

Campus Capers



Dianne Simpson

Compared to white students and researchers in the biomedical sciences, ethnic minority members have long been at a disadvantage to obtain the proper training to meet today's biomedical challenges. The problem is deep-rooted. As poorer, traditional minority institutions were growing, they were in no position to place emphasis on scientific research. It was extremely rare for a minority member to receive a science degree from a major, non-minority institution.

Moreover, traditional minority institutions could not afford faculty and equipment for research. Consequently students found little encouragement for it. Those that made it past that barrier faced yet another obstacle. They could not compete at the graduate level because of inadequate preparation.

This is where the MBS (Minority Biomedical Support) and the MARC (Minority Access to Research Careers) programs fit into the scene. These two programs have aided minority institutions by helping them produce better motivated students of the Biology, Chemistry, Math and Physics departments.

Here at JSCU students working under the MBS program have thus revealed this type of motivation. This program, which was founded by the National Institute of Health from the Department of Health, Education and Welfare, was awarded a grant of \$84,042.

These students along with two faculty members, Dr. Ruth Snyder, Chairman of the Chemistry department and Dr. B.K. Chopra, Chairman of the Biology department, spent last summer doing research on the therapy of *Microsporium gypseum* (cure of ringworm infections). Six students, Samuel Wade, Renata Horton, Sherrill Holder, Marilyn Hamlet, Timothy Corbett and Evanda Young dealt with the biological phase of the research. They did study of the nutritional physiology of *Trichoderma viride* (a type of fungus) which revealed inhibitory properties toward the growth of ringworm. They performed many testings of compounds prepared in the Chemistry laboratories with guinea pigs being their subjects.

Five other Smith students worked on the Chemical aspects of the program. Emmanuel Cooper worked on the isolation and identification of the ingredient in fig latex that inhibits the growth of ringworm. There is hopes that after the identification of this antimycotic substance, more will be produced.

Other students, Carl Dea-

vers, Larry Hearne, Mark Harness and Michael Richardson synthesized and characterized new compounds which were tested for their effectiveness in controlling the growth of ringworm.

Compounds presently used on the market to inhibit ringworm infections reveal side effects such as nausea, diarrhea, and severe headaches and cramps. However, Smith's Chemistry group have prepared new compounds that have shown very strong inhibition of the pathogenic fungus and investigation of these compounds continue.

In regards to the MARC program here at Smith, an Honors Undergraduate Research Training Program has been established to motivate Smith students of Biology, Chemistry, Math and Physics majors to try to obtain Ph.D's in Biophysics, Pathology, Biostatistics and Biochemistry. This Honors Program, under the direction of Drs. B.K. Chopra, Biology department, R. Snyder, Chemistry, and H.L. Shrieves, H. Wright and A. Perumal, Mathematics and Physics, has been awarded a grant of \$85,336. Under this grant four students selected to participate in this program during the first year will receive complete tuition and fees and a stipend of \$3,000 a year. These students are, from the Biology department: Samuel Wade, Winnsboro, S.C., and Renata Horton, Fayetteville, N.C. From the Chemistry department, Douglas Young, Lawrence, S.C. and Valencia Pressley, Donalds, S.C.

Brothers Johnson Take England By Storm

A&M Recording artists The Brothers Johnson have literally exploded in their premiere concert tour in the United Kingdom. After a near riot following the first concert in Birmingham, England, the guitar and bass playing brothers (Geroge and Louis)

played to a sell out, standing room only audience at London's venerable Hammer-smith Odeon Theatre. The SRO crowd danced in their

seats, chanted, and screamed as the brothers ran through an hour and a half repertoire of hits from their two platinum albums, LOOK OUT FOR NUMBER ONE and RIGHT ON TIME.

The Brothers Johnson had achieved moderate success in Britain prior to their arrival, but their following was largely of the cult variety, so the level of excitement shown in their first series of dates has taken everyone by surprise includ-

ing the brothers themselves.

"We were excited about going to England when the tour was proposed, but in a sense we knew that there was going to be an adjustment to make. In that I mean, in the states we have been relatively successful in a short period of time but in England we are hardly a known act at all. We were aware of the fact that we can play huge buildings in the states, and it would be different in the U.K., but to get here and see the reaction that we have been getting has been really a satisfaction. The audiences over here are so receptive and appreciative that we can't wait to come back and get down again. It has really been an experience that I will long remember," George Johnson commented.

WBTV Interviews Chamber President

Doug Mayes interviews Dr. Richard Leshner on "A Conversation with the President of the United States Chamber of Commerce," Sunday, October 30th at 6:30 p.m. on WBTV, Channel 3.

Mayes asks Dr. Leshner such penetrating questions as "What are the possibilities of our country having another recession as in 1973 and 1974?" Also they discuss this subject at length concentrating on the drop in the Dow Jones average, rising interest rates, and

general inflationary problems of our country.

During the interview attention is also given to the business community and ways to improve it's image and attract the youth.

"Award Theatre"

To Air "That

Touch Of Mink"

Cary Grant and Doris Day star in "That Touch of Mink" to be colorcast on Channel Nine's "Award Theatre" Saturday, October 29 at 4 p.m.

Bachelor Philip Shayne (Grant), highly successful both in business and with women, meets lovely blonde Cathy Timberlake (Day) on his way to work one morning. Determined to go out with her, Philip turns on the charm and she accepts a date, but when he offers her a non-platonic trip to Bermuda, she declines.

Her amorous companion returns sulkily to New York and Cathy take a separate plane home.



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