in northern forests may have only a few weeks to grow. Deciduous trees in the north would use much of the short growing season just to make their leaves, while the evergreens would have use of their leaves for photosynthesis and growth any time the temperature is warm enough.

Cost-benefit analysis appears to work well for this problem in biology, but it isn’t perfect. For example, even if they had the capacity to know where to grow trees could not walk to the best habitat; they must disperse to those places by fruits and seeds. Whether those environments have the organisms that can live there depends on how organisms travel, where they evolved, and chance. Still other questions may not even involve costs and benefits at all. A great example of this is the changing colors of leaves in the fall. For example, although we know how leaves turn color in the autumn, we still cannot definitively argue whether there is any benefit to doing so.

Outlook:

Chemoprevention of Breast Cancer

By Dr. Nianyi Chen, Assistant Professor of Biology

Today, a blood sample can sometimes forecast a person’s risk of heart disease. Once forewarned, the person may simply need to take cholesterol-lowering drugs or a daily baby aspirin to curb the threat. In the future, a simple finger poke could reveal that is needed to identify individuals who are in high risk of cancers.

Cancer is a deadly disease, but it is a disease that requires accumulation of multiple changes in the body during a long period of time before reaching an often irreversible stage when chemotherapy is the only medicine that can help. In recent years, more and more research effort has been shifted to finding ways to stop or even reverse the disease process before it enters this irreversible stage. Taking preventive measures or “chemoprevention” is considered launching a preemptive war on cancer.

Chemoprevention of Breast Cancer is a complex syndrome caused by multiple factors. Because of its complex nature, the causes are still elusive, which present challenges to designing effective preventive strategy. At the moment, a complete “chemoprevention” strategy—the use of a natural or synthetic substance to reduce the risk of developing cancer—is one goal that researchers are following.

According to the National Cancer Institute, at least four classes of chemopreventive agents have been designed and have yielded encouraging clinical figures. These agents include selective estrogen receptor modulators (SERMs); retinoids (derivatives of vitamin A), nonsteroidal anti-inflammatory drugs (NSAIDs), and calcium compounds. For breast cancer, SERMs are especially effective.

Tamoxifen, an estrogen blocker or a representative of SERM, is currently the front-line drug to prevent breast cancer. Scientists believe that tamoxifen can enter cells, encounter an estrogen receptor, bind to it, and activate genes that cause cell-suicide. A significant study has shown that tamoxifen lowers the risk of breast cancer in women who are at high risk for breast cancer. The downside of using tamoxifen is that the cancer therapeutic/preventive effect occurs only in breast cells that have high levels of estrogen receptors (estrogen-receptor positive). This is unfortunate because, according to a current estimate, approximately 50% of human breast cancers are estrogen-receptor negative.

For the patients who are estrogen-receptor negative, human prolactin (a lactating hormone) may play an important role in triggering breast cancer. A recently investigated prolactin antagonist (blocker) has shown promising therapeutic/preventive effects in experimental animals when combined with tamoxifen.

Although cancer is currently a deadly disease, with better understanding of its mechanism, it will eventually become a curable and even preventable disease.
Biologists Track Parasite in South Carolina Deer

BY DR. EDNA STEELE, ASSOCIATE PROFESSOR OF BIOLOGY

Deer are an important resource in South Carolina, but their abundance causes problems in certain areas. They can become garden pests and are commonly involved in deer-vehicle collisions. More significantly, deer often serve as natural hosts for many parasites such as Fascioloides magna, which is referred to as the giant liver fluke and reaches nearly 9 cm in length. Flukes are easily introduced into new areas when deer and other animals share the same pasture.

Since 2002, my parasitology and zoology students have been studying the prevalence of deer liver fluke infection in Spartanburg, Union, and Cherokee counties in South Carolina. It was through this research that Converse biology major Gretchen Williams ’04 was named as outstanding undergraduate female science student by the South Carolina Academy of Science. In 2003, we extended our study to other counties in coordination with the South Carolina Department of Natural Resources.

At one time, the Texas cattle industry suffered substantial loss because of the liver fluke. In high-density locations, flukes are easily introduced into new areas when deer and other animals share the same pasture.

