



the body politic

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SCHOOL of PUBLIC HEALTH

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Newsletter

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CONGRESSMAN ROGERS 1974 FOARD LECTURER

Congressman Paul G. Rogers, chairman of the House Subcommittee on Public Health and the Environment, delivered the Fred T. Foard Memorial Lecture on April 26, 1974. Making the introductions were Congressman L. Richardson Preyer, also a member of the House Subcommittee, and Dean Bernard G. Greenberg.

Mr. Rogers' address was the climax and conclusion of the Alumni Conference.

Speaking on "Implications of Current Health Legislation for Improved Health Care and Public Health Practice," Mr. Rogers took issue with the position of the president of the American Medical Association before the House Ways and Means Committee and the administration view that there is no health care crisis in the nation today. "We have been in a health crisis for some years," he said, "but finally people are concerned enough that they are demanding an evaluation of our programs."

There are still 200 counties in the nation that have no doctors at all. In addition, 50% of the doctors licensed to practice in this nation this year will have been trained in foreign countries. Although the latest study from the National Institutes of Health says that there is a shortage of almost 30,000 physicians, some professionals say the problem is one of maldistribution rather than shortage. The important question to be considered is one of outcome. "As we produce doctors are they in effect changing the health of the American people?"

Most manpower training legislation expires this summer and the administration is recommending cut backs in federal aid to medical schools and no money to support schools of public health. Mr. Rogers believes that there is a need for people to be trained in dealing with community health. The Congress has made the decision to include schools of public health in the legislation with all other health manpower training institutions. "Funds will



Paul G. Rogers

DARITY HEADS ALUMNI ASSOCIATION

Dr. William A. Darity (HEED), dean of the University of Massachusetts School of Health Sciences, was installed as president of the SPH Alumni Association at the luncheon session of the School's 1974 Alumni Conference.

The election and installation of officers and directors is the culmination of the work of the steering committee established by the alumni at the 1973 conference to determine the organizational pattern for the Association. Darity is the first president of the Association since the body was inactivated in the 1950's.

Dr. Martha Valiant (MHCH), chief of pediatrics at Lincoln Neighborhood Health Center, Durham, N.C., is vice president. Dr. Joan Cornoni (BIOS & EPID), assistant professor of epidemiology at the School of Public Health, was elected secretary. David Corkey (BIOS), management information specialist in the Office of Emergency Medical Services, Division of Facility Services, N.C. Department of Human Resources, Raleigh, N.C., is treasurer.

The Association directors elected initially to serve staggered terms are: Howard Barnhill (HEED) coordinator, Area Health Education Centers, School of Public Health; Becky S. Bowden (HEED), community development specialist, Family Planning Branch, N.C. Division of Health Services, Raleigh; Frances (Scottie) Byerly (HEED & HADM), Lewistown, Montana; Charles Harper (PALP), director, Division of Community Health Service, School of Public Health; Dorothy Hays (PHNU), consultant, North Central Regional Office, N.C. Division of Health Services, Winston-Salem; Richard House (HADM), administrator, Chronic Disease Branch, N.C. Division of Health Services, Raleigh; John T. Hughes (EPID & HADM), director of continuing education, School of Public Health; Donald Lisnerski (HADM), administrator, UNC-CH Student Health Service; Elta Mae Mast (HEED), professor, Department of Health Education, North Carolina Central University at Durham; Elizabeth L. McMahan (HEED), dean of the graduate school, East Tennessee State University, Johnson City; Craig Turnbull (BIOS), assistant professor of biostatistics, School of Public Health; Emily Tyler (HEED), Family Planning Program, Guilford County Health Department, Greensboro, N.C.

Members of the nominating committee are: Harriet H. Barr (HEED), director of public relations, School of Public Health; Lydia Holley (HADM), coordinator of the Off-Campus

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TALBOT HEADS PUBLIC HEALTH NURSING



Dorothy Talbot

Dr. Dorothy M. Talbot has been named professor and head of the School of Public Health's Department of Public Health Nursing effective July 1, 1974.

In making the announcement, Dean Bernard G. Greenberg said, "Dr. Talbot brings to the School extensive experience in the practice of public health nursing, in teaching undergraduate and graduate level students, and in the administration of teaching programs. We are most fortunate to have a person with her ability and background to assume the leadership of our public health nursing program."

Formerly director of the Public Health Nursing Section, School of Public Health and Tropical Medicine at Tulane University, Dr. Talbot holds the BSN degree from Texas Women's University at Denton; a diploma from Jefferson Medical College School of Nursing, Philadelphia, Pa.; the MA degree from Teachers College, Columbia University, New York; and the MPH and PhD degrees from Tulane University.

Prior to appointment to the Tulane faculty in 1963, she served as hospital nurse in a variety of settings, as public health nurse with the Louisiana State Health Department, and as instructor at the Louisiana State University, School of Nursing.

Her professional activities include membership in the American Nurses Association, American Sociological Association, American Association of University Professors, and American Public Health Association. She is currently a member of the Board of Governors and chairman of the Committee on Eligibility for the American Public Health Association and program chairman of Southern Branch APHA.

In 1964, she was awarded a World Health Organization Travel Fellowship and, in 1973, the Columbia University Teachers College Alumni award for Leadership in Professional and Allied Organizations.



Research data from OHSG is analyzed by (left to right) Dr. Tony McMichael, Mr. Robert Spirtas, and Dr. Lawrence Kupper.

WHO PASSES HEALTH EDUCATION RESOLUTIONS

Health education was the focus of two resolutions passed by the delegates of the member countries to the twenty-seventh World Health Assembly which met in Geneva in May, 1974.

The action was the culmination of a process begun in September, 1973, when WHO Director-General Halfan Mahler (Denmark) selected health education for a program review. The review was carried out by the Health Education Unit, Dr. A. Helen Martikainen, chief, with Emma Carr Bivins serving as special consultant. The document represented input from a number of health education professionals and professionals from other disciplines and included analysis of contributions received from the six regional offices and 17 headquarters units of WHO. The review, submitted to the Executive Board by Dr. Mahler, was very well received and, upon request, the document and comments of the Board transmitted to the entire Assembly.

The first resolution on health education recommends that WHO intensify health education activities in all programs; endeavor to enlarge its support to interested Member States in planning, implementation and evaluation of the health education components of their national programs; and cooperate with the United Nations and other appropriate organizations in programs in which health education plays a part and be continuously alert to opportunities for inserting health education into all programs. The Director-General is requested to bring to the attention of Member States the need for inclusion of health education and to develop ways and means of providing additional support including manpower and funds for the WHO program for health education.

The second resolution on health education of children and young people presents the necessity that WHO intensify their programs, explore and promote new approaches to problems and barriers in health education and support actively the basic right to the health of the child and adolescent including improvement in legislative provisions, and invite cooperation of other international organizations, particularly UNESCO and UNICEF, in these endeavors.

INDUSTRY - RELATED HEALTH STUDY TO BE CONDUCTED

The Occupational Health Studies Group will conduct a health study at the Firestone Pottstown Plant in 1974. The study will investigate work-related diseases.

Preliminary health studies at several Firestone plants suggest the need for further research in particular areas. Four of these to be investigated in the Pottstown study are skin rashes, the effects of dust and fumes upon lungs, the effect of certain types of chemicals upon the function of the liver and kidneys and the effect of on-the-job pressures and stresses upon health.

The study will include a questionnaire mailed to all clockcard employees, a brief health examination of 500 employees from selected work areas, and a follow-up (6-12 months) by questionnaire and health examination. The frequency of disease between groups of workers in different work areas will be compared. Some personal information will be included in the questionnaire in order to allow for the additional effect of such things as age and smoking upon health.

As the health research program continues, the University will recommend systems for routine monitoring of the work environment and the health status of employees to help prevent the development of new health problems. The overall research results, without identifying any individual, will be presented to both company and union.

