

Welcome home college students

By JOANNE J. FALLS
Home Economic Extension Agent

Many college students will be returning home for the summer. Some will be working and some will be resting. After having several months of freedom (or no adult supervision), it's a period of adjustment. It's a period of adjustment for the parents as well as the students.



Falls

The returning students must realize that parents do have certain rules that need to be followed when they are living in their parent's home. The students should realize that even though they are older and wiser, they still are younger than their parents. Parents always feel that they have the authority to offer suggestions and guidance, because they are deeply interested in their sons and daughters and want them to do well in life.

The guidance of parents is backed by wisdom, experience, and observation. Parents are extremely interested in keeping their sons and daughters from making life-destructing mistakes and ending up serving 40 and 50 years prison sentences. But very often youth

ignore what their parents say until they get behind prison bars where they can see and understand things that they have never been able to understand before.

College students should help with housework and yard work and not expect their parents to act as their servants and finance their every need and want.

The college students should renew their relationships with younger family members and help them to benefit from their college training. College students should set good examples in the home and in the community.

Parents have a responsibility to help make the college student feel comfortable when they return home. Welcome and encourage the college students by letting them know that the family is very proud of their accomplishments in the academic world. Urge them to be persistent in reaching their goals. Talk to them about the facts of life and the seriousness of life. Students should be reminded that they will never get another life. Tell them that they should always be interested in preserving that life. Tell them about eating and resting properly so they can avoid unhealthy foods and habits that will shorten their lives.

Parents should give returning students some responsibilities so they can gain experience in home management and money management. Good family conversation can help strengthen family ties and help family members to understand each other better.



Photo by C.B. Hauser.

Beautifying the city

A detail from the Prince's Feather Garden Club plants flowers in a plot at the intersection of Third and Fifth Streets. Shown are, l to r, Rev. J.W. Gwynn, Hugh Smith and Hugh Dobson. Others participating in the planting were Delray Hartsfield, Robert Jeffries, Dr. C.B. Hauser, and Claudis Harris. During the growing season, members from the club will care for this garden and another garden at the entrance to the Winston Lake Family YMCA.

Space junk, a matter of international concern

Unless spacefaring nations stem the exponential increase in small bits of junk orbiting our planet, some low-Earth orbits (lower than 1250 miles) may become too risky to use in just

satellite breakups, but it is not the leading producer of the debris currently in orbit. Refuse of Soviet and American origin is actually rather evenly distributed.

Concerning professional status, the three largest categories are: 58% professors or scientists, 20% graduate students or recent Ph.D recipients, and 7% administrators.

The largest employer groups include colleges and universities (55%), federally funded research and development centers (16%), government agencies (14%) and industry (9%).

The National Science Foundation (NSF) is requesting \$23.5 million to begin the construction of two identical, but widely separated detectors for the Laser Interferometer Gravitational Wave Observatory (LIGO). LIGO was designed by teams at Caltech and MIT to verify the existence of gravitational waves and black holes.

Observers are expected to test Einstein's prediction as part of his general theory of relativity in 1916, that gravitational waves exist, and that they travel at the same speed as light.

For spacecraft in low-altitude orbits, what goes up must eventually come down. And so it was with the Soviet space station Salyut 7, which crashed to earth on Feb. 7th. The station and a massive attached module called Cosmos 1686, together weighed some 39 tons. It was the largest spacecraft to fall uncontrolled from orbit since the demise of

NASA's Skylab space station in 1979.

The next round of advances in ground-based optical astronomy can only be made with larger telescopes or arrays of telescopes. New mirror designs make possible telescopes much larger than any in existence. Many of the performance requirements for ground-based telescopes are related to the blurring of images by the atmosphere.

This has led to an intense interest worldwide in making a new generation of larger instruments. Major programs for building single or multiple 8-meter class telescopes are underway in Europe, Japan and the United States, and other nations are developing plans. Of the new large telescope projects, only the 10-meter Keck Telescope, a segmented-mirror instrument located near the summit of Mauna Kea in Hawaii, has moved from design into construction.

[This was reprinted from Physics Today and Sky & Telescope magazines.]

By EDWARD A. ALLEN

10 to 20 years. Particles from one millimeter to 10 centimeters in size pose the greatest threat to spacecraft and astronauts, as reported by the Office of Technology Assessment. But this is the very size range that is hardest to survey. Objects larger than 10 centimeters can be studied by radar from the ground. Only an international effort to control such orbiting garbage will preserve the near-Earth environment, the report concludes.