To date, my students have examined 567 deer livers (from 2002-2004) in the state of South Carolina and found the prevalence (percent of deer infected) to be 11%, and the intensity of infection (average number in infected livers) is 7.5 flukes. There is no significant correlation with the age and sex of deer. We found infection in 19 counties (Aiken, Barnwell, Calhoun, Cherokee, Chester, Clarendon, Greenville, Greenwood, Georgetown, Hampton, Lancaster, Laurens, Marion,

McCormick, Newberry, Richland, Saluda, Spartanburg, and Union). Our reports of infection in Calhoun, Greenwood, Greenville, Lancaster, Marion, Richland, and Saluda were the first for these counties.

According to Charles Ruth, deer project supervisor of the South Carolina Department of Natural Resources, the effects of deer liver flukes in cattle and sheep are not significant enough to be a problem. The changes can mostly be seen in the area of air and water quality. Areas such as water and waste have fairly established regulations, the area with which I have the most experience. “Areas such as water and waste have finely established regulations. The changes can mostly be seen in the area of air and water quality. Areas such as water and waste have fairly established regulations,” she says. “One, I wanted to go to a smaller school that I felt I could make it in the competitive world of industry.”

I am responsible for all annual environmental reporting that is sent to the federal and state governments, and for the maintenance of material safety data sheets for all raw materials and finished goods for the plant,” said Kathy: “I have responsibility for compliance with all air, stormwater, and waste regulations at the plant. In the area of waste, I am responsible for making sure that all waste material is in an appropriate container, properly labeled, stored, and shipped. I also head up the recycling process for the plant which means that I track the number of pounds of solid waste that we send out for recycling and that I promote recycling of all waste materials whether it is waste paper or construction debris.”

When Kathy graduated from Converse she knew that she wanted to apply her education on a broad level. “I started out in the Process Improvement Department at Milliken, which involved tracking for the Environmental Department,” she explains. “As I interacted with this area, I became very interested in it and felt it was not only a way to apply my knowledge but also a way to make a difference. We other things in the news about pollution and landfills filling up. I felt that this was a way for me to take an active part in preventing this from happening. Plus, Milliken and Company is a strong supporter of the environment and takes protecting the environment and promoting awareness seriously.”

While environmental chemistry is not exactly a new field, there are aspects of it which are receiving increased emphasis. “I think environmental awareness grows every day,” said Kathy: “Areas such as water and waste have fairly established regulations. The changes can mostly be seen in the area of air and water quality, the area with which I have the most experience. The federal government is promulgating new regulations that apply to different types of industry. There is always something new to learn.”

Before transferring to Converse, Kathy was a student at the College of Charleston. “I was attracted to Converse for several reasons,” she says. “One, I wanted to go to a smaller school where I could form closer relationships with my peers and professors. My first day of class I walked into physical chemistry and I think there were about eight people in the class as opposed to 40-50 in my classes in Charleston. I was shocked at first but thrilled at the same time to know that I would know everyone’s names by the end of the week and the professor would know who I am. Two, I wanted more hands-on experience with running experiments and getting to use different equipment. Not only did I get the experience of using it, but I learned how it worked and why it was important in certain situations. Third, the atmosphere at Converse was very inviting. The campus was beautiful, everyone was very friendly, and they made me feel at home.

“Converse was truly the best decision I could have made during college. It is hard to pick one thing that prepared me most for my career. The hands on experience in the Department of Chemistry gave me the skills I needed to be competent and excel in my job. The support I received from my peers and the faculty gave me the confidence I needed to be successful and feel like I could make it in the competitive world of industry.”
A Life of Service Through Science

BY DR. TARA STURDIVANT ’85

About the author: Dr. Tara LeWynn Sturdivant graduated from Converse College in 1985 with a BA in biology. After leaving Converse, she attended the University of Mississippi School of Medicine, graduating in 1990. She currently serves as medical director for the Interfaith Health Clinic, a non-profit medical agency serving the low income, working uninsured in Knoxville, TN.

As a rising junior at Converse, I made one of several commitments that would direct my future towards a career in healthcare: the monumental step of declaring my major in biology. I made this commitment under some duress as the time had arrived when I would have to begin upper level courses in something I was also dismayed at the number of people still live a very isolated existence. In the hollows and mountains, where people still live a very isolated existence.

