

A PENNY SAVED IS A PENNY EARNED ... AND YOU'LL FIND THOSE SAVINGS REALLY ADD UP WHEN YOU SHOP AT **The Carolina Times ADVERTISERS**

WOMEN ARE DOING THE UNEXPECTED IN ENGINEERING FIELD

GREENSBORO, N.C.—Regardless of the increasing number of "success stories" being written about women in the traditional male-dominated fields continues to be small. This is the case in engineering and mathematics-related careers, especially in the diversified engineering field. While only one percent of the engineers in this country are women, black women in the field account for an even smaller number.

When Bennett College entered into its dual-degree program in mathematics and engineering, with North Carolina A & T there were initially two students enrolled in the cooperative venture. As Dr. Mattie E. Moss, chairman of the Mathematics Department, reflects over that first year, she is quite optimistic about the future of the program.

"Our first participants have weathered the storm of matriculating on two different college campuses. In fact, last year one of them, Linda Smith, was named the out-

standing first year student and was inducted into A & T's School of Engineering's "3.8" Club."

Both Linda and Loye Victoria Lockett are juniors at Bennett. Although they have selected to pursue studies in the male dominated engineering field, they are doing it at a woman's college.

"I enjoy life on Bennett's small campus," says Linda, a Greensboro native. "There's a special sense of belonging and being cared about here."

She also noted her strong family attachment in the Bennett experience. Her mother and two aunts attended, her great-aunt was a former president, and her uncle is a Bennett administrator.

Linda and Loye did not begin their engineering program as freshmen. Loye started as a business student although she had a strong high school background in the sciences. Linda, who admits that her high school background was inadequate in the sciences, had considered a major in physical education.

"I took the frill courses in the sciences and stayed away from the upper level mathematics and pure sciences," says Linda, an honor student. When I began the introductory electrical engineering I realized then the need to have a strong mathematics and physical science background."

Dr. Moss admits Linda was discouraged early in the program. "She considered dropping out, but eventually she initiated her own upgrading program which included often foregoing the traditional extra-curricular involvements."

Linda praises the support of her faculty advisor, Dr. Moss, and the engineering teaching staff at North Carolina A & T State University.

"When things got too rough, they provided the support and tutorial assistance I required. The upperclass male students were very helpful, also."

The dual degree and cooperative arrangement concepts are widely used by smaller colleges such as Bennett. They allow students to pursue more

programs of study and to receive two degrees in some areas. In the engineering program, a Bennett student receives the Bachelor's degree in mathematics and the Bachelor's degree in mechanical or electrical engineering from A & T.

"Our students are engaged in a vastly beneficial educational program," explains Dr. Moss. "They have the advantages of a liberal arts setting on a small campus and the more specialized academic program at a larger university."

Five first-year Bennett students are participating in the dual-degree program this year. They look to Loye and Linda as role models.

"The determination shown by Linda and Loye serves as incentive to the other students," said Dr. Moss. "Linda also tutors the first-year electrical engineering students."

The success of the first participants has had an impact on the growth of the program. Dr. Moss admits that a big obstacle facing the Mathematics Department is the myth that women cannot succeed in mathe-

matics or engineering careers.

"Little girl often discouraged from pursuing interests or demonstrating talents in mathematics-related activities. Based on the experiences of our previous students, there are some lucrative opportunities for women in these areas. As a result of the dual-degree program, job options should multiply."

Dr. Moss notes several of the first-year students participated in engineering seminars or conventions prior to enrolling in college. This has made them very aware of job opportunities for Women in the field.

One student, Sara Delois Wilson, stated, "Engineering is a demanding especially for black women. But I like the challenge of destroying myths and I enjoy working with my hands. Sara resides in Salisbury, N.C."

Kernersville's Arlissa Lowe is the third Lowe sister to study in Bennett's Science Division. She also sought the challenge of a non-traditional major for women.

I wanted to try. I feel that I'll be one of the success stories."

"Many people assume women cannot make it in this male-dominated field, but it was something."

Veteran engineer student Loye Lockett offers sound advice to other young women who may be considering a career in engineering or the natural sciences.

