

Biomedical Course Begins in High Schools

By Joe Sigler

Duke, the Fayetteville Area Health Education Foundation (FAHEF) and the N.C. Department of Public Instruction are launching an experimental two-year biomedical education course in four North Carolina high schools this fall.

The aim of the experiment is to make more and better trained young people available to meet North Carolina's increasing demands for professionals in all health-care fields.

The program is called BICP, for Biomedical Interdisciplinary Curriculum Project, and comes under the overall direction of Dr. Thomas T. Thompson, associate dean for allied health education in the School of Medicine.

Evaluating Graduates

Dr. Paul Taylor of the Department of Public Instruction and Dr. Harold Godwin, chief medical director of FAHEF, are assisting in implementing the program and will participate in its evaluation as graduates are followed and monitored in their college years.

Schools introducing the BICP this fall are Scotland High School in Laurinburg, Richmond Senior High School in Rockingham, Harnett Central High School in Angier and Western Harnett High School in Lillington.

Thompson said that if the initial programs are successful and funding is available, the concept can be made available to other state high schools in coming years.

The programs in three schools are being financed by the Fayetteville Area Health Education Center (FAHEC), which is affiliated with Duke. The fourth program, at Western Harnett High School, is being funded by Harnett county. Dr. John Hurn, previously at Duke, now at the University of Iowa, made the initial contact with the high schools and explained the program in detail to the school personnel.

For Health Careers

The BICP is a two-year curriculum for selected 11th and 12th graders, designed to prepare them for entry into educational programs leading to

careers in the health field or as a college preparatory course.

Students, a maximum of 28 per class, are chosen on the basis of their interest and anticipated ability to do the course work.

Students for this year have been chosen and class size is averaging 22, meaning that about 88 students and 12 teachers, three from each of the schools, will be involved this year.

Jean Bruno, a curriculum development specialist in Thompson's office here, said students chosen will devote four hours of their school day to the BICP for two years.

Interrelated Courses

The course work consists of biomedical sciences such as human anatomy and physiology; social sciences including political science and sociology; and biomedical mathematics. Science consumes a two-period block of time, somewhat more than half of which is devoted to laboratory activities, while social

science and math are one-period courses. All three courses are interrelated and the students use information obtained in one course for an on-going project in another class.

An orientation session for teachers, principals, representatives from Duke and the Department of Public Instruction was held in late August at the FAHEC Campus in Fayetteville. The meeting was conducted by Dr. Leonard Hughes and Dr. Ronald Linder of Oakland, Calif., directors of the project.

The project was developed at the University of California, Berkeley, and the Health Sciences Management Corporation in Oakland. It has been implemented in a number of high schools in California, Michigan, Oklahoma and Massachusetts.

Program Needed

Thompson said the need for such a program has been recognized for years and was highlighted by the

results of proficiency examinations developed by the Department of Health, Education and Welfare to determine the level of competence of certain workers in the health-care field.

What the testing revealed, Thompson said, "was that the health career education system was not meeting the needs of the health-care system."

He said that the number of North Carolina residents who apply and are admitted to health career programs at Duke, for example, is far less than desirable and too low to build a good applicant pool for health careers in this state.

"A major impact on the quality of medical care in North Carolina could be achieved by increasing the size and quality of the applicant pool in this state, not only in the medical schools but also in all health-care fields," Thompson added. "That's what we hope to accomplish with this new program."

McBryde Perinatal Meeting Attracts 350

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immaturity, behavior, and weight problems in the mother and infant, she said.

The symposium has become so popular that this year many would-be registrants have had to be turned away for lack of space, Dr. Blackmon added.

General sessions on Wednesday and Thursday will be held in Page Auditorium next to Duke Chapel. A special high-risk perinatal nursing workshop will be held in the Old Chemistry Building Auditorium on Friday.

Dr. C. Everett Koop, surgeon-in-chief at Children's Hospital of Philadelphia will be the after-dinner speaker at a banquet Wednesday evening at the Downtowner Motor Inn in Durham. His talk is entitled, "To Live or Not To Live: Where Will the Decision Take Us?"

In addition to the 32 Duke faculty

members who will participate in the symposium, guest faculty will include:

-Lynn Cook, coordinator of the perinatal continuing education program at the University of Virginia Medical Center.