CRISIS IN SCHOOLS OF PUBLIC HEALTH

THE ISSUES

THE RESPONSE

Cecil G. Sheps

B.G. Greenberg

Addressing the crisis faced by schools of public health in the keynote address for the Alumni Conference, Dr. Cecil G. Sheps, vice chancellor for health sciences and chairman of the Milbank Memorial Fund Commission for the Study of Higher Education for Public Health, discussed the major issues confronting these schools. "The issues are central to the quality of life and the future of the nation and as such need to be shared by institutions of higher education, generally, the government and the public as a whole," he said. The preparation of professional persons who work in public health is not just a problem for the schools but for the entire nation. The Commission, its chairman said, defines public health as those activities designed and organized to protect, promote, and restore the health and quality of life on a community-wide basis.

It is difficult to find an official or an unofficial health agency which is clearly taking on the tasks of monitoring, protecting, and restoring the health of the population; it is not a simple matter to find one that is placing proper emphasis on prevention, and reflects, in its program, the understanding that there are major forces in the way people live that affect their health. These are the problems which public health must address in the future by encompassing the whole area of the environment, patterns of living, and opportunities for the full development of human beings both physically and mentally. Therefore, the first issue is the importance of clarifying what are and what will be the pressing public health demands of the coming decade, particularly in the U.S., and of making these clear to the public, government, and institutions of higher education. Dr. Sheps did not suggest that we set aside the presently expressed concerns of Congress or people at various levels, but that we attempt to put these concerns in their proper perspective in order to recognize that the pressing public health needs are not simply to contain the cost of a particular health effort. Instead, we must evaluate the contribution of the effort to the protection and restoration of the health of the people.

The second issue following from the first is the determination of the requirements in research, manpower, and leadership to meet these needs. If there is a single place where the nation has the right to expect pertinent evaluation and formulation of the problems, Dr. Sheps feels it is substantially from the schools of public health.

Thirdly, there is the question of continuing or mid-career education for those persons who enter public health positions

Although the recommendations of the Milbank Memorial Fund Commission are not yet in final form, we have started to implement certain changes in the School's program in response to some of these issues.

In our educational program, there are several areas upon which we are concentrating. One concern is with the training of persons for the multitude of beginning level positions in the field of public health. Many of these positions are presently unfilled or occupied by persons without adequate training in public health. To alleviate this situation, we are working toward the reinstitution of the undergraduate program in public health leading to the BSPH degree. Only recently has the moratorium on new programs on The University of North Carolina sixteen campus system been lifted, and we are seeking permission to go ahead with plans to develop undergraduate education in public health.

In addition to the undergraduate major in public health, a number of courses are being offered for undergraduates in the College of Arts and Sciences and in the General College. These include courses in human nutrition, environment and ecology, medical care and the health services delivery systems, and a most popular one called "Topics in Human Sexuality."

Our field training program, in the past conducted in a block of time during the spring or summer, will be offered instead on a concurrent basis starting with new students at the beginning of their educational program. The class schedule will be cleared on Wednesdays, starting in the fall of 1974, so that master's degree students will be exposed to field practice as early as possible. Hopefully, this will require the faculty to spend more time in the field with the students and to learn about real problems.

In our School, as in other schools of public health, one of the areas stressed by Dr. Sheps has been the neglect in evaluation of our products. We do not know how well our students do when they leave, nor whether the curriculum provided meets their needs five to ten years later.

More of the School's faculty must get involved in practice for the enrichment of the teaching program. As a part of our formal curriculum and in service to communities, we need the responsibility of running an HMO or model health center and placing our students in it so that both students and faculty will experience the practical problems of administering a health agency.

When schools of public health began, as Dr. Sheps indicated, students came from a limited number of disciplines and were primarily physicians, nurses and engineers. Later other disciplines were admitted to schools of public health without the required three years of experience in the field. Recruitment of all disciplines, of many more minority groups, and of North Carolina residents is a priority which we have set. For instance, in the two years since I have been Dean, the enrolled percentage of North Carolina residents has increased from about 30% to 40%, the number of black students has been increased from 1% to about 10%, and the number of black Americans on the faculty should be about 10 or 12 by fall of 1974.

Thus, the first broad area where we are hoping to meet some of these challenges is in the changing nature of our educational program.

In the area of research, we need more interdisciplinary and multidisciplinary projects right within our own School. One excellent example of this kind of development is the oc-

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Sheps



Greenberg

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Class of 1944

Mary Ellen Brodie (HEED) writes that she has retired from her position as director of Health Education with the S.C. State Health Department. . . . **Mary Ann Sadar** (HEED) was named Outstanding Teacher of America in 1973 in the Lake County, Colorado, school system. Mary Ann was honored by her colleagues at an appreciation dinner when she retired from teaching at the close of the current academic year. A recent reunion at the Morgan-Tyler residence in Bat Cave, N.C., brought together Mary Ann, **Elizabeth McMahan**, **Ruth M. Jobe**, and **Jennie Case**.



Mazie Levenson

Class of 1945

After thirty-three years of service, **Mike E. Kossack** (HEED) retired as health educator from the Division of Health Maintenance and Ambulatory Patient Services, Louisiana Health and Social Rehabilitation Services Administration. Mike will continue to teach at the Tulane School of Public Health. Mike and his wife now have four great grandchildren. . . . **Elta Mae Mast** (HEED & 1966) has been promoted to professor effective September, 1973. Butch joined the faculty of the Department of Health Education at N.C. Central University in the fall of 1972. She will spend the summer with her mother in Illinois recuperating from an illness. . . . **Frances Kornegay** (HEED) is director of Head Start in Goldsboro, N.C. . . . Since retirement in April 1973, **Katie Lube** (HEED) has continued to act as observer in a class for medical students in the School of Medicine in San Juan, Puerto Rico. . . . **Annie Laurie Keyes** (HEED) is now teaching social studies at the Harry M. Arndt Middle School in Catawba County, N.C. . . . Since early retirement from the school system in Greensboro, N.C., **Mazie Levenson** (HEED) has been involved in environmental movement and land use controls. In her position as precinct chairman for the Democratic Party and as a member of the League of Women Voters, the YWCA, and the Environmental Council of Greater Greensboro, she has planned tours and programs to inform people about the environment and about what is happening in Guilford County. She drew up an environmental plank for her political party in 1972 and actively supports legislation for state-wide land management.

FROM FAR AND NEAR

ALUMNI NEWS

Class of 1946

Dorothy F. Dunn (HEED) is regional program manager for consumer affairs with Region V, Food and Drug Administration, Chicago, Illinois. Dorothy has been actively involved in Region V Training Programs, a Nutrition Forum for educators and a longitudinal study on student smoking. . . . **Mary** (HEED) and **Dewey Shurtleff** have purchased a townhouse in Rossmore Leisure World in Laguna Hills, California. They plan to move from Washington, D.C., in June, following Dewey's retirement. . . . **Olga H. Anderson** (HEED), St. John's, Newfoundland, attended the 6th International Congress on Dietetics in Hannover, Germany. Afterward she toured Germany and then flew to Sweden to visit relatives. The Department of Health has added another nutritionist to the staff to work on the west coast of the province. . . . **Grace Daniel** (HEED), head, Health Education Branch, N.C. Division of Health Services, reports that the reclassification and upgrading of health education positions was completed during 1973. Family planning was the program area to which the Branch devoted much of their time in cooperation with **Becky Bowden** (HEED 1957) and **Eddie Brown** (HEED 1957). The health education staff had been regrouped into four regional offices.

Class of 1947

Now living in Chapel Hill part-time, **Clyde Deans** (HEED) is writing a children's novel. . . . **Marion Riser** (HEED) now heads the BS and MS degree programs in school health, community health and environmental health at Florida State University, Tallahassee. His wife, **Sue Lewis** (HEED) is head of the Allied Health Programs at Tallahassee Community College. . . . **Ida Howell Friday** (HEED) has been elected to the statewide board of directors of the Children's Home Society of North Carolina, Inc. Ida played a key role in the establishment of the Chapel Hill Preservation Society. Alumni who visit Chapel Hill will want to see the Horace Williams home which is being preserved under the auspices of the Society.