"You should take as much mathematics and sciences as possible in high school regardless of what others may say to discourage you. Explore some of the science programs offered to high school students by many colleges during the summer."

Linda adds, "Teachers in the primary and junior high grades should encourage more students to pursue interest in mathematics and sciences. But more significantly, teachers and counselors should challenge young black women to do the unexpected in the male dominated, higher paying careers."

FBI Investigates Police Brutality; Chief Refuses Records

The Federal Bureau of Investigation has begun an investigation into allegations that Durham barber John Segars was brutally assaulted by Durham police last May, after police allegedly kicked in Segars' door. Herbert L. Monahan, Jr., Federal Agent in Charge of the North Carolina bureau based in Charlotte acknowledged this week the U. S. Justice Department has requested an investigation to determine if there were any violations of Segars' constitutional rights over which the department has jurisdiction.

Agent Monahan said that the complaint would be investigated by the Raleigh FBI office rather than the Durham office, as some local sources had feared would happen. Monahan said the Bureau's policy is not to assign investigations of allegations against police officers to FBI agents working in the same town.

Durham Chief of Police T. B. Seagroves said in an interview that he refused to submit files to local FBI agent Vic Holden, who he said was investigating the matter. Seagroves also said that he informed several officers that they could talk to the FBI if they wanted, but they were not compelled to do so.

Monahan said instances of uncooperative police and

law enforcement officers seldom occurs, but sometimes a person might be carried before a grand jury and given immunity from prosecution.

The incident occurred at Segars' home on Riddle Road in south Durham. Segars contends that he had parked his car and was entering the house when a voice called from the dark asking him to wait a minute. Segars said he hurried into his house and locked the door, only to have the door kicked in by Public Safety Officer B. L. Apple. Segars said that he opened the door, and Apple pulled his gun and pointed it at him [Segars] and his wife. The barber was handcuffed and claims that after he was placed in a patrol car, two policemen, PSO Apple and Massenber hit him in the face. Segars was treated at Duke Medical Center and released.

A complaint was made to Durham Police Department's internal relations unit, which made recommendations that PSO Apple be suspended. Chief T. B. Seagroves made the recommendation to Barry Del Castillo that Apple be suspended - which was upheld. Police sources say Officer F. J. Delucia said that Apple had hit Segars while the barber had his hands cuffed behind his back.

Apple appealed to then

Acting City Manager Regina Brough who assigned Assistant City Manager Dan Pearson to hear the appeal. Ms. Brough said that Pearson recommended to her that Apple not be disciplined.

While Monahan would not say approximately how long the investigation will take, he did say that the usual investigation takes

around three weeks.

The FBI was called into the case when the Justice Department's Community Relations Service looked into the Segar complaint last December.

Demands have come from citizens groups for some time that Apple be fired.

Togo D. West, Jr. Appointed Assistant to Secretary of Defense

Secretary of Defense Harold Brown announced today the appointment of Togo D. West, Jr., as the Special Assistant to the Secretary and Deputy Secretary of Defense. Mr. West is currently the General Counsel of the Navy. The appointment will be effective January 1, 1979.

Mr. West was born in Winston-Salem, North Carolina, in 1942. He was graduated from Howard University in 1965 with a B.S. degree in Electrical Engineering, and received the J.D. cum laude from Howard in 1968, where he was Editor in Chief of the Howard Law Journal.

From 1968 to 1969 he was law clerk to the honorable Harold R. Tyler, United States

District Judge for the Southern District of New York. From 1969 to 1970 he was on active military duty as a Captain, Judge Advocate of the Office of the Judge Advocate General, U.S. Army; and from 1970 to 1973 as an attorney-advisor to the Assistant Secretary of the Army for Manpower and Reserve Affairs. For his military service he received the Legion of Merit and Meritorious Service Medal.

In 1975 Mr. West was appointed Associate Deputy Attorney General of the United States and served in that office until 1976. He was an associate with the Washington law firm of Covington & Burling prior to his appointment as

General Counsel of the Navy in April, 1977.

Mr. West is married to the former Gail Estelle Berry. The Wests have two daughters: Tiffany Berry and Hillary Carter.

