



Heather Glissen

A newly acquired sculpture adorns the lawn in front of the Hege library. By Horace Farlowe, it is made of corten steel. It was given by Dick and Joan Steele, a local family.

## Physics Students Receive Research Grants

The Physics Department recently awarded five \$2000 undergraduate research grants that will enable five Guilford students to complete one-year research projects. The winning projects were selected from proposals written and submitted by each student. Each recipient will present his/her research results at the ninth National Conference on Undergraduate Research which will be held in April.

Reggie Hicks will develop a computer simulation of a Krider muon drift chamber. He will compare the results of this simulation with experimental data he gathered at Fermi National Accelerator Laboratory last summer. This research will be a continuation of the summer research done in the Neutrino Physics Laboratory at Fermi Lab. He will work with Rex Adelberger, professor of physics, and Donna Naples of Fermi Lab.

Viktoria Jane will develop and test a method of deconvolving digital images of double stars to determine the brightness and separation of the constituent stars. Images will be gathered using the Guilford MicroObservatory and data reduction will be completed

using computers in the physics department. She will work with Thom Espinola, associate professor of physics at Guilford. Jane's grant was funded by the NASA-Guilford College Joint Venture in Space Science grant.

Katarina Plavetic designed a project to study the everyday phenomena of water droplets dancing on a hot skillet. She will attempt to measure the shapes of these drops and determine why the drops assume the geometric shapes observed. Plavetic's grant was made possible from a gift from Loretta and the late William Jeglinski of Greensboro.

Jessica Speltz will study the physics controlling the reaction rate of the Diels-Alder reaction. This well-known organic chemistry reaction is of interest to scientists because it forms two carbon-carbon bonds in a single step. Speltz will construct a molecular dynamics computer simulation of the reaction and test the predicts of the simulation by performing laboratory experiments. She will work with Rob Whitnell, assistant professor of chemistry.

Steven Watts will study the photoemission from potassium-iodide

and other alkali-iodides at photon energies below the substance's work function. He will synthesize the material in a moisture-free environment. The crystals will be placed in a vacuum and illuminated with ultraviolet radiation. He will work with Rex Adelberger and David Oro of Los Alamos National Laboratories.

## Ms. Bonner visits Guilford

**Daphne Lewis**  
Co-Editor in Chief

Mrs. Corella Bonner spent a day meeting Bonner Scholars and touring Guilford last Monday, October 24. Mrs. Bonner is the head of the Corella and Bertram F. Bonner Foundation of Princeton, New Jersey, which initiated and supports Bonner Scholar programs at 22 colleges around the nation, including Guilford.

Mrs. Bonner is currently on a tour of Bonner Scholar campuses. So far, she has visited 19 of the 22 Bonner schools.

Mrs. Bonner's activities for the day ranged from dinner at the President's house with Board members, faculty and staff, to touring the campus, to spending time with individual Bonner scholars and listening to their community service stories.

Mrs. Bonner had her picture taken with all the Bonner scholars and attended a dinner with them. President Rogers, Judy Harvey, Bonner scholars Mark Ferguson

and Shawntay Stocks, and Mrs. Bonner herself all spoke at the reception.

Mrs. Bonner brought the message of community service to those she spoke with, and she also stressed the importance of graduating from college.

After the reception, many Bonner scholars crowded around Mrs. Bonner to greet her and talk with her about their experiences in the program.

Bonner scholar Jessica Mendelson said "Meeting Mrs. Bonner gave me a stronger connection to the foundation--I see some of the strength from which it operates"

"What impressed me the most about Mrs. Bonner is her vitality and her genuine interest in the individual students. She wanted to hear stories about their work and service," commented Harvey.

Mrs. Bonner was described by President Rogers as a "remarkable woman." Judy Harvey noted how amazingly involved and active Mrs. Bonner is in spite of her age

of 85 years: "Mrs. Bonner is at an age where most people are watching T.V., have slowed down and retired. But not Mrs. Bonner. She gets up and goes to work everyday."

Mrs. Bonner became involved in community service in 1952 when she and a minister's wife started The Crisis Ministry in Ft. Lauderdale, Florida, an organization concerned with feeding the poor and hungry. Her organization quickly spread into 50 food banks across the nation.

With the money left over from that project, she decided in 1989 to start a scholarship program based on community service at Berea College in Kentucky. According to Mrs. Bonner, it was so successful that the next year she added 11 more colleges, and in 1991 she added 11 more.

The Bonner program, established at Guilford in 1990, provides Bonner scholars with a chance to serve their community throughout their college years. A Bonner scholarship replaces work-study for Scholars, who, in return, are required to volunteer 10 hours a week.

There are currently 82 students in the Bonner Scholar Program at Guilford.

## WINNETT

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cancer. A mastectomy and two rounds of chemotherapy would follow. There never was, however, what might be described as a fading to Ms. Winnett and her life. Throughout her illness, she continued her teaching and her artwork. Just this last April she had a show of her photography at the Greensboro Artists' League.

"She had a wit and warmth," said Guilford College President Bill Rogers, "a droll laugh and

a ready smile, an unflinching trust in people and an honesty of self-expression that was totally disarming."

As part of her memorial services, Guilford has planted a tree for Merry Moor Winnett in front of the Hege-Cox art building. The tree comes from a seed, which was carried into space aboard one of NASA's lunar rockets. It is a fitting tribute. A living and natural wonder, delivered from the heavens to grow among us and teach us beauty.

Goodbye, Merry. You will be missed.

## a note from pope house

Henry V performers will be on November 11, 12, 17, 18, 19 at 8:00 p.m. in Sternberger. Tickets are \$1 if you purchase them in advance, and are free to students, faculty and staff at the door. After the opening night performance, there will be a bake-off for any interested students, faculty or staff. There will be prizes, so bring your best homemade baked goods on November 11.

Auditions will be held for Slawomir Mrozek's "Tango," directed by Robert Davis on November 14. Sign up for audition times Nov. 7-11 in Founders lobby.