Our patient population was 95 percent Tennessean, or Medicaid. Appalachian culture is quite distinct and just as rich as that of the Deep South, where I was raised. The fact that I was the first female physician in this small town was really lost on me until I hired my nurse practitioner. Michael was a former emergency department nurse manager with over 20 years of experience in a busy urban hospital in Florida. He and his wife had moved to Tennessee after he completed a master’s program in nursing. He had a Yankee accent that made folks a little wary at first. But his kindness and warmth always won people over.

After an exciting summer in Washington working for Senator Strom Thurmond, an experience I credit to the late Dr. Sanford Newell (my former French professor and a previous chair of the South Carolina Republican Party), I determined with some conviction that a career in government was not for me, as I had once thought. After a year of zoology as a sophomore, I found the study of living things intriguing and the intersection between a love of science, a deep fascination with people and their choices, my personal religious faith, and the needs of the world.

Our patients were very respectful and always seemed to really value the experience of seeing us. Patients would frequently bring in some of their produce as a gesture of gratefulness. This could include fresh turnips, onions, tomatoes, squash, ramps, or pokeweed. These sincere expressions of gratitude were endearing, and memories of those days continue to warm my heart when I reflect on them.

I was troubled to learn of the pervasiveness of incest that occurs back in the hollows and mountains, where people still live a very isolated existence. It was also dismayed at the number of patients I served who were my age and illiterate. It was not unusual for a young person to have quit school after the 8th or 9th grade. I could never figure out how they stayed in school that long without being able to read or write.

For the two years I worked there, I lived alone in a small stone house in the country. Although Cocke County has quite a reputation as a dangerous place for the uninstructed—a scene from the movie “Deliverance” was filmed nearby—I never felt threatened or afraid. I believe the locals knew my mission and were appreciative, if not protective.

With each added administrative responsibility I became further removed from what had originally drawn me to my training and profession—direct patient care and personal relationships with the people whose lives I was impacting. Ultimately, this factor weighed the heaviest in my decision to leave the public health arena and accept the new position as medical director of a non-profit agency that provides primary care health for the low income, working uninsured of our area. Many of our patients work in the fast food industry or landscaping. They work for small business owners who are unable to afford health insurance coverage for their employees. We provide dental, behavioral health, and medical services in addition to primary medical care on site, seeing approximately 50-60 patients in 8 hours a day. Although we are not able to treat all of our uninsured patients, there is always more need than resources.

As director of the adult clinic, I had administrative responsibility for two other physicians and four nurse practitioners. Our patient population included the homeless and indigent according to federal poverty guidelines. Roughly two out of three patients had a substance abuse issue and/or a mood disorder that caused a significant degree of impairment.
**Converse All-Stars Seek the Highest Bidder**

Sports memorabilia, vacations, dinners, and much more will go to the highest bidders during the upcoming Converse All-Stars Silent Auction during the annual Thousand Thanks Donor Gala on April 21 and during Reunion Weekend on April 29. All proceeds raised through the auction will support the All-Stars athletic program.

“The auction is our major athletic fundraiser for the year,” said Margaret Moore, director of intercollegiate athletics, chair of physical education, and associate professor of physical education. “Last year, we raised approximately $10,000 which enabled our players to compete against teams in more distant places. Our volleyball team traveled to San Juan, Puerto Rico, in October to play against some of their top teams—a trip that was made possible solely by funds raised through the auction.”

Among the items auctioned last year were a football signed by Carolina Panthers running back Stephen Davis, a football autographed by the entire Atlanta Falcons football team, various vacation packages including a trip to Universal Studios in Florida and a trip to Myrtle Beach, and items from the Department of Art and Design. Items to be auctioned will be on display in Wilson Hall on April 21st during the donor gala as well as the morning of the 22nd, and the auction will continue in the main gym of The Wensiger Center on April 29th during the Reunion All-Class Cocktail Party and BBQ.

“Last year, alumnae supported our auction fabulously; not only in bidding on items but also in donating items to be auctioned,” said Margaret. Alumnae willing to donate items to be auctioned, auction fabulously; not only in bidding on items but also in donating items to be auctioned, said Margaret. Alumnae willing to donate items for the auction should contact Margaret Moore, director of intercollegiate athletics.