Among the misconceptions the report addresses, is that space junk has increased because of more rocket launches. In fact the launch rate has remained fairly constant since 1965. The most troubling problem is that debris collisions create even more particles at an exponential rate that threatens to get out of control. The Soviet Union is responsible for more than 70 percent of all launches and

The American Astronomical Society, the largest national organization of professional astronomers in the world, completed a survey of its 5,300 members. Here are some of the more interesting highlights:

About 88% of the society's members are men and 12% are women. (The highest percentage of women astronomers, 17, occurred in 1938.)

The percentage of female astronomers is highest at a young age and then gradually declines. This trend may indicate that either more women are entering astronomy now or that they are leaving the field early in their careers.

More than 90% of the society's members are white.

Astronomers do not usually achieve a stable income until age 30 to 35.

Goolsby named Miss Futurama 1991

The Chi Chi Chapter of Chi Eta Phi Nursing Sorority, Inc. held its Second Annual Miss Futurama Spring Ball, Friday, April 19, at the Sawtooth Center, 226 N. Marshall St., Winston-Salem.

Miss Futurama 1991 is Marisha Goolsby, a junior at Carver High School. She is the daughter of Mr. and Mrs. Benjamin Keaton of Winston-Salem. She was crowned by Kia Boston, Miss Futurama 1990, and escorted by Derico Cherry.

The first runner up was Shanta Hyman, an eighth grade student at Northwest Middle School. She is the daughter of Thurmond and Shirley Carter. She was escorted by Devon Anthony.

The second runner up was LeShanda Miller, also an eighth grade student at Northwest Middle School. She is the daughter of Vernon and Anthonette Torbit. She was escorted by James Dervin. The other contestants

were Contillus Archie, daughter of Floyd and Amanda Archie; and Jontille Fowler, daughter of Mrs. Deborah S. Fowler.

The winners and each contestant received a plaque, flowers and a monetary gift for their participation. A fashion show followed the coronation, featuring fashions from LaShanda's Boutique of Winston-Salem.

The Chi Chi Chapter of Chi Eta Phi Nursing Sorority was chartered here in 1978, and is an organization of professional nurse and nursing students. The purpose of the pageant is to introduce young ladies to society while providing an opportunity for students to pursue the field of professional nursing.

The proceeds from Miss Futurama will be given to a deserving nursing student at Winston-Salem State University, in the form of a Chi Chi Scholarship.

The sorority's recently select-



Marisha Goolsby

ed officers are Basileus, Elleton McCullough; Grammateus, Randon Pender; and Tamias, Annie Alexander.

Other officers are Tamiochus, Geneva Herbert; Anti-Babileus, Willa Abbott; Dean of Pledge, Carolyn Rice; and Chaplain, Gloria Millner.

Local 9th graders named Urban League Scholars

The first two Winston-Salem Urban League scholars have been selected to participate in Project Strengthen's Summer Enrichment Program at Winston-Salem State University.

Marc Robinson and Detria Stowe, both ninth graders at Carver High School, have been named as the first Urban League Scholars. Marc and Detria will participate in the Summer Enrichment Program for four weeks following the close of school, and will receive a stipend for their participation.

Both students are registered in the Tri-ad Youth Employment Service, a collaborative effort of the Urban League, Workforce Development, and the Chamber of Commerce, to find summer employment for area youth.

The main thrust of the Tri-ad Youth Employment Service is to provide the kind of employment experience that will help youth look at vocational and career possibilities, including those explored in the Summer Enrichment Program. Students were selected for participation in the Summer Enrichment Program by their teachers, guidance counselors, and Winston-Salem

State University staff. Project Strengthen's Summer Enrichment Program is designed to provide enrichment training in science and/or mathematics to high school students who show promise in science and/or mathematics, and who plan to enter careers in either of the two disciplines.

Robinson is interested in becoming a pilot or entering the computer or business fields. Detria would like to study aeronautical engineering or mathematics.

Students in the Summer Enrichment Program will be exposed to solving mathematic and science problems using the computer. They will also be working with the high powered telescope. Organized study sessions will be required as a part of the four-week enrichment experience.

"The opportunities provided through the Tri-ad Youth Employment Service are enhanced by such educational programs as Project Strengthen," said Jimmie Sudler, director of employment division of the Urban League and a coordinator of the Tri-ad Youth Employment Service.

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