Class of 1949

Charles V. Owens, Jr., has been elected to the Board of Health in Elkhart County, Indiana.

Class of 1950

A clinical specialist, **Laura Bruce** (HEED) is located at Gaston Memorial Hospital in Gastonia, N.C. . . . **Joan List** (HEED) retired in 1973 from her health education position in Vancouver. This year she has been enrolled in a study group in individual psychology and has been actively involved in an organization to improve human relationships using Adlerian methods. . . . **Ruth F. Richards** (HEED), director, Office of Education and Training,

Health Facilities Planning and Construction, Department of Health Education and Welfare, was presented the Meritorious Service Medal by the USPHS. The medal was awarded "for superior performance in stimulating and developing patient education programs by collaborating with national health agencies in working toward a sound financial base for support of patient education efforts and for improving the educational effectiveness of seminars on hospital operations. . . ." **Callie Margaret Johnson** (PHNU), librarian at the UNC Division of Health Sciences Library, will retire June 30, 1974. . . . Two alumni, both distinguished practitioners in the state of N.C., were inducted into the Theta Chapter of Delta Omega in 1973. They were **Thomas W. Bivines** (ENVR), director of environmental health in the Mecklenburg County Health Dept., Charlotte, and **Marshall Staton** (ENVR 1954), director of the Sanitary Engineering Section, Division of Health Services, Department of Human Resources.

Class of 1952

Charles W. Kim (PALP & 1956) is associate dean and associate professor, Health Sciences Center, State University of New York, Stony Brook, N.Y. . . . **Dan Douglas Gowings** (ENVR) assistant professor of physiology and health at Ball State University in Muncie, Indiana, taught at Soesterberg, The Netherlands and Bitburg, Germany, during the 1973-74 academic year.

Class of 1953

Etra Page Wood (HEED) has been appointed regional director, North Carolina Division of Health Services, South Central Regional Office in Fayetteville. Etra and **Charles** (HEED) will continue to live in Raleigh. . . . **Thomas H. Gray** (HEED) has returned to the United States following his assignment with WHO to become director of health education with the West Virginia State Health Department in Charleston, W. Va.

Class of 1954

Ibrahim Missak Wassef (HEED) represented Egypt at the 1973 International Conference for Health Education in Paris. He was elected vice president of the International Union for Health Education for the Mediterranean Area. Ibrahim retired in October, 1973, one year before the official retirement age of 60 years. He is now working on a health education book in Arabic for Schools of Health Inspectors in Egypt.

Class of 1957

Marian Wettrick (HEED) is now director of community services, National Council on Alcoholism in New York City. . . . **G. Fred Lee** (ENVR) has accepted a position with the Institute for Environmental Science, University of Texas-Dallas.



Natale Sicuro

Class of 1958

David A. Tejada (HADM) holds the position of director, Pan American Health Planning Center, Pan American Health Organization, Santiago, Chile. . . . **N.A. Sicuro** (HEED), dean of continuing education and associate professor of educational administration at Kent State University, has been named associate provost for medical affairs at Kent State and assistant to the provost of the new medical college, Northeastern Ohio Universities College of Medicine. Highly instrumental in the development and formation of the new medical college, he will remain as chairman of the liaison board in addition to retaining the two other medical college-related positions.

Class of 1959

Captain Louis R. Kaufman, USN (HADM) has been transferred to the Washington area and is living in Arlington, Virginia.

Class of 1960

Bobby Jean Hopkins (HEED) was married on February 18, 1974, to J.C. Herrin. Bobby Jean and J.C. are living in Durham, N.C. . . . **Hyman K. Schonfeld** (HADM—EPID, 1962) holds the rank of associate professor of public health, Department of Epidemiology and Public Health, Yale University, School of Medicine. . . . **William Burns Jones** (HADM) has returned to the North Carolina Division of Health Services as director of the Chronic Disease Branch. . . . **Victor Fuqua** (HEED) writes that he is state health planner, Kentucky Department of Human Resources in Frankfort. . . . **Homer Winston Thompson** (HADM) is now executive director, Community Service Council, Fort Lauderdale, Florida.

Class of 1961

Julia Galbaugh (HEED) has enrolled in the School of Health, Physical Education and Recreation, University of Tennessee as a doctoral student. While working toward her degree, she will serve as teaching assistant in the School.

Class of 1962

Garland D. Monola (HADM) is director, Department of Community Improvement, Norfolk, Virginia. . . . **Cristela Delgado Murphy** (HEED) reports that the undergraduate program in health education has already

begun in the College of Education at the University of Puerto Rico. The program is designed to provide effective health education teachers for the school health programs and candidates for other agencies.

Class of 1963

Carolyn Allred (HEED) has accepted a position with Central Piedmont Community College, Charlotte, N.C. In this position, Carolyn will be developing a program in health education in the Department of Health, Physical Education and Recreation. . . . **Betty D. Johnson** (HADM) has been promoted to executive director, Community Nursing Service of Delaware County, Pennsylvania. She is an active member of the Pennsylvania Chapter of the American Physical Therapy Association in which she has held many offices, including that of president. She is also a former treasurer of the Public Health Section of the Association. Betty's election as president of the Soroptimist Club of Delaware County and as vice president of the "Meals on Wheels" is further proof of her interest in the community. . . . Formerly with WHO, Western Pacific Region, Manila, Philippines, **R. Gordan Trueblood** (HEED & 1967) now holds an appointment at the Institute of Public Health, Silliman University, Dumaguete City, Philippines. Gordan visited Chapel Hill recently while on leave. . . . **Junior L. Burt** (EPID) was appointed associate professor of environmental health, East Tennessee State University, Johnson City, Tennessee, in September, 1973. He is teaching epidemiology, food sanitation and parasitology. . . . An instructor and coordinator of community health, **Lillian M. Hawthorne** (PHNU) is on the faculty of the Johnston-Willis Hospital School of Nursing in Richmond, Virginia. . . . **Ben Toole** (HEED) executive director of the Adams County Mental Health Center, Quincy, Illinois, has been elected a member of the American Academy of Medical Administrators. The Academy is an international professional society which encourages a scientific approach to medical administration; establishes and maintains a criterion of competency for those engaged in the profession; and provides recognition to medical administrators by means of fellowships, scholarships and grants. . . . **Edmund J. McTernan** (HEED) is editor of *Educating Personnel for the Allied Health Professions and Services—Administrative Considerations*. Ed is dean of the School of Allied Health at State University of N.Y. in Stony Brook, N.Y.

Class of 1964

Dan Chock (BIOS) joined the staff of the Rush-Presbyterian-St. Luke's Medical Center in Chicago in January, 1974. . . . **William Darity** (HEED) is now professor of public health and dean of the School of Health Sciences of the University of Massachusetts at Amherst. . . . **Jane M. Brennan** (PHNU) directs the Visiting Nurse Association of Memphis, Tenn. . . . **J. Earl Williams** (EPID) is chairman, Department of Community Dentistry, in the Medical College of Georgia, School of Dentistry. . . . **John C. Key** (HEED), assistant professor in the Department of Family Medicine, School of Medicine and Depart-

ment of Health Education, SPH, has resigned to take a position with the Wake County, N.C., Area Health Education Center.

Class of 1965

Mary Segall (PHNU) is chairman of the baccalaureate program in the College of Nursing, Arizona State University, Tempe, Arizona. . . . **Joan Burkhart** (HEED) has moved to New Orleans, Louisiana, from the University of Texas at Austin. . . . **Frank Nastars** (HADM) is project director of the Group Health Planning Committee, Inc., which is working to establish an HMO in Winston-Salem. . . . **Dianne Greenhill** (PHNU) is director of nursing, Memphis-Shelby County Health Department in Memphis, Tennessee.

