

**Students**

**Meet the Bonner Community Scholars**

On August 26, a group of 10 students, nine of them about to begin their first day of college life, met in Eickhoff Hall to engage with one another as TCNJ's first class of **Bonner Community Scholars**. The seven women and three men had been invited, based on their original applications for admission, to compete for the new service-based scholarship program that recognizes exemplary previous achievement and supports commitment to continued service and community leadership.

The 10 winning students receive up to a four-year tuition scholarship, renewable annually as long as the student maintains a 3.0 GPA and participates fully in the program. Student participation includes 300 hours of community service each year, as well as co-curricular and curricular opportunities that develop skills as a citizen and community leader.

The new program is managed under an umbrella organization, the Bonner Center for Civic and Community Engagement, that is directed by David Prensky. He has major staffing help from Nino Scarpati, director of civic leadership development, and Beth Paul, chair and associate professor of psychology. The Bonner Foundation of Princeton provides some operational support for the program, while the scholarships are funded by TCNJ.

This year's Bonner Community Scholars are:

▲ **Christen Banicki**, of Bergenfield, will major in business and wants one day to run her own firm in New York City. The Dumont High School graduate played varsity volleyball and softball and was

active as a senior Girl Scout and president of the Dumont Youth Historical Society.

▲ **Kathleen Davis**, of Red Bank, will be majoring in psychology and is planning to be a child psychologist. She's had lots of experience with that already, having cared for her 11 younger cousins at least twice a week for years. In high school she was on the varsity swimming and tennis teams.

▲ **Giancarlo Giametta**, of Tewksbury, is still undecided, but leaning toward political science. He graduated from Immaculata High School in Somerville, where he was involved with the student council and campus ministry.

▲ **Neil Hartmann**, of Cresskill, is majoring in communication studies. He was president of his senior class at Cresskill High School and enjoys drumming, soccer, wrestling, and community service.

▲ **Lyndsay Kilpatrick**, attended Science High School in Newark. On her way to being a corporate lawyer, she plans to major in sociology and take a lot of journalism and political science courses. She loves politics and was both student council and senior class president in high school.

▲ **Jean Patterson**, of Lafayette, is a criminology and justice studies major with lots of interests: lacrosse, the saxophone, mountain biking and travel abroad.



*The 2004-05 Bonner Community Scholars are, from left, front row: Giancarlo Giametta and Jean Patterson; middle row: Susan Wyrovsky, Kathleen Davis, Neil Hartmann, Lyndsay Kilpatrick, and Lauren Stenftennagel; back row: Christen Banicki, Todd Stoner, and Morgan Reil.*

▲ **Morgan Reil**, of Hamilton, has her eye on a career in nursing or physical therapy. Her family includes a brother with autism, and she's been deeply involved in establishing a group home for the mentally disabled in Yardville. In high school she helped run the school's program of required public service for all students.

▲ **Lauren Stenftennagel**, of North Haledon, plans to be a nurse but will minor in a foreign language. At Manchester Regional High School she participated in track, the student council, and National Honor Society.

▲ **Todd Stoner**, of Colts Neck, will major in political science and international studies. At Colts Neck High School he played soccer and led three summit meetings on the problems of racism and violence for Monmouth County student leaders.

▲ **Susan Wyrovsky**, of Verona, is the only senior in the group and is a sociology/pre-social work major who plans to get a master's in social work. Last year she was part of a Trenton Youth Community Research Corps working on a community-based research project for Angel's Wings in Trenton.

For more information about the program, please contact the Office of Admissions at 609.771.2131.

▲ **Neeharika Kandikatla**, a senior English major, may have had the best experience among nearly 100 American college interns to have worked for NBC at the 2004 Olympic Games in Athens. "Neeha," who was selected after two previous internships in New York earlier in the year, expected to be one of an army of 90 "loggers" and "runners," who watched the events, recorded key moments, and delivered the videotapes for others to edit.

Once in Athens, however, she was assigned to NBC's High Definition Department, a completely separate production operation that films events for use by high definition television sets.



*Neeharika Kandikatla*

"They have entirely different cameras and staff, get different camera angles, use different commentators, producers, and directors," Neeha explained. The result is a program that is visually far superior, but still serves a limited, although rapidly expanding, market. By the time the 2008 games come around, NBC expects its high definition sports coverage to be the industry standard, she said.

In Athens, Neeha found herself working directly on the production crew for NBC's high definition broadcasts, helping directors with decisions on shot selection, fitting segments together for gymnastics, basketball, and diving. On one occasion, in the absence of the regular producer, she handled a 10-minute segment of the programming herself. She found she

thrives under the pressure, even on an 18-hour workday, which was typical in Athens.