As of Fall Term 2005, the long-awaited renovation of Montgomery Student Activities Building will make it the place for Converse students to be. The $5.5 million project, part of Converse’s campus master plan, began in fall 2004. Built in 1960, Montgomery needed an overhaul in order to meet the needs of today’s students. “A student center should help build community on campus. It should be a hub for activity and student life, with amenities that draw students and make them feel that this is ‘their’ place,” said Haven Hart, dean of students.

The renovated Montgomery will house a cyber café, an improved bookstore, a fitness center, the new Marsha Gibbs Chapel, and inviting spaces for students to gather and socialize. Also, there will be a multipurpose room for larger dinners, dances, and meetings and several new meeting and conference rooms. The building will also contain renovated office space for Campus Life, Career Services and the Converse Mail Room; and new office space for the Student Government Association, yearbook staff, student newspaper staff, and other student organizations.

“Thanks to construction of The Sally Alnery Rose Physical Activity Complex, we are able to transform the old Montgomery gym into much-needed meeting space for faculty, staff, and students,” said Hart.

Converse students are ready for the renovations to be completed. “There has been a noticeable void felt among the students with the renovations going on. They are very enthusiastic about the reopening of Montgomery so that they may have an enhanced space for meetings, a place to gather and hang out with friends,” Hart said.

The building has already generated significant support from the Montgomery family and others who believe strongly in the need for newly-designed student space. Donors who wish to support the renovation effort may name rooms or areas in the renovated Montgomery Building for a minimum commitment of $25,000. For more information, contact Heather Patchett, vice president for institutional advancement, at (864) 596-0018 or heather.patchett@converse.edu.

**A Nurturing Environment Helps Converse Students Succeed**

There are many pivotal time periods in life, and living on a college campus is one of them. For most first-year students, the familiar comforts of home are suddenly miles away as students experience independent living for the first time in their lives. Students identify issues before they become serious.

Dr. Carol Epps and counselor Heidi Moss offer a wide variety of services, including depression assistance, academic course management, stress issues, and adjustment counseling. “Adjustment counseling is especially important for our freshmen and seniors,” said Epps. “While freshmen need assistance with their new home away from home, seniors need assistance preparing to leave their Converse family.”

**Montgomery Renovation: Creating A Hub for Activity and Life**

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Converse’s Greatest Fundraiser Receives Honor

On November 18, 2004, Converse College Trustee and Spartanburg Mayor Bill Barnet was recognized as Outstanding Volunteer Fundraiser by the Upstate chapter of the Association of Fund Raising Professionals (AFP). AFP represents 26,000 members in 172 chapters in the United States, Canada, Mexico, and China working to advance philanthropy through advocacy, research, education, and certification programs.

Barnet was nominated for the award by former Converse College President Nancy Gray. “Bill is a remarkable volunteer in every respect,” she said. “He is a successful businessman, the mayor of Spartanburg, a committed father and husband, and Converse College’s most dedicated volunteer fundraiser. This is particularly remarkable given that Bill has no family ties to Converse alumnae or faculty. Very simply, he is committed to Converse because of the value it brings to the Spartanburg community.”

Barnet’s unwavering focus on goals has been invaluable in advancing fundraising at Converse. His extensive business and personal relationships, his willingness to spend the time getting to know prospective donors, his sense of timing, and his ability to bring the right people together for a solicitation have created a successful track record and high expectations for the future. The Board of Trustees honored Barnet in September 2003 by naming the institutional advancement offices as “The Barnet Development Center” in honor of his tremendous impact.

Barnet is one of Converse’s longest serving members of the Board of Trustees, having joined the Board in 1988 and served as chairman from 1996-1999. He has also chaired the Board’s development committee for many years. With an undaunted development office and only a few other committed volunteers, he chaired “The Campaign for Converse: Building for the Future,” the College’s most successful capital campaign to date. Although 56% of Converse alumnae made a gift in The Campaign for Converse, he wants to involve every alumna in giving back to their alma mater.