Class of 1966

Doris E. Roberts (EPID), one of the Public Health Nursing Section's representatives to APHA Governing Council and chief of the HEW Public Health Service Nursing Practice Branch, has been elected a member of the Institute of Medicine, National Academy of Sciences. She represented the Institute in Geneva, Switzerland, where she was involved in the preparation of a background document on community health nursing for WHO. . . . The chief, Section of Laboratories Division of Public Health, Alaska Department of Health and Social Services is **Frank P. Pauls** (PALP). . . . **Major William Forrest Kendall** (ENVR) married Elaine Ellen Reinhardt in May, 1973. . . . **Dallis J. Pierson** (HEED) was appointed executive director, Nevada Lung Association in Reno.

Class of 1967

Howard E. Sperry (HADM) is associated with the Millard Filmore Hospital in Buffalo, N.Y. . . . **Andrew Brown** (HEED) is now on leave from SUNY, Brockport, N.Y., to work on his doctorate at the School of Health, Physical Education and Recreation, University of Tennessee at Knoxville. Andy is a teaching assistant. . . . In her position as district medical superintendent, Division of Service for the Blind, **Lucille B. Quinn** (PHNU) is located in Greenville, N.C. . . . **Morris T. Suggs** (PALP) is currently employed at the Center for Disease Control in Atlanta. . . . **Charles A. Branagan, Jr.**, (HADM) is director of pharmacy, The Genesee Hospital, Rochester, N.Y. . . . The Department of Physical and Occupational Therapy of the Medical College of Georgia and the Department of Physical Therapy of Georgia State University held an institute to enhance the competency of the therapist in evaluating clinical performance. Faculty for the institute included **Patricia Yarbrough** (HEED). . . . **Daniel Fung** (ENVR) and his wife, Catherine, are the proud parents of a new son, Francis Yein-Chei, born December 13, 1973. Daniel is assistant professor of microbiology at Pennsylvania State University. Last June, Daniel presented a lecture in the symposium on Rapid Methods and Automation in Microbiology in Stockholm, Sweden.

THE ISSUES

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from other disciplines. The problem here is to orient them as deeply and effectively as possible to the framework in which they are living and working so that the health of the people is the ultimate objective.

The fourth issue raises a series of questions which deal with the optimum organizational arrangements within universities for public health education programs. Is a school of public health always necessary and the optimal site to prepare professionals for various parts of this wide range of activity? What are the advantages and disadvantages of individual educational programs unrelated to schools of public health, such as hospital administration? This issue also includes a question about the kind of interaction that universities can and should develop between their various academic units to supply theoretical nourishment from relevant fields for practical application to field problems.

The optimum relationship between faculty and field practice responsibility is the fifth issue. It has been said by some that schools of public health are the only schools where faculties teach who do not practice their profession. In many quarters of the nation there are serious reservations about the price that is paid in quality and the nature of instruction by the lack of continuous, responsible involvement with field problems on the part of substantial portions of the faculty of many schools.

Schools of public health are national and regional resources. This sixth issue has implications for their programs, their organization, and their financing. Suggestions have been made, for example, that schools of public health should be a resource not only for training personnel for neighboring states but also for medical schools in their region.

Related to this is the seventh issue which has to do with the diversity of schools and the wisdom of organized cooperation among them. There is a feeling that, instead of each school trying to do everything at the highest quality, there should be certain centers for advanced training in specialized areas.

The eighth issue deals with the contributions which schools of public health can make in terms of education, research, and service to the university as a whole and vice versa. "There is an unmistakable trend in universities which have academic health centers aimed at uniting these activities with the rest of the university," he said.

The ninth issue Dr. Sheps suggested for consideration is the special potential and the problems of arranging interdisciplinary areas of research, education, and service on university campuses. This is not only a question of one school working with another school on the same campus but of departments within schools of public health knowing about each other and working more closely together.

Tenth, and in Dr. Sheps' view an issue of greatest importance, is the responsibility of schools of public health in the advocacy role. He believes that the faculty of these schools have the responsibility to contribute to public understanding and public policy by increasing the awareness of the people and their elected officials to the real issues in restoring and protecting health. In these terms, public health work is an entity based on two things: knowledge of the problems, needs and opportunities relating to the health of the public, and the commitment to do something about them. In this connection, Dr. Sheps urged that our strongest potential allies are the people themselves. He concluded by saying, "We must share with the public what we know about what remains to be done in public health and then, and probably only then, will public health come closer to reaching its goals."

The officers and directors of the North Carolina Public Health Fund, Inc., acknowledge with sincere appreciation contributions to the Fund in memory of:

Dr. Morris Minner
father of Dr. Naomi M. Morris
Margaret Baggett Dolan
Ann W. Haynes

Mrs. Ruth Murry Richards
mother of Ruth Richards
J. Roy Norton

JOHNSON MEMORIAL FUND

The Trois E. Johnson Memorial Fund has been designated as an emergency loan fund for students. Under current policies a student may borrow an amount not to exceed \$100 on a short term, interest free basis. It is designed for students who need small amounts of money which they can repay in 60 to 90 days.

At the time of his death in 1972, Dr. Johnson was a member of the faculty of the School and the Carolina Population Center. A population expert, he was a former director of the U.S. Programs Office at the Population Center. In his position at the University, he coordinated family planning research projects in North Carolina and the United States and taught in the family planning programs of Health Administration and Maternal and Child Health.

DCHS COORDINATORS ANNOUNCED



Elizabeth Tisdale



Sherman Brooks

Coordinators of the Technical Assistance and Field Training Units in the School's Division of Community Health Service have been announced.

The Division was established in 1973 to work with North Carolina communities to help them improve the quality and quantity of their health services.

Sherman Brooks, former associate professor of health at Fayetteville State University, has been named coordinator of Technical Assistance. The coordinator of Field Relations is Elizabeth Tisdale, an alumna and former Charlotte health planner.

Technical Assistance organizes and coordinates the consultative efforts of public health faculty as they respond to requests from community agencies for help with specific health problems. The planning and coordination of the field training of public health students is done by the Field Relations unit. The assignment of students to health service organizations gives them the opportunity to provide services and participate in identifying and solving health problems.

Brooks, who was born in Pembroke, received his AB from Pembroke State University and MPH degree from the University of Michigan, School of Public Health. He is a member of a number of professional organizations, including the Association of Native American Health Professionals, of which he is president.

Miss Tisdale is a former project director, Area Health Education System of the Region L Council of Governments with headquarters in Rocky Mount, N.C. For three years she worked in the Charlotte, N.C., Model Cities Program in an experimental program providing comprehensive health insurance for low income residents of the Model Cities neighborhoods. A graduate of Howard University, she received her MSPH degree from UNC-CH, School of Public Health.

RE-ENERGIZING PUBLIC HEALTH THE ROLE OF EPIDEMIOLOGY

H.A. Tyroler

In general, the control of major causes of premature mortality and suffering so prevalent in the latter portion of the 19th century and the first two decades of the 20th century is a series of dramatic achievements for which the public health community of North Carolina can well take pride. We are all familiar with these changes. The control of diseases, such as pellagra, hookworm, tuberculosis, and undernutrition, was achieved through public health motivated improvement in sanitation, nutrition and through the general social and economic advancement of the citizens of the state.

In the past three decades, there has been major improvement in the general health of North Carolinians as measured by mortality for infants, mothers and young children. However, of those persons in middle age and older, only the white female has shown a continuing decline in mortality. A stabilization of death rates for white males has been achieved, with marked change in the proportionate distribution of the causes of mortality. Even with this plateauing of mortality for the adult white male population, major differentials still exist with the nonwhite population experiencing markedly greater probability of premature mortality. This inequity demands North Carolina public health attention at the present.

Given the generally successful control of the epidemics of earlier epochs, what are the major forces responsible for contemporary health problems?