The diminutive 21-year-old daughter of Indian parents has been encouraged by internship supervisors to seek an on-camera position, but for now is enthralled by the production aspects of the industry, where both organizational and writing skills are rewarded. She's putting plans for law school on hold while she explores these new possibilities.

▲ **Katherine Uyhazi**, a senior biology major, was thrilled last spring to learn she had won a \$7,500 Goldwater Scholarship Award. Of the 1,113 mathematics, science, and engineering students nominated by the faculties of colleges and universities nationwide, only 310 Goldwater Scholarships were awarded.

Uyhazi gives the credit to TCNJ's biology department. "The fact," she said, "that TCNJ has had four Goldwater Scholars in the past five years isn't a coincidence; it's a reflection of the caliber of the bio faculty and the dedication of scholarship coordinator Dr. Donald Lovett," who is associate professor of biology.

In the summer of 2003, after her sophomore year, Uyhazi did molecular research in the Department of Neuroscience at the University of Connecticut, studying the role of a protein in the vision of frogs.

Presenting her work to professional colleagues led to a second summer in the lab,



*Katherine Uyhazi*

working this year with Dr. Walter Gehring, a pioneer in the field of evolutionary developmental biology, at the University of Basel in Switzerland.

Uyhazi's pretty certain now she wants a career in medical research, so is applying to graduate programs that offer a combination of a medical degree and a PhD in a research field.

**Faculty**

*The College was saddened to learn of the death earlier this year of three longtime professors of education.*

▲ **Catherine "Kitty" S. Hill**, who taught for 39 years in the health and physical education department and the Department of Mathematics and Statistics, died July 27 at the Chandler Hall Hospice. Hill had attended Syracuse University and earned a master's in health and physical education at the University of Minnesota before joining the faculty in 1965. A demanding teacher, she prepared hundreds of graduates with her course on teaching methods and materials for physical education. She also was known for attending virtually every major athletic team event, and for managing the college-wide physical education program, which at the time included a mandatory swimming qualification test.

During a period of curriculum change in the early 1980s, Hill applied for a transfer to the Department of Mathematics, took a number of refresher courses in math at Rider University, and became a full-time member of the mathematics faculty in 1981. There she spent a great deal of time giving extra help to students in her pre-calculus and calculus classes. Following formal retirement in 1996, she continued to teach until the end of the spring semester in 2004, when she



was clearly suffering from lung disease. She and her husband, David, who died several years ago, lived in Yardley.

▲ **Helene Williams McRae**, 80, professor emerita of special education, died in a New Orleans, LA, hospital on April 16. A member of the Class of 1945, she taught high school mathematics in Annapolis, MD, before becoming the first black teacher employed by the Lawrence Township Board of Education. In 1968 she joined the faculty here, rising to full professor in 1979, and retiring in 1991. Over the years, she received many honors for her outstanding professional and leadership skills, including the College's Community Service Award, EOF Program Mary Bethune Faculty Award, the Dean's Recognition Award, and two Career Achievement Alumni Alliance Citations. Contributions may be made in her memory to the Trinity Episcopal Academy, 801 W. State St., Trenton.

▲ Professor Emeritus **James F. Silver** died at his home in Hopewell Township on May 29 at the age of 81. He had taught at Trenton State College for 34 years in the Department of Early Childhood and Elementary Education. A prolific writer, he wrote and co-authored nearly 20 textbooks on American history, geography, environmental issues, and more. A highly popular teacher, who for many years held end-of-the-year parties at his home for students, faculty, and alumni, he was devoted to public education for all and opposed the College's actions to tighten standards of admission in the 1980s. In his later years, he also fought the requirement that faculty retire at age 70, but was obliged to do so in 1993.

Professor Silver grew up in New Jersey and during World War II served as a gunner on a tank destroyer in Germany.

After the war, he graduated from Montclair State University, and later earned master's degrees in history and education from Boston University and Temple University, and a doctorate in education from Pacific Western.

He is survived by his wife, Edith, and by three daughters, a son, nine grandchildren, and two great-grandchildren. The family would appreciate donations made to the Christian Children's Fund, PO Box 26507, Richmond, VA 23261-6507.