In addition to his work at Converse, Barnet is active in fundraising for Dartmouth College, his alma mater, and serves on the boards of Bank of America, the Palmetto Business Forum, the ETV Endowment, Brookgreen Gardens, and the Palmetto Institute Board. He is chairman of William Barnet & Sons, Inc. and CEO of The Barnet Company and Barnet Development Company.

Great American Women Inspire Converse Students

Statues of famous American scientist Maria Mitchell (1818-1889) and poet Emily Dickinson (1830-1886) arrived on the Converse campus during Fall Term 2004. These are the latest in a series of five figurative works depicting prominent women in American history to be permanently displayed around the campus. The anonymous donor hopes the statues will provide daily inspiration for Converse students to follow their dreams and achieve greatness.

Maria Mitchell, sculpted by Elliot Offner, stands beside Phifer Science Hall. Jane DeDecker’s statue of Emily Dickinson is positioned in front of Carmichael Hall. A statue of American-born artist Mary Cassatt by renowned sculptor Richard McDermott Miller was the first statue in the series, and was placed beside Milliken Fine Arts Building last spring.

Maria Mitchell was the first person-male or female-appointed to the Vassar College faculty (1865), and was arguably the most famous American scientist of the 19th century. In 1847 she discovered a comet, which was named for her, and was subsequently awarded a gold medal by the King of Denmark. She was the first woman appointed to the Academy of Arts and Sciences (1848), the first woman named to the Association for the Advancement of Science (1851), the first woman to become an astronomy professor in the United States (1865) and the first woman elected to the American Philosophical Society (1869).

Sculpture artist Elliot Offner is past president of the National Sculpture Society, and has worked in numerous public collections, including the Hirshhorn Museum and Sculpture Garden, the Brooklyn Museum, and the Museum of Fine Arts in Springfield, MA.

Emily Dickinson’s works have had considerable influence on modern poetry. Her frequent use of dashes, sporadic capitalization of nouns, off-rhymes, broken metre, and unconventional metaphors have contributed to her reputation as one of the most innovative poets of 19th century American literature.

Colorado-based sculptor artist Jane DeDecker is regarded by many of her peers as being at the forefront of today’s figurative sculptors. Her works are included in collections at the Mayo Clinic, the Audubon Institute, and American Stores, Inc.
Sri Lankan Sisters Spearhead Tsunami Relief Effort

Tharanga and Eranga Goonetilleke are determined to do what they can to help their tsunami-ravaged homeland.

The sisters have spearheaded a fundraising effort that will last throughout Spring Term. As of January 31st, the effort had raised nearly $13,000.

Tharanga and Eranga were enjoying their Christmas break with friends in Spartanburg and preparing to travel to a Christian conference in North Carolina when a friend called to ask if they had heard about the tsunami. “We immediately turned on the television, saw the initial death-toll estimates, and began trying to reach our parents back home,” recalls Tharanga, a senior majoring in vocal performance. It took nearly four hours for the sisters to confirm the safety of their parents and their 11 first cousins.

The Goonetillekess hail from the Sri Lankan west coast city of Ratmalana (population 153,000), and although most of the damage occurred on the east coast, their house was not far from the devastation. “It is extremely difficult to imagine the destruction,” said Eranga, a freshman also majoring in vocal performance. “Roads and houses that were within easy walking distance from our home are now gone, and morgues are actually stacking bodies because there simply is not enough room for them.”

Converse students, faculty, and staff were also on vacation for the holidays, flooded the office of Converse Chaplain Christine Henchar Reed with e-mails and telephone calls in an effort to make sure the Goonetillekess and their loved ones were safe. “The musical community loves Tharanga and Eranga,” Henchar Reed said. “Once everyone found out that both women were safe and in the US, they wanted to help with relief efforts.”

Tharanga and Eranga asked attendees of the January 3rd Converse All-Star basketball game for donations, and the Department of Athletics donated all proceeds from the game. In addition, a donation table was set up in Gee Dining Room. The efforts continued during the last weekend in January when Converse and the Music Foundation of Spartanburg presented Puccini’s La Bohème, in which Tharanga performed the lead role of “Mimi” and Eranga sang in the chorus.

“All of the money is being sent to The Church of St. Mary’s in Ratmalana, and will be used to buy supplies and clothes,” said Tharanga. “The church is doing all that they can to provide shelter and food for people who have no other way of surviving.”