The rapid transition of North Carolina residents from predominantly rural residents with stable lifestyles and values to workers in service and occupations as new migrants to cities represents one of the major determinants of the new patterns of health and disease in our state. It is important to recognize that although we still are one of the most rural states (some 60% of the North Carolina population residing in rural places, contrasted with a national average of 25%), our rate of change to an urbanized and suburbanized society is one of the more rapid in the nation. The most sparsely populated areas of both eastern and western North Carolina have been the site of major out-migration over the last two decades while there has been a simultaneous growth in, but not restricted to, the piedmont area.

These migration patterns result in major social and occupational dislocations. Our research, and that of others, indicates that the transition involved in changes of lifestyle of this type are not without stress, and the rapidity with which these changes take place and the absence of preparation for them of a social and psychological nature are attended by health consequences of both an emotional and a physical nature. There are many advantages of this new lifestyle — relative affluence, better nutrition, improved hygiene and sanitation, greater overall accessibility to medical care, and less risk of infectious and dietary deficiency diseases. There is, however, clear evidence of a simultaneous increase in the chronic diseases and the so-called diseases of stress-origin. It is probable that in addition to social and psychological changes, the transitions involve major changes in dietary patterns, exercise, and smoking — all risk factors for the chronic, noninfectious, fatal diseases. These invite ongoing surveillance and epidemiologic research analysis in the traditional view of public health interest primarily in the identification of etiologic factors and with public health activities focused on the goal of primary prevention by modification of the environment.

There is, however, another major determinant of illness distribution in our state — that is the personal health services and medical care delivery system. The capability of medical and surgical technology to influence positively and negatively

the natural history and clinical course of disease is growing rapidly and continuously.

In addition to public health concern with effectiveness of medical care in producing favorable and unfavorable outcomes, there is our legitimate and necessary concern with the care function of the health services system. The requirements for monitoring the utilization, effectiveness and quality of care present problems that contemporary public health can not ignore.

Contemporaneously in North Carolina, as in the remainder of the United States, there is a partitioning of responsibility for health care of a preventative, therapeutic and rehabilitative nature among diverse institutions and agencies, and there is an absence of an effective coordinating mechanism responsible for planning for all the elements of all of these components of total health care. Simultaneously with the development of specialized knowledge and techniques there has been a growing awareness of an unmet need for general, non-specialized primary medical care. We are concerned with total utilization of services but are not certain how much of the crisis is a function of mal-utilization, gross over-utilization or gross under-utilization by subsegments of the population. We are vitally interested in knowing which segments of our society have which care patterns. One of the major concerns is in the cost containment of this expensive sector of our societies' economy. And finally, we need to determine in a meaningful, quantitative fashion for the state of North Carolina, the cumulative total effect or impact that the health care system has on the distribution of health in our population.

A related major research need is for the development of clinical epidemiologic indicators of care. As epidemiologists we can, and should, monitor the indicators of the functioning of our health care system and develop strategies for improvement and modification.

There is also a need for the development of general, non-specific non-categorical disease, outcome measurements of functional status — of social ability rather than disability; of ability to perform activities of daily living, to be ambulatory, to recreate and to work.

Finally, as mentioned earlier, the care function of the medical care system is of equal importance with its cure function — to develop indices of acceptability and satisfaction with care, is another challenge to clinical epidemiologists. Epidemiologists can, and should, provide an overview of the health needs of the total community of the residents of North Carolina, the form and pattern of care of all varieties currently offered, and measurements of the effectiveness and outcome of the care patterns.

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Drs. Sagar Jain, John V. Turner, and Patricia Barry discuss the new major in health administration now available at North Carolina Central University. The program is offered by cooperative arrangement with UNC-SPH Department of Health Administration and the NCCU Department of Business Administration.

PERSONNEL CHANGES

In addition to other appointments announced in this issue, the following have been approved by the Board of Governors:

Dan Edward Beauchamp, assistant professor in the Department of Health Administration. A graduate of the University of Texas, he holds the MA and PhD degrees from Johns Hopkins University.

John W. Hatch, associate professor, Department of Health Education. Before coming to UNC, as a research associate for the Health Services Research Center, Hatch was director of Community Health Action at the Tufts Delta Health Center in Mississippi. A graduate of the University of Kentucky, he holds the MSW from Atlanta University School of Social Work and is completing his DrPH at UNC.

Promotions for the School of Public Health include: professor, Cecil Slome, (EPID); associate professor, Charles L. Harper (HADM); Ronald W. Helms, (BIOS); Linda W. Little, (ENVR); Richard H. Shachtman, (BIOS); Michael J. Symons, (BIOS); and assistant professor, Beatrice B. Mongeau, (PHNU).

Resignations: Frederic C. Shorter has resigned as part-time professor of biostatistics and Francis C. Lindaman as assistant professor of health education and director, Continuing Education in Health Sciences. Mr. Lindaman is now director of health education in the New York City Health Department.

Retirements from the School at the end of the 1973-74 academic year are: Robert B. Watson, professor (PALP); Geraldine Gourley, associate professor (MHCH); Dorothea Leighton, professor (MENH); O. David Garvin, adjunct faculty (HADM); and J.H. Rose, visiting professor (BIOS). Ms. Gourley will continue to work with the MHCH Department on a part-time basis. Dr. Leighton will move to Berkeley California, in August. Our sincere appreciation for the contributions made to the School's programs and our best wishes go with each.

ALUMNI NEWS *Cont. from page 5*

Class of 1968

Prema Bali (MHCH) was promoted in 1972 to associate professor, Department of Preventive and Social Medicine, All India Institute of Medical Sciences in New Delhi. During 1973, one of her research papers, "The Perception of Children Regarding Sex, Conception, Contraception and Family Planning," was selected for the James Flett Award. . . . Virginia Li Wang (HEED) spent five weeks in the People's Republic of China to observe health care service delivery and while there assisted in the production of a film documentary on Cooperative Health Care and the Barefoot Doctor. Virginia presented three papers at APHA last fall based upon her observations. . . . Kenneth A. Rethmeier (HADM) writes that he is still with the Navy acting as administrator of the Naval Regional Medical Center in charge of four major outpatient facilities. Ken will have an attitude study published in the near future. . . . Yawarat Porapakkham (BIOS) holds an ap-

pointment in the School of Public Health, Mahidol University, Bangkok, Thailand. . . . P. Aarne Vesilind (ENVR), professor of civil engineering at Duke University, is vice chairman of the Triangle Universities Consortium on Air Pollution.

Class of 1969

A letter from Lt. Col. Joyce A. Christopher (PHNU) informs us that she was assigned on March 1, 1974, to the Academy of Health Sciences, Health Services Command in San Antonio, Texas. . . . Congratulations to Clare and Lee Davis (MHCH) on the birth of their daughter, Kerry Sian, on February 23, 1974. . . . Dave (MHCH) and Kathy (HEED 1971) Hibbard are now located in Denver, Colorado, where Dave is one of two pediatricians in a small clinic in a Chicano ghetto. The clinic staff is in the process of a chart review on the two to three thousand pediatric patients in order to institute a problem-oriented record system and bring the problem list summary up-to-date. . . .

Carolyn A. Williams (EPID) received one of the 1973 Public Health Nursing Section Awards at the 101st APHA Annual Meeting. Carolyn is associate professor of nursing, UNC-CH. . . . As public health nursing consultant, Alexa Freese (PHNU) is working with the Arizona State Health Department. . . . Leo Fishel (HADM) has moved from Rockville Centre, N.Y., to assume a new position in Washington, D.C. . . . On March 1, 1974, Frances Strychaz (HADM) assumed a position with Jackson Memorial Hospital in Miami, Florida. . . . Virgilio Escutia, Jr., (PALP) has been granted a leave of absence from his faculty position at the University of Texas School of Public Health to become a laboratory advisor for the Pan American Health Organization. He will be stationed in Buenos Aires, Argentina. . . . In her position with the Georgia Department of Human Resources, Vivian S. Ellis (PHNU) is area network director, La Fayette, Georgia.

