THE BENNETT BANNER

"Believing that an informed campus is a Key to Democracy"

WEDNESDAY, APRIL 11, 1973 | BENNETT COLLEGE, GREENSBORO, N. C. | VOL. XXXVI, NO. 4

HOME ECONOMICS SCHOLARSHIP ESTABLISHED AT BENNETT COLLEGE

Left to right — Mrs. Marie C. Moffitt is shown with Bennett College seniors Madelyn MeBane of Graham, N. C.; Valerie Hill of Greenville, N. C.; Mrs. Moffitt; and Bennie Totten of Reidsville, N. C. who is the President of the Bennett College Chapter of the American Home Economics Association.

Bessie Tarpley and Denise Johnson

MATH MAJORS PRESENT PAPERS AT ANNUAL MAA MEETING

Two senior mathematics majors presented problem solutions at the Fifty Second Annual Southeastern Section Meeting of the Mathematical Association of America held at North Carolina State University in Raleigh.

The presentations of Denise Johnson and Bessie Tarpley, two senior honor students, represent the second consecutive year that Bennett has had students in this capacity at the Annual Meeting.

Denise Johnson answered 'no' to the following problem and justified her answer with a proof: If three chords divide a circular region in at most seven pieces, can the seven pieces all have the same area? She used a proof by contradiction.

The problems presented by Bessie Tarpley was: Let A be an n x n matrix with entries zero and one, such that each row and each column contain precisely k ones. A generalized diagonal of A is a set of n elements of A such that no two elements appear in the same row or the same column. Show that A has at least k pairwise disjoint generalized diagonals, each of which consists entirely of ones.

The course, Senior Seminar, provides the opportunity for trying problems and studying articles in the journals, checking research currently being conducted in the area, experimenting with the APL language in a conversational programming approach with the computer, listening to lectures of men prominent in the field of mathematics, etc.

Also attending the annual meeting was senior mathematics major, Jean Caroline Roberson and faculty members, J. Alonso and Nellouise Watkins.

What Students Eat

This semester, ISP students are involved in completing a duplicate meal analysis project. This is a project in which the students are embarking upon an attempt to become acquainted with an important aspect of our daily lives which few of us know anything about in depth or detail. They will in fact try to gain some insight into what we eat, how much we eat, and try later to see whether and how our food intake varies in quantity and comparison in the course of time.

Can we identify the similarities and differences of the foods we consume, what the major and some of the minor chemical components in our foods are, and say anything about the nutritive value of our diets? These are some of the questions to which we would like to find the answers.

In the duplicate meal analysis we are attempting to obtain two kinds of data. First, to collect duplicates of everything that each of us consumes in the course of one day, and try to analyze this material in the laboratory for some of the major components the food contains. Second, to record the quantities and kinds of foods we eat in the course of a longer period of time in order to conduct a pencil and paper or computer analysis of this data with the help of food composition tables.

This project is directed by Miss Dorothy Harris, a faculty institute member of the Interdisciplinary Studies Program.

HUMANITIES FESTIVAL

The Humanities Division of Bennett College cordially invites you to participate in its Centennial Festival on Saturday, April 14, 1973, from 10:00 a.m.-6:00 p.m. in the College Quadrangle. The theme for the festival is "Spiraling Dreams from the Heart's Deep Core — 100 Years of Cultural Affirmation."

We hope that the activities for this centennial festival will reflect in some way the unfolding of the philosophy of the college as it became manifest in any given decade, or in more than one. For that reason we are considering an organizational format centered around the ten decades 1873-1973. Very generally, then, this might assume the following outline:

1873-1883	1923-1933
1883-1893	1933-1943
1893-1903	1943-1953
1903-1913	1953-1963
1913-1923	1963-1973

This year, as last, we will have continuous activity which will be performed simultaneously in three areas: (1) under the geodesic dome, (2) in the gymnasium, and (3) on the grounds within the quadrangle. The following is a list under broad categories of suggested activities for the day's festivities:

A. Activities under the dome—Dance; Drama: plays recitations; Music: glee clubs, choirs, ensembles; Excerpts from creative and exciting classroom activities.

B. Activities in Gymnasium — Water ballet; Gymnastics: swimming, calistenics.

C. Activities on the grounds surrounding dome — Art: collage and/or montage construction; crafts, demonstrations, murals; Dance; Multimedia: movies, slides; Photography: contest for best photographic essay; Foods Fair: food sculpturing; Markets of the world (educational markets in which Bennett graduates are now selling

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OUTSTANDING EDUCATOR

DR. J. HENRY SAYLES

Dr. J. Henry Sayles, chairman of the Science Division at Bennett College, was recently selected as one of the Outstanding Educators of America for 1973. He was selected on the basis of his teaching ability in the classroom, contributions to research, administrative abilities, civic service, and professional recognition.

Each year those chosen are featured in the national awards volume — OUTSTANDING EDUCATORS OF AMERICA. Nominations for the annual awards are made by officials of colleges and universities including presidents, deans, and department heads.

Dr. Sayles received his education at Arkansas State College, Michigan State University, the University of Michigan, and Ohio State University. A portion of his postdoctorate study was done on a fellowship from the Southern Fellowship Fund.

He is a member of several professional scientific organizations which include Beta Kappa Chi Honorary Scientific Society. His publications have appeared in the Bulletin of the Beta Kappa Chi Scientific Society and the Southern Fellowship Fund Bulletin.

During the past 15 summers, he has directed five National Science Foundation Summer Institutes at Bennett College for talented young high school students.

Dr. Sayles is married to Frederica Potts Sayles, a graduate of Bennett College.

Mrs. Alma Adams, Instructor of Art, presented an exhibit of serigraphs on the campus. The beautiful slik-screen pictures were priced for sale.