Tharanga and Eranga call their parents as often as possible, speaking in their native Sinhalese, for the latest information about the relief efforts. “Our father, who is a banker, has seen buildings and businesses totally destroyed and washed away,” said Eranga. “And mother helps with lunch packets for the tsunami victims who are housed in the church. While it would be nice to be together as a family to know what is going on, we are doing everything we can on this end, including thinking positively and praying.”

The Converse relief effort will continue throughout the end of Spring Term (May 19). For information on how you can help, contact Christine Henchar Reed at (864) 596-9079 or christine@converse.edu.

Converse All-Stars present their donation for the tsunami relief effort.

Converse Offers Residential Workshop for Young Writers

High school students with a flair for the creative will have an opportunity to hone their skills under the guidance of professional writers and Converse English professor during the Young Writer’s Summer Workshop June 26-July 1, 2005. The coeducational program is open to rising high school sophomores, juniors, and seniors who want to develop their talents in poetry, fiction, and creative nonfiction. Converse alumnae are encouraged to spread the word about the workshop to their friends and family.

The week-long residential workshop is in its second year at Converse, and comes on the heels of an immensely successful inaugural offering. “High school students from Kentucky, Texas, Tennessee, Georgia, North Carolina, and South Carolina participated in our 2004 workshop,” said Rick Mulkey, chair of the Department of English and director of the workshop. “This year, we will stay true to our goals of giving students personal instruction and critique, and providing them with techniques that help them recognize their strengths, potential, and paths for successful writing, editing, and publishing.” The workshop will also feature seminars and panel discussions led by the guest writers.

Tuition, residence hall accommodations, all meals, and on-campus activities cost $700. A limited number of partial scholarships are available. More information, including a roster of workshop faculty and application information, can be found at www.converse.edu or by contacting Rick Mulkey at (864) 596-6909 or rick.mulkey@converse.edu.

$15 Million Gift Raises Bar for Academic Excellence at Converse College

In January, Converse received a transformative gift of $15 million in support of academic excellence from Susan “Susu” Pilcher ’65 and George Dean Johnson Jr. This marks the second $15 million gift the Johnsons have given to the College in the last seven years and the largest outright gift in the College’s history. The gift will build Converse’s endowment, bringing the College’s total funds under management to nearly $80 million.

A portion of the gift is designated to fund a faculty evaluation and compensation plan in support of academic excellence, and the remainder will be allocated to other areas within the College’s endowment, including scholarships. The gift aligns with Converse’s strategic plan, delivering on the plan’s goal of enhancing the institution’s academic program.

Jeff Barker, vice president for academic affairs and dean of the College of Arts and Sciences, collaborated with faculty for 15 months to formulate a plan for faculty evaluation and compensation, which will raise the bar for academics. The Academic Excellence Endowment and Faculty Salary Improvement Plan were endowed by faculty and the Board of Trustees last year, and since that time the College has been working to secure endowed funding. Converse raised $606,000 toward the endowment prior to the Johnson’s gift.

“Our goal is to secure and retain the best faculty so that academics at Converse are rigorous, thorough, and offer the best possible preparation for life and careers,” said Barker. “This gift is distinctive on a national level in higher education because it provides permanent substantial support to recognize and reward faculty excellence.”

Having served as a college faculty member early in her career, Susu Johnson gained firsthand understanding of the importance for an institution to dedicate a significant and continuous flow of resources for faculty excellence. “We have responded to a defined need of Converse with this gift and are happy to be able to do so,” said Johnson, who is vice chairman of the Board of Trustees and chair of the presidential search committee.

Last year, the Johnsons gave $2 million to Converse for scholarships. The gift created five scholarship endowments that will generate approximately $62,500 each year for Converse to award directly to students.

Converse alumnae events

ALUMNAE EVENTS

October 27, 2004
Lexington, KY
Luncheon at the Lafayette Club
(contact for location)

October 27, 2004
Charleston, SC
The Charleston Renaissance Gallery

Noon表面
Pamela Boggs ’74, Susan Rhodes ’74, Carolyn King Smith ’72, Lucy McElroy Stevens ’76, Debra Moore Pace ’85

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"Carson," Frances Richards ’74, Carolyn King Smith ’72, Lucy McElroy Stevens ’76, Debra Moore Pace ’85
Are You Painting Yet?