Mr. West will replace John G. Kester, who took office as The Special Assistant on February 1, 1977 and will serve through December 31, 1978. Mr. Kester is returning to private law practice as a member of the Washington, D.C. firm of William & Connolly.

In announcing the appointment Secretary Brown said, "Charles Duncan and I have relied heavily on the advice and counsel of John Kester for the past two years, and we are sorry to see him leave. However, we feel fortunate in obtaining the services of Togo West, who has done an outstanding job as the Navy's General Counsel. Mr. West will perform the same duties as did Mr. Kester for both Secretary Duncan and me."

Crime Commission Proposes New Outlaw Statute

BY JOYCE RHYAN

A new outlaw statute allowing citizens to shoot or kill persons considered as dangerous by the courts has been proposed by Gov. James B. Hunt's Crime Commission and J. Phil Carlton secretary of crime control and public safety.

Top Wake County law-enforcement officials praised the proposed statute, except for Sheriff John Baker. If the measure is enacted, it will replace an 1866 law declared

unconstitutional in 1976. Baker said, when contacted this week, that he had not gotten the opportunity to study the measure.

The 562-page Crime Commission's report also suggested the General Assembly enact a non-partisan merit system of selecting trial judges, develop tougher drug laws, give minimum prison terms for offenders convicted a second time on charges of prostitution breaking an entering and several new traffic laws.

J. Phil Carlton and

the Crime Commission held 37 public hearings in North Carolina before completing the detailed plan on crime.

The report called "A Crime Control Agenda for North Carolina," is opposed by many citizens and local civic groups vow to fight it.

A three-judge federal panel dismissed the outlaw statute as unconstitutional in 1976. This statute allowed courts to label a fugitive an outlaw, giving any citizen the right to capture, arrest or

kill him if he flees.

Carlton has been appointed to a seat on the North Carolina Court of Appeals by Hunt. His successor, Herbert Hyde, declined to comment on the Crime Commission's recommendations. It's believed that Hyde who has been labeled a liberal supporter of civil rights, will disagree with the outlaw statute.

Durham Police Chief Seagroves declined to comment on the outlaw statute stating he has not

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CHRISTMAS PARTY

The Durham Chapter of National Barristers' Wives, Inc. and their guests enjoyed a festive Christmas Party on December 17, at the home of the W. Wayne Perrys. Mrs. Perry and Mrs. C.C. Spaulding, Jr., served as hostesses for this occasion.

Among the out-of-town guests were Atty. and Mrs. Leon Stanback of Greensboro. Mrs. Stantack is President of the Greensboro Chapter of National Barristers' Wives, Inc.

At its next meeting, on January 21, the Durham Chapter will present J. Carlton Polk, Area Coordinator for the Durham County Community Education Program, who will speak on "Legislation Affecting Children." Continuing a commitment to serve as advocates for children, Durham Chapter members, with the Program Chairman, Mrs. Harry E. Groves, have planned several activities which focus on children and their needs.

SEATED - Left to Right: Mrs. Ronald W. Belfon; Mrs. Thurman Hampton; Mrs. A.J.H. Clement, III; Mrs. W.G. Pearson, II; Mrs. C.C. Spaulding, Jr.; Mrs. N.L. Belcher an Mrs. LaMarquis DeJarmon.

STANDING - Left to Right: Mrs. Artis Plummer, Jr.; Mrs. Leon Stanback; Mrs. Eric Michaux; Mrs. Harry E. Groves; Mrs. W. Wayne Perry; Mrs. R.E. Ball; and Mrs. L.D. Colbert.



RAILS ACROSS THE WATER

Quarter-mile ribbons of rail are fed from a quarter-mile long train for laying on Southern Railway's Norfolk Southern line to Norfolk, Va., as members of a rail gang monitor the machinery. This project on the five-mile Norfolk Southern trestle across the Albermarle Sound between Mackeys and Edenton, is part of Southern's on-going program of installing welded rail, which replaces the older jointed-type rail and significantly reduces the chance of rail-related accidents. Well over half of Southern's mainline track mileage now consists of welded rail—including virtually all of its most heavily used lines—and an additional 400 miles is being laid annually.

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