

THE PILOT

Gardner-Webb College

Thursday, September 19, 1974

BOILING SPRINGS, NORTH CAROLINA



DR. CHANG

Enrollment Increase Adds Faculty Members

Enrollment growth from year to year has made it necessary for Gardner-Webb College to add nine new faculty members.

Coming from Virginia Baptist General Board in Richmond is Dr. Alice Rae Cullinan, an assistant professor of religious education.

Dr. Cullinan earned her bachelor of arts degree from Carson-Newman College in Jefferson City, her master of religious education from Southwestern Baptist Theological Seminary in Fort Worth, Texas. She received her doctor of education degree in psychology and church administration from Southwestern Seminary.

Dr. Cullinan had served as a music and education director of the Triangle Baptist Church, Triangle, Virginia. She was also employed at the Tarrant County Junior College in Fort Worth and worked in a marriage and family counseling center in Fort Worth.

ARTHUR RAY POPE

Arthur Ray Pope, III, a Tennessee native, is the new director of counseling.

He earned his bachelor of arts degree from Mississippi College and a master of religious education degree from Southwestern Baptist Theological Seminary, Fort Worth, Texas. He has completed his residence requirements for a doctorate in psychology and counseling at Southwestern Seminary.

Dr. Pope has held several positions before coming to Gardner-Webb. He has taught high school English, has entered the missionary journeyman program of the Foreign Mission Board of the Southern Baptist Convention and served as a counselor at the Drug Abuse Prevention Center in Fort Worth.

G-W Professor Discovers New Mathematical Techniques

by Doug Puckett

Dr. Chang, a Gardner-Webb mathematics professor, recently discovered a new mathematical technique that many mathematicians before him have tried to find but have failed. Sponsored in part by the Office of Naval Research, Dr. Chang was successful in organizing the use of more than two variables in the Computer Sciences. As a result of this work and a dissertation with

Rolf E. Bargmann entitled "Internal Multi-Dimensional Scaling of Categorical Variables," Chang received his Ph D from the University of Georgia.

Jeffrey Chit-Fu Chang is a native of Canton, China and served as an officer in the Nationalist Chinese Army of Chiang Kai-shek. In 1949, he and his wife fled the invading Communist Army and settled in Taiwan. There, Chang served as a specialist in the Bureau of Statistics office of the government food bureau of Nationalist China.

In 1963, Dr. Chang came to America to continue his education in mathematics, and in 1967 his family joined him. In November, 1973, the Chang family was granted citizenship in the United States.

Dr. Chang was graduated from Western Illinois University in December, 1964 with a B.S. in Mathematics and a minor in Accounting.

In December of 1965, he obtained a Masters degree in Mathematics from Western Illinois.

Dr. Chang joined the Gardner-Webb faculty in January of 1966 and in 1968, he received a grant to study at the University of Georgia. In 1970, he completed the preliminary course with an average of 4.11, an "A-plus" average. At the University of Georgia, a 4.0 is recognized as a straight "A" average. An "A" is a 93 to 98 average. To get an "A-plus", a student must average 98 or above. Dr. Chang achieved this in five courses which enabled him to have a better than straight "A" average.

The dissertation that earned Dr. Chang his Ph D degree was preceded by a technical report he compiled and entitled, "The Weibull Distribution Estimation through Computer Display," published by the University of Georgia.

October 4

Mission Mountain Wood Band

'Busing' Comes To Gardner-Webb

Transportation to football games will be provided for the student body through the Student Services Office. Mr. Tom Poston will be in charge of chartering the bus. Arrangements can be made through his office in the CID Building room 114.

The price for the bus is \$1.75 per student and is non-refundable. Tickets for the game will be approximately \$1.50 and may be purchased through the Athletic Department of the College. However, the price of the tickets may vary from college to college. The bus will return to the campus immediately following the games.

Transportation to the games will be provided, if enough students are interested. If not enough interest is shown by the student body, no buses will be chartered.

LIBRARY PERSONNEL

Added to the library personnel is Mrs. Mary Jo Bracken.

Mrs. Bracken earned her bachelor of arts degree in history from Manhattanville College, and later earned a master's degree in library science from Simmons College and has done advanced work in library science at Boston State College.

Coming from Marion School in Shelby, Mrs. Bracken has worked as a librarian in Augusta, Georgia, a teacher in Macon County, Georgia and as a librarian at Arthur Young in Boston, Massachusetts.

PSYCHOLOGY DEPARTMENT

Named as an associate professor of psychology, is Dr. Roger G. Gaddis.

Dr. Gaddis earned his bachelor of arts degree from U.N.C. at Charlotte and his master's degree in English from the University of Tennessee. He earned his doctorate of philosophy in educational psychology at the University of South Carolina.

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Mr. Bill Lawson, speaking during Fall Revival

Science Moves To New Approach: Mathematics Moves To Craig

The Mathematics department, under the leadership of Dr. H.C. Dixon is waiting for the departmental move to the Craig Building, formerly the Dover Library. A new course has been added to the department this year, entitled Mathematics 101. It is designed to aid the slow learner in math. Students use workbooks and move at a more adapted pace than in regular courses. At this time there are 28 freshmen enrolled. The department has received five new electronic calculators which are presently available for student use. Also available is a key punch machine for use in the FORTRAN program.

The department is, according to the chairman, very eager to make the move and is pleased by the fact that the entire building is air-conditioned.

The science department, headed by Dr. Harrelson, is moving into a modular approach to the teaching of science. Individual projects are becoming a significant part of the program.

Dr. Harrelson said that the college farm is an integral part of the department and a definite effort is being made to improve the farm. He also stated that majors in the department are being encouraged to take a more active part in laboratory work.

Dr. Harrelson mentioned the importance of the science club for majors. At the initial meeting, individual and group projects will be discussed.

This semester the department has added a professor in the Geology department. He is Dr. Chalcraft, a graduate of U.N.C. Chapel Hill.