The “Paint the World Purple” campaign is off to a great start, thanks to the excitement of Converse alumnae and friends who have taken up their brushes to paint. Our goal is to spread the Converse PURPLE around the world!

You can “Paint the World Purple” in all sorts of ways:

• SUPPORT the Converse Fund—make your gift for 2004-05.
• JOIN the CARE network (Converse Alumnae Recruitment Effort)—sign up on the Converse Web site at www.converse.edu or contact the Alumnae Office.
• TELL capable high school students and their parents about your Converse experience and encourage them to take a closer look. Send their names to the Converse Admissions Office.
• REACH OUT to alumnae from your class or in your city and encourage them to reach out to others. Take time to reminisce about your Converse days.
• ATTEND alumnae events in your area and the annual Reunion Weekend (this year’s theme is Paint the World Purple!) at Converse.
• PROVIDE Converse students with internship opportunities in your city and become a career mentor by joining the Converse Alumnae Network (visit the alumnae section of the Converse Web site for information).
• CONNECT with Converse. Serve as a class representative or a Converse Fund Class Chair, keep Converse up-to-date about you via the Web site or the Alumnae Office.

Dip into the PURPLE and start painting today!

Preserving Cudd Hall as a Home Away from Home

Recent estate gifts from Mary Sue Cudd ’27 and Perrin Cudd Eidson ’31 will help Converse maintain Cudd Residence Hall for years to come. In their wills, both sisters specified a percentage of their estates be given to Converse for the building, a combined gift of more than $275,000. The gifts continue the Cudd family legacy at Converse that began early in the College’s history.

The Gwyn School, a preparatory school for girls, was purchased in the early 1900s and transformed into a residence hall for Converse. It was named Cudd Memorial Hall in memory of Allene Cudd Cantrell ’12, who was the daughter of Converse Trustee John N. Cudd and the cousin of Mary Sue and Perrin.

After graduating from Converse, Mary Sue and Perrin Cudd became teachers in their hometown of Spartanburg. Mary Sue never married, and at one time operated the Cudd Coal Company. Perrin became the wife of Dr. John Olin Eidson, the former dean of arts and sciences at the University of Georgia, former president of Georgia Southern University, and vice chancellor of the university system in Georgia. Perrin later authored The President’s Wife Entertains, which sold several thousand copies.

“The Cudd sisters’ gifts are excellent examples of how an alumna can sustain her commitment to Converse long after graduation,” said Dianne Ansley, director of planned giving at Converse. “Estate planning gives donors peace of mind from knowing that their gift will be used exactly as they intend at their passing.”

Student callers are a diverse group this year, including many international students who have interesting stories to share. In addition to raising money for Converse, callers also aim to help alumnae reconnect with the College by answering questions about Converse and talking about their college experiences.

Students will continue calling alumnae throughout Spring Term. Please look for their call and enjoy reminiscing about your Converse days.

Converse Students Are Calling YOU!

The Converse phonathon is off to an incredible start this year, thanks to a diverse group of student callers who are enthusiastically pursuing their goal to raise $100,000. Gifts and pledges received by phonathon callers go toward the 2005 Converse Fund goal of $2.6 million. “We were aiming to raise $60,000 from the phonathon by Christmas break this year, and 964 alumnae helped us to exceed that goal by almost $11,000,” said Anne Marie Harnett ’05. “It’s exciting to talk with alumnae who love Converse and want to help us,” she said.

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Students will continue calling alumnae throughout Spring Term. Please look for their call and enjoy reminiscing about your Converse days.

Converse Students Are Calling YOU!

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**Granddaughters Club**

Sponsored by the Alumnae Office, the Granddaughters Club is a student organization that works to promote contact between students and alumnae through special events and projects.