-Jeryl Gagliardi, nurse clinician in the newborn special care unit at Yale New Haven (Conn.) Hospital.

-Dr. Lawrence M. Gartner, professor of pediatrics at Albert Einstein College of Medicine in New York.

-Betty Johnson, associate perinatal coordinator at Memorial Hospital Medical Center in Long Beach, Calif.

-Dr. John Kattwinkel, assistant professor of pediatrics and director of newborn services at the University of Virginia Medical Center.

-Dr. Ernest N. Kraybill, associate professor of pediatrics and director of nurseries at North Carolina Memorial Hospital in Chapel Hill.

-Dr. A. Elmore Seeds, professor and chairman of obstetrics and gynecology at the University of Cincinnati School of Medicine.

-Beth Smith, maternal and child health supervisor at New Hanover Memorial Hospital in Wilmington, N.C.

The three-day event is named in honor of Dr. Angus M. McBryde, a Durham pediatrician who began teaching at Duke in 1931. McBryde retired as head of the hospital's nurseries in 1967 and as professor of pediatrics in 1972.

Nursing Workshop Planned On Neurosurgical Patient Care

By Chris Moran

Nursing Inservice Education

"Neurosurgical Nursing" is a two-day regional workshop to be cosponsored by Nursing Inservice Education and the Piedmont Regional Chapter of the American Association of Neurosurgical Nurses, Sept. 30 and Oct. 1, in the Gross Chemistry Building Auditorium.

The workshop is designed for nurses who care for neurosurgical patients. Keynote speeches and tutorial sessions throughout the workshop will reflect its four major themes: Neuro Assessment, Neurosurgical Operating Room Techniques, Head Trauma, and Pain Management.

Although the workshop is free for Duke nurses, applications must be filled out by each participant. Applications may be obtained in Nursing Inservice Education, Room 333, Baker House.

Members of the coordinating committee are Maureen Callahan,

nurse clinician, Neurosurgery; Myra Clark, head nurse, Neurosurgical Operating Room; Pat Fenlon, head nurse, Neurosurgery; Chris Moran, instructor, Inservice Education; and Elizabeth A. Trought, director, Inservice Education.

Other faculty for the workshop are Leslie Compton, patient care technician, Neurosurgical Operating Room; Barbara Geist, staff nurse, NSU; Rosemary Hargrove, staff nurse, NSU; Dr. Richard S. Kramer, assistant professor of neurosurgery; Jean Larson, staff nurse, NSU; Cynthia Miller, assistant head nurse, NSU; Dr. John B. Mullen, resident in neurosurgery.

Gail O'Connor, staff nurse, NSU; Margaret Palmer, staff nurse, NSU; Kathleen Roberts, staff nurse, Neurosurgical Operating Room; Janet Smith, staff nurse, NSU; Susan Sutcliffe, staff nurse, NSU; Deborah Webb, nurse clinician, Brain Tumor Study Group; Dr. Robert H. Wilkins, professor and chairman, Division of Neurosurgery.

Guest faculty include Marilyn June, a former patient, and Adele Moore, head nurse, Neurosurgical ICU, North Carolina Memorial Hospital, Chapel Hill.

Program Seeks Volunteer Corps

The Cancer Recreation Therapy Program is recruiting for a new corps of volunteers this month.

"This rehabilitation program of Duke's Cancer Center helps a cancer patient and his family cope with the diagnosis of cancer and adjust to the hospital environment," said Bev Rosen, program administrator.

The program offers a full range of individual and group therapeutic recreation services which includes weekly group workshops, out-trips, arts and crafts; music, audiovisual

activities, educational programs, diversional games, leisure counseling and other skill and interest development.

The program is looking for a diversified group of volunteers who can offer a minimum commitment of three hours a week of service and one evening a month for in-service training.

For more information or to set up a personal interview, please call Bev Rosen, 684-5201, or Louise Bost, 684-5692 (recreation director).



MAKING PLANS—Maureen Callahan (extreme right, front row) uses a model of the brain in discussing a neurosurgical procedure with others on the faculty for a workshop on "Neurosurgical Nursing," Sept. 30-Oct. 1. The other nurses are (left to right, front row) Chris Moran and Myra Clark; and (back row) Pat Fenlon, Janet Smith, Rosemary Hargrove and Cynthia Miller. (Photo by Ina Fried)