Class of 1970

Formerly with the State Health Department in Florida, Benjamin A. Johnson (HADM) is now assistant director, medical, West Virginia State Health Department. . . . Since her husband was assigned to Fort Monroe, Virginia, Nancy McSlarrow (HEED) has been health planner, Peninsula Planning District Commission, Hampton, Virginia. . . . A Major in the USAF Nurse Corps, Nancy J. Barrow (PHNU) is stationed at Vandenberg Air Force Base, California. . . . Gary N. Costello (HEED) is coordinator of lead poisoning prevention, Erie County Department of Health, Buffalo, N.Y. . . . Billie C. Whisnant (HEED), Bill, and daughter, Kelly, moved to Nashville, Tennessee, in June. Bill is going into radiology and will do his residency at Vanderbilt University. . . . Russell Richardson (MHCH) is president of the National Family Planning Forum, Inc. Founded in Chapel Hill in the Spring of 1972, the Forum now has 400 members in all but two states. The 1974 meeting was held in April at the Shoreham Hotel in Washington, D.C. . . . Within the four regions recently established in the N.C. Department of Human Resources, James S. McCormick (HADM) has been promoted to

regional director of the Division of Health Services, Western Regional Office at Black Mountain. . . . Joel Montague (HADM) is regional director, Near East/Africa, for the Population Council. . . . Prem P. Talwar (BIOS) and his wife, Shipra Rakshit (HEED 1967), are living in New York City where Prem is a research associate at Columbia University.



Luong Uyen

Class of 1971

Brian H. Greene, Jr., (HADM) holds the position of assistant director, Guilford County Family Planning Program, Greensboro, N.C. . . . Warren M. Hern (EPID), who was chief, Program Development and Evaluation Branch, Family Planning Division for OEO, resigned in protest of suppression of OEO sterilization guidelines to become medical director, Boulder Valley Clinic, Inc., a new non-profit community abortion clinic. . . . Claudia May Smith (PHNU) has been promoted to assistant professor of nursing at the University of Maryland, School of Nursing, in Baltimore. . . . Marilyn A. Reynolds (MENH) is serving as public health coordinator with Project Hope. . . . Ray Greenlaw (HADM) became associate executive director with the Florida Health Planning Council in March, 1974. . . . Joe Everett (HEED) is now employed in the area of health planning and education, TVA Division of Medical Services, Chattanooga, Tennessee. . . . Gerald (MENH), Mary Alice (PHNU) and Damian Cecere moved to Michigan in March where Jerry has accepted the position as program director of Community Mental Health Services for Macomb County, Michigan. Last fall he was elected to a three-year term as a member of the Section Council of the Community Health Planning Section of APHA and was appointed by that Section to the APHA Action Board. . . . Luong Uyen (HEED) recently attended the Second Annual International Workshop in Population Program Administration held in Durham and Chapel Hill. Uyen is now director of the Information, Communication and Education Committee of the National Population Council in Saigon, Vietnam. Other graduates of the School in Vietnam are: Luu Van Vinh (HEED), head of Health Education Service, Directorate of Public Health, Ministry of Health and Vu Thi My (BIOS), director of the Statistics Committee of the National Population Council. Vinh and Uyen also teach health education at the National Institute of Public Health. . . . As chief sanitarian, Walter R. Moody (ENVR) is

employed by the city of Brownsville, Texas. . . . **Kauku Sarkar** (HADM) is participating in the Research Program of Rowdon in Calcutta, India. . . . **Jean B. Martin** (HADM) has been appointed field representative in Africa, International Program Office, Carolina Population Center. A native of Switzerland he received his MD at the University of Lousanne. . . . **Captain Dennis Naugle** (ENVR) is now attached to the Kirtland Air Force Base in Albuquerque, New Mexico. . . . **Larry L. Olson** (ENVR) has resigned from his position at the University of Delaware to assume a position with Environmental Sciences and Engineering, Inc., in Gainesville, Florida.

Class of 1972

Anita Page (HEED) was married to John Earl Williams of Durham, N.C., in December, 1973. John is an accountant. They will continue to reside in Durham. . . . **Robert P. Calhoun** (HADM) holds the position of program development specialist with the Ohio Valley Regional Medical Program in Lexington, Kentucky. . . . **Elaine Gantz** (MHCH) is a family planning training specialist with Development Associates in Denver, Colorado. . . . **Thomas J. Prendergast** (EPID) is assistant professor and director of community health at the University of Missouri in Columbia. . . . **Christine Pederson** (HEED) is evaluating a rural ambulatory health care system, Presbyterian Medical Services, in northwest New Mexico. This is a demonstration project funded by HEW which trains primary care practitioners. . . . As health educator with the Seattle-King County Health Department **Bette Broome** (HEED) is working in the district served by the southeast office in Renton, Washington. . . . **Carol June Phillips** (MENH) was married in November, 1973, to Robert M. Broderick. . . . **Linda Boise** (HADM) is health specialist with the Duval County Legal Aid in Jacksonville, Florida. . . . Now living in Bennettsville, S.C., **Adrienne Williams** (HEED) is teaching 6th grade in the Bennettsville Elementary School. She is looking forward to being health and physical education teacher when the school departmentalizes during the coming year. . . . **Laure Azouri** (PHNU) spent the 1973-74 academic year taking a course in midwifery at the John Radcliffe University Hospital, Oxford, England. Laure is on the faculty of the School of Public Health, American University of Beirut, Lebanon. . . . **Lynn Forberg Julian** (HEED) is a mental health educator with the Orange-Person-Chatham Mental Health Center in Chapel Hill, N.C. . . . **Rick Mowery** (BIOS) is a research assistant with the SPH Central Patient Registry for the Lipid Research Clinics Program. He is responsible for the coordination of the prevalence study and involved in the planning for the family study component of the program. . . . **Sallie Craig Huber** (MHCH) is now a research associate with the Population Information Program of George Washington Medical Center, Washington, D.C. . . . **Virginia Boardman** (EPID) reports that the greatest asset in the UNC program is the opportunity to take courses in other parts of the University. "I believe that the SPH at UNC is more integrated into the whole University than are most SPH's in other areas." Virginia is teaching in the School of Nursing at Case Western Reserve University in Cleveland, Ohio. . . . Appointed



Alumni attend reception at the Alumni Conference.

head of the Nutrition Branch, Community Health Services, North Carolina Department of Human Resources last fall, **Barbara Hughes** (HADM) directs the state's public health nutrition program with a staff of consulting dietitian's and nutritionists. She is in the second year of a three-year term as the N.C. delegate to the American Dietetic Association. As a member of the Scholarship and Loan Fund Board, she helped to select recipients for a total of \$36,700 in graduate and undergraduate scholarships for study in dietetics. . . . **Jo Joyce Tackett** (PHNU) and her husband, Jim, are living in Evansville, Indiana. Jo Joyce is instructor in public health nursing at the University of Evansville where Jim is working toward his degree. . . . **Shelley Greer** (HEED) has recently moved to Columbia, S.C., where her husband, Phil, has taken a job. Shelley is a program information consultant with the Comprehensive Health Planning office. In this position she will edit a monthly newsletter to physicians and agencies. . . . As public works planner with the East Central Wisconsin Regional Planning Commission, **James F. Penfold** (ENVR) is located in Appleton, Wisconsin. . . . Under the direction of **Jane Mathis** (HEED), chairman, the Department of Health Education Professional Advisory Committee is working on a questionnaire to send to the past three years' alumni of the Department and to their program or agency directors. The study will examine the expectations of agencies and the experience of health educators in respect to the various tasks and skills that health education personnel bring to the job.



Ethel Jackson

Class of 1973

Captain Ray H. Perry (PALP) has been transferred to Walter Reed Army Institute of Research where he is in the Department of Medical Zoology. . . . As a research assistant with the SPH Central Patient Registry (CPR), **Mark Murray** (BIOS) is coordinator for the Program's impending Cord Blood Study. Mark also works part-time with the Prevalence Study. . . . **Amal K. Poddar** (MHCH) has returned to the National Institute of Family Planning as medical officer. In addition to the routine family planning activities, he is working on sterility problems, the vasectomy program and contraceptive research. The Institute has a WHO project on the clinical trial of Cyproterone Acetate as a male contraceptive pill. Amal is physician-in-charge of screening and follow-up of human volunteers for this project. In the remodelling of the Urban Family Planning Demonstration Project, emphasis is now being placed on integrating family planning with MHCH and nutrition programs.