**November 4, 2004**

Montgomery, AL

Luncheon at Nancy Paterson’s Bistro
(3 to r) Dabney Hunter McKenzie ’76, Lucy Finley Jackson ’49, Kristi Eaves ’03, Jane Murray Maney ’79, Melissa Davis Jolly ’69, Sarah Jackson McClendon ’73

November 4, 2004

Montgomery, AL

Cocktail Party at the home of David and Kay Watt Clark ’79

Back (1 to r) Peggy Levensailor Lynden ’80, Beth丫ut ’81, Elizabeth Hanick Costlin ’46, Ali Stafford Mitchell ’96; front (1 to r) Kay Watt Clark ’79, Nancy Clifford Booth ’73, Kristi Eaves ’03, Melissa Davis Jolly ’69

ALUMNAAEVENTS

ALUMNAAEVENTS

GRANDDAUGHTERS NOT PICTURED:

Megan Burdette, daughter of Mary Ann Lancaster Burdette ’83

Melissa Harley, granddaughter of Mary Curtis Ramsay Harley ’46

Leah Wyman, daughter of Donnalee “Donna” Key Wyman ’81

Sarah “Sally” Stevens Williams, granddaughter of Susan Simrill Manning ’45

GRANDDAUGHTERS

2004-05

28

29
Dear Fellow Alumnae,

It sometimes amazes me that no matter how much things change, they also seem to stay the same. Our beloved Converse is in the midst of an exciting time of growth and progress. Our brand new—and quite spectacular—science building and updated science curriculum usher in a new era in science. The construction and renovation that has taken place on campus over the past few years and the current renovation of Montgomery Student Center provide Converse students with wonderful facilities in which to live and learn. New programs such as the music therapy major, creative and professional writing major, dance minor, and The Nobel Honors Program have raised the bar for academic excellence and help attract the most talented students to our College. Our fabulously successful Campaign for Converse made much of these changes possible. Thanks to VOC, our alumnae, who were key to our success in raising $82.5 million!

We have bid a sad farewell to President Nancy Gray, and I know that each of you joins me in wishing her the very best and thanking her for the wonderful progress that Converse made under her leadership. She leaves Converse in a position of strength to attract another extremely competent president who will perpetuate the momentum of our progress.

No matter how much exciting growth takes place, I am constantly reminded that our College is the same wonderful Converse we fondly remember from our own college days. With every Converse student I meet, I grow prouder that these amazingly talented young women are following in our footsteps. It warms my heart to see that so many of the traditions we held dear are valued and enjoyed just as much by the women attending Converse today. The heart and soul of Converse—thepart of her that transforms young women into dynamic contributors to society—is what we all work to preserve and enhance. While we celebrate the phenomenal growth and progress that is apparent everywhere you look on campus, we also celebrate the continuum of honor, tradition, and excellence that remains the same.

See you April 29-30, 2005, during Reunion Weekend!

Carole Cherry
Symphony, Mendelssohn’s “Ruy Blas,” and the Development of the Romantic Symphony at the fall meeting of the American Musico logical Society-Southeast Chapter, at the University of North Carolina at Charlotte. Spooky Does the Bunny-Hop (Extended Orchestral Rendition), a composition by Dr. Scott Robbins, associate professor and chair of the Department of Music History, Theory, and Composition, was the winning work in the Loudoun Symphony Orchestra’s American Composers Competition. The orchestra will perform the work in their concerts this March. Converse nominated Robbins for the South Carolina Governor and Commission on Higher Education’s South Carolina Professor of the Year, for which he received a Distinguished Professor award in recognition of his exceptional teaching. Robbins is also a reviewer for a new music theory text for Thomson Learning, a division of Wadsworth Publishing.

Dr. Anita Rose, assistant professor of English, presented a paper at the International Slavonic Conference in Nashville, TN, on the metamorphosis of season endings in “Buffy the Vampire Slayer.” She also participated in the Wye Faculty Seminar in Queenstown, MD.

Susan Tekulve, assistant professor of English, presented a paper at the International Slavonic Conference in Nashville, TN, on the metamorphosis of season endings in “Buffy the Vampire Slayer.” She also participated in the Wye Faculty Seminar in Queenstown, MD.

Alumnae Events


Dennis ’51, Alex Rose Larson, Emmaite Young ’42, Virginia Ogilvie Cohle ’34, Bevie Rice Bell ’44 (front–1) to Virginia Douglas Coleman, Dickie Brown Cribb ’46

IN MEMORIAM