## Professor Goldstein takes medical leave

As many already know, Fredric Goldstein, associate professor of geology, was diagnosed with early onset Alzheimer's Disease, and made the difficult decision to leave the College in the summer of 2003. He had joined the faculty in 1973 and throughout his career taught an introductory course in geology, as well as related courses in paleontology, energy and the environment, and others. He founded the Geological Association of New Jersey, wrote three textbooks in the field, was a leader among New Jersey teachers of science, and won the John H. Moss award for excellence in college teaching. Fred has been an exceptionally popular teacher, and a close friend of many faculty and staff. He and his wife, Barbara, recently moved from Lawrenceville to a retirement community in West Windsor. Last summer Fred and Barbara sent us the following note of special interest:

"We have closed one chapter in our lives, and opened another. We are now both very involved with the local chapter of the Alzheimer's Association, helping to raise awareness and funds by speaking out, helping others walking down the same path, and doing interviews for local



*Barbara and Fredric Goldstein*

and national papers and magazines. We are writing a book about our life together, and the impact this illness has had on our lives.

"Fred had two loves in his life: his family and teaching, more specifically, his students. We would love to hear from former students, faculty, and staff sharing memories of time spent with Fred. We can be reached by e-mail at: goldstef@tcnj.edu or by mail sent to the physics department, Attn: Dr. Fred Goldstein, The College of New Jersey, PO Box 7718, Ewing, NJ 08628-0718.

"It has been said that to teach is to touch a life forever. Fred's life has been forever touched by all the wonderful students he had the privilege of teaching, and for that, we are eternally grateful. We look forward to hearing from you, and thank you for helping to make the past 30 years at the College everything we hoped it would be and more."

We understand the Goldsteins' story will be part of a special report in *Health Magazine* during November or December.

▲ **Rein Triefeldt's** interest in solar-powered moving sculpture has earned him international attention in recent months, thanks in part to articles focusing on his work in *Sculpture*, the magazine of the International Sculpture Center. In the spring/summer 2004 issue, he was one of a number of "Twentieth Century Light Art Pioneers" who have been making a mark on public art, and the December 2003 issue reports his founding, with two Europeans, of a new organization of kinetic sculptors to exchange ideas and promote such works with contests and exhibitions. (One can find it on the Web at [www.kinetic-art.org](http://www.kinetic-art.org).)

Although Rein has been making kinetic sculpture since 1988 when he earned his MFA from the University of Windsor in Ontario, it was only after he had been on the staff of the Johnson Atelier in Hamilton for nine years and had begun teaching sculpture at TCNJ in 2000, that he turned his attention to solar energy to power his art.

It was a chance meeting with **Norm Asper**, TCNJ professor of engineering, that did it. Asper suggested Rein use some ordinary photovoltaic modules (solar cells) wired to an electric motor from Radio Shack to make a small construction. The result was "SolarOne," a sort of shrub of solar cells around

which "flies" a glider-like metallic shape. Since that initial project, Rein has built much larger ones, including a 10-foot installation that was displayed in last summer's "Art in Motion"



exhibit in The Netherlands. He's been invited to display his work in Germany next year, at an exhibition of kinetic art in Munich.

He and others in the small world of kinetic solar sculpture have many ideas on paper for projects that would generate more wattage than they need to function. In some states, this excess power could be sold to a local utility. Rein has formed a partnership with Energy Photovoltaics, of Lawrence Township, a manufacturer of solar panels, to explore such opportunities.

▲ **The Rev. Gabriel Zeis**, since 1999 the representative of the Roman Catholic Church on our campus, resigned in June to become president of St. Francis University in Loretto, PA, the oldest Franciscan university in the U.S. While at TCNJ, "Father Gabe" was a regular fixture at the Alumni Meditation Chapel, where he celebrated Mass, performed an occasional wedding or baptism, and provided counseling to students and staff. St. Francis University enrolls about 1,900 undergraduate and graduate students in its coeducational liberal arts programs.

*Below, Rein Triefeldt photographed with solar kinetic sculpture "SolarOne."*

## Faculty and Staff Retirements

The following members of the College community retired during the period July 1, 2003 through June 30, 2004:

### Faculty

**Paul S. Hiack**  
professor of physics

**Barry H. Novick**  
assistant professor of English

**Freddie A. Oshel, Jr.**  
associate professor of health and exercise science

**Dorothy M. Rubin**  
professor of special education, language, and literacy

### Staff

**George Bozsolak**  
campus police officer, campus police and security

**Mary Lee Ennis**  
secretarial assistant; School of Art, Media, and Music

**Fred C. Ervin**  
carpenter, carpentry shop

**Dorothy J. Evans**  
senior operator automated typewriter, network and technical services

**Mary I. Mathess**  
senior building maintenance worker, building services

**Peter L. Mills**  
capital planning executive, campus planning and construction

**Joyce Welch-Walker**  
assistant housekeeping supervisor, building services

**Lucille W. Wetherald**  
cataloging librarian