Class of 1974

Mary Byrd Price (NUTR) was awarded the BASF Wyandotte Cooperation Scholarship at the fall board meeting of the N.C. Dietetic Association. . . . **Donald D. Lisnerski** (HADM) completed the requirements for his DrPH degree in April, 1974. Don is now health administrator with the Student Health Services, UNC-CH, N.C. Memorial Hospital in Chapel Hill, N.C. . . . **Howard N. Surface** (HADM) has been appointed health administrator of the Catawba County Public Health Department, Newton, N.C. . . . Durham, N.C., is the site of a new health education project developed by Dr. Eva Salber and **William Beery** (HADM), the project director of the education program. Funded by the Edna McConnell Clark Foundation, the project is spreading news of health care services through the Rougemont, Bahama and Bragtown areas. Health educator for the project is **Ethel Jackson** (HEED 1973). She has established a Health Education Planning Committee to plan the educational programs and define needs for the program. . . . **William A. Van Wie** (HADM) is now with the Population Council in Manila, Philippines. He is currently completing work on his dissertation.

FACULTY NEWS

Dr. Arthur C. Stern (ESE) was elected first vice president of the Air Pollution Control Association in June, 1974. He also holds the position of vice chairman of the 25-man advisory council of the Electric Power Research Institute (EPRI). EPRI, the research arm of the combined publicly and privately owned electric power utility industry, is headquartered in Palo Alto, California, and has a research budget of approximately a hundred million dollars a year. Dr. Stern also delivered the keynote address at the symposium on Chemical Aspect of Air Quality Modeling at the University in April. In his address, Dr. Stern discussed the relation of air pollution to population and the subject of greatest concern to the air quality scientists which is the relationship of air pollution to our weather. The symposium was sponsored by the Triangle Universities Consortium on Air Pollution, the Environmental Protection Agency in cooperation with the Air Pollution Control Association, and Continuing Education, SPH. Dr. Stern is chairman of the conference on "Environmental Sciences Air" to be held in August, 1975, in New England. The meeting will be funded by Gordon Research Conference.

Dr. Bernard G. Greenberg has been elected to the Council of the Institute of Medicine's National Academy of Sciences. The Council is the governing body of the Institute of Medicine and consists of 21 members chosen among the current membership of 215. The Institute is concerned with the protection and advancement of the health and medical professions and sciences and the promotion of bio-medical research. He also served as consultant to the World Health Organization at a conference on family planning statistics in Geneva in December, 1973. The meeting reviewed the progress of the World Health Organization activities in the field of family planning statistics; the problems of evaluation of family planning programs; and discussed methods of international collection, processing, analysis and dissemination of statistics on family planning activities.

Dr. Richard Shachtman (BIOS) has been awarded a \$32,000 grant from the National Institutes of Health to study the long term complications of induced abortions. In the study he is analyzing data collected on 948 women whose first pregnancy was either carried to term or terminated by legal abortion. The study will analyze the relationship between abortions and future pregnancies. The Markov Chain, a statistical technique which treats data in chronological fashion to test whether certain biological factors are dependent on other biological happenings, will be used. **Carol J. Rowland Hogue** (EPID) will be co-investigator of the project.

Dr. David G. Kleinbaum (BIOS) participated on the program of the annual joint statistical meeting of the American Statistical Association Biometric Society and Institute of Mathematical Statistics in New York City in December, 1973. In his address he called upon the American Statistical Association to take positive action regarding the recruitment, training and hiring of black Americans in statistics. He described the results of the 1973 study to develop a registry of black statisticians and concluded that recruitment of minorities



Arthur Stern

is extremely difficult even with the registry because of the short supply. He is one of seven persons appointed to the American Statistical Association ad hoc committee on the status of minorities in statistics.

The program of the annual meeting of the Population Association of America held in N.Y. City in April included a paper entitled "Some Considerations in the Construction of Bivariate Life Tables," by **C.M. Suchindran** (BIOS).

An award for recognition for contribution to human rights was made to **Dr. David G. Kleinbaum** (BIOS & EPID), **Dr. Sherman James** (EPID) and **Mr. William Small** in April. This was presented by the Black Student Caucus of the SPH. Dr. Kleinbaum will be on leave most of this summer to teach in the 16th annual graduate summer session in health sciences at the University of Texas, SPH.

Dr. Alvis G. Turner (ENVR) was recently reappointed to the N.C. Memorial Hospital Environment and Infection Control Committee. This committee is responsible for the surveillance of inadvertent hospital infections, potential review and analysis of the actual infection, and the promotion of a preventive and corrective program.

Dr. Charles Harper (HADM) received a two-month World Health Organization travel fellowship for a study tour in Europe. Dr. Harper will visit Denmark, The Netherlands, Germany and England to study their ways of delivering health services and how they may be adapted to the U.S. attempt to improve health care delivery.

Dr. William Flash (HADM) continues to serve as consultant to the Cherokee Black Feet United Sioux tribes on tribal evaluation of health services. He also served as a faculty member in a national workshop on this subject. As a faculty member in a University of Michigan institute on planning for middle level health worker needs in May, Dr. Flash discussed the political ingredients of planning. The quarterly *Journal on Health Politics*, February, 1974, included an article, "Critical Approaches to Health Care Delivery: The American Indian" by Dr. Flash.

As a program participant at the 1975 National Conference on Public Administration in Syracuse, N.Y., **Dr. James E. Allen** (HADM) presented a paper on the "Implications of Birth and Death Control Technology." He will also participate in the program for health systems management conducted in the schools of business, medicine and public health at Harvard University this summer.

The development of a five-year plan for UNCH is underway. **Dr. C. Hugh Holman** will be special assistant to the Chancellor to act as

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It is with sadness that we announce the deaths of the following alumni:

Esther H. Kottke (HEED, 1946) of Pullman, Washington, on April 23, 1974. At the time of her death, Esther was working at the Washington State University Library and as a part-time research assistant with the entomology and horticulture departments. She is survived by her husband, Frank, and a son and a daughter.

Ruth Fleming Sanders (PHNU, 1963) of Tucker, Ga., on January 12, 1974. She is survived by her husband, Robert, also a graduate of the SPH.

Estelle Barke Mikell (PHNU, 1962) of Chapel Hill, N.C., in July, 1973.

Although not an alumna of this School, **Ann W. Haynes**, who died June 2, 1974, was a professional colleague of many of our readers. Ann served as head of the Bureau of Health Education, California Department of Public Health and as a Ford Foundation consultant on family planning in India. She is survived by her husband, Harold, of Kensington, California.



Dr. Cecil Sheps and alumni at registration of the Alumni Conference.

THE RESPONSE

Continued from pg. 3

cupational health studies group — a cooperative program between the University, labor and management. Financed by funds set aside by labor and management in their employment contract, the School has a contract with the United Rubber Workers Union and four of the largest tire manufacturers for a study which involves many disciplines in three departments — Environmental Sciences and Engineering, Epidemiology, and Biostatistics. In the future, we expect to see more contract projects of this nature and less reliance on federal funding.

We are also attempting to meet some of the challenges raised by Dr. Sheps in what I call service to the community. Schools of public health have the responsibility to play a greater role as a consumer advocate. Dr. Sheps stressed the importance of getting into the action regarding the environment and quality of life. We want to train people who will move into the community and change it for the better in labor conditions, in nutrition, in health services delivery, in the quality of the environment, in housing — all of which have a profound impact upon health. Our faculty must learn to practice what they teach. To encourage this and to bring our School back to all the health providers in the state, we have organized a Division of Community Health Service. This Division comprises an off-campus training program to meet the needs of the mid-career workers, mentioned by Dr. Sheps, in a work/study program. The Division also provides for the continuing education of all health personnel and has units concerned with field training and Area Health Education Centers. One new program is that which we call technical assistance. We want to let all the agencies concerned with health know that the faculty of this School is available for

technical and consultative assistance. In this way, the new Division is another movement instituted to make public health in this School meaningful to this state.

It is a difficult process to change organizational structures within the School as discussed by Dr. Sheps. However, in the interest of administrative efficiency and increased interaction, we have combined the Departments of Biostatistics and Epidemiology into the Division of Health Measurement and Analysis, and the Departments of Maternal and Child Health, Public Health Nursing and Mental Health into a Division of Family and Community Health.

As far as organization among the schools is concerned, the 18 schools in the U.S. and one in Canada now have a full-time executive director in the Association of Schools of Public Health whose job it will be to pull the schools together into a consortium to meet the changing needs. The Association will be embarking soon on a manpower study and investigating the possibility of a central pooling agency through which student applications for admission will be channeled and/or coordinated.

Finally, in the area of finance, and I believe this has been the most striking crisis during the past two years, all schools must look for new sources of funding beyond the federal government. This means that we will have to work for increased state and regional funding and establish more contacts with industry.

We have made a beginning in implementing these changes during the past two years. It will take much longer to make most of them a reality and functioning smoothly. These are, however, the programs through which we hope to meet the challenges of the 1970's and 1980's and the issues raised as a result of the Milbank Memorial Fund Commission study.

RE-ENERGIZING PUBLIC HEALTH

Continued from pg. 7

With this background and projecting into the immediate future one can predict a continuing increase in the incidence of malignant disorders, coronary heart disease, and behavioral and emotional disorders and associated morbidity and mortality in response to the broad social forces already identified which are just beginning to crescendo in North Carolina. One can also predict an increasing discrepancy for the immediate future between the demands of the population and the availability of medical care. This points to two public health needs for us as epidemiologists. One is to monitor changes in the social and physical environment and the existence and distribution of health services resources and their utilization, and the second need is to provide a system which links data monitoring with predictive epidemiology. We in public health will have our major impact as we recognize and respond to the major changes under way.

In summary then, we have to study the elements of environment, population structure, and the health care system as these interact to influence the distribution of disease in the state of North Carolina. We need an epidemiological and biostatistical surveillance system which provides a comprehensive overview of the determinants of health and disease. It is mandatory that we develop a monitoring system which analyzes the patterns and structures of these elements as they have operated to the present, that we establish methods for the early detection of changes and set about measuring early warning signs so that major preventive measures can be instituted early in the natural history of diseases and so the planning of health services can be responsive in an anticipatory fashion.

Properly to respond to this challenge requires the use of current and new health personnel and resources and requires the establishment of links among practitioners, educators and research workers in the state. We must operationalize our concept of the state of North Carolina as our community laboratory, its population as our patients, the disciplines of epidemiology and biostatistics as the basic sciences for the planning and evaluation of health services for the state, and offer an ever increasing commitment to be responsive to the needs of the changing health problems of our state.

ASHEVILLE SITE OF NEW OFF-CAMPUS PROGRAM

The School of Public Health began its newest off-campus master's degree program in Asheville last February.

The program was designed in cooperation with the Area Health Education Center program, the School of Public Health and UNC at Asheville. It has the support of the N.C. Department of Human Resources and the personnel office of the N.C. Department of Administration.

Like the first off-campus program in Raleigh, the new one offers a major in health administration. It is designed to improve health and human services administration by upgrading the competence and performance of managers, meet career development needs of professionals working in these agencies and benefit participating agencies through interaction of administrative personnel.

Lydia Holley, coordinator of the Off-Campus Programs, is the director. Other faculty who are teaching courses in the program are Dr. John Anderson, Dr. Morris Schaefer, and Dr. Craig Turnbull.

ASPH ACTIVITIES

The Association of Schools of Public Health (ASPH), under the leadership of Dr. Lester Breslow (Dean, UCLA) as president and Dr. Bernard Greenberg as vice president, is now actively involved in three areas. The current activities focus upon manpower bills, accreditation of schools of public health and a public health manpower study.

Two health manpower bills have been introduced by members of the House Subcommittee on Public Health and the Environment — HR 14357 by Congressman William R. Roy and HR 14721 by Congressman Paul G. Rogers. The Senate Health Subcommittee has introduced its own measure — S 3485 by Edward M. Kennedy and others. The ASPH testified in support of the Rogers Bill.

Alumni will be interested in the provisions of HR 14721 which apply to the support of schools of public health. These include capitation grants in the amount of \$2,000 for each full-time student enrolled; grants for selecting, facilitating enrollment, and providing stipends and special services to persons from disadvantaged backgrounds; grants or contracts for the development and maintenance of programs to train full-time students in agencies located in medically underserved areas away from the primary teaching facility of the schools; establishment of area health education centers to alleviate shortages of health personnel in previously underserved rural and urban areas; and traineeships for students enrolled in degree programs.

In the area of accreditation, the American Public Health Association and the ASPH have established a Council for Education in Public Health for the purpose of accrediting schools of public health. This Council is an independent body of eight persons: three members are appointed by each of the parent organizations and the two other members represent the public and are experienced in the educational process. Of the three members appointed by ASPH, the leadership role has been played by Dean Lee Stauffer (Minnesota) ably assisted by Dean Reuel Stallones (Texas) and Dr. Lawrence Green (Johns Hopkins). The Council is recognized by the National Commission on Accreditation, Department of Health, Education and Welfare for accrediting graduate programs in public health. Dr. Maggie Matthews is the executive director of the Council and an outstanding alumna of the UNC-CH School of Public Health (DrPH, HADM, 1973). The Council hopes to accredit schools of public health every five years. Under this schedule, our School will be reviewed in 1975-76.

The ASPH is also negotiating a contract with the Division of Manpower Intelligence, Bureau of Health Resources Development, National Institutes of Health to study the kinds of applicants who apply for enrollment in schools of public health. Information will be obtained regarding their career plans, demographic characteristics, educational background and means of financial support. This is a longitudinal study to determine of those persons who apply to a school of public health which ones are admitted, matriculate, and are graduated. The data will also include a study of the degrees they receive and the types of jobs they accept. The information will help Congress in planning continued support to schools of public health. When ASPH receives this contract, it contemplates underwriting a subcontract with the UNC-SPH Department of Biostatistics to carry out the statistical aspects of the study.

Furthermore, a study of the cost of educating a student in a school of public health is being conducted by the Institute of Medicine, National Academy of Sciences in cooperation with the ASPH. This is a complex undertaking because of the varied nature of the master's and doctoral degrees offered by the eighteen different schools of public health in the United

Continued on page 13

CAN YOU HELP LOCATE THESE ALUMNI?

Our records show that we have incorrect addresses on the following alumni. Please send correct address to: Mrs. Harriet Barr, c/o Dean's Office, School of Public Health.

Mr. Nestor F. Abaya	Dr. Raymundo Collada
Mr. M. Varkey Abraham	Dr. Rose G. Das
Miss Aysel Alpay	Mr. Jean Francotte
Dr. Hania Abdul Al-Khosa	Mr. Bernardo Fuentes
Mr. Donald L. Brown	Dr. Hsin H. Fu
Miss Sheena H. Buchanan	Mr. Dansay Ganoza
Mrs. Sarah H. Carlton	Ms. Catherine I. Gannon
Dr. Enrique Canessa-Jorquera	Marcelomr. Gallardo-Cespedes
Domingos B. Caryalhedo	Dr. Thomas A. Gardner
Dr. Robert E. Day	Dr. Harry-Rolf Von S. Germer
Mr. Francois Yves DeBacker	Ms. Helen E. Ghormley
Mr. John G. Dpirhl	Mrs. Lacedonia Glover
Mr. Memah J. Dukuly	Mr. Carlos Da S. Guimaraes
Mrs. Parmis Ershad	Dr. O.E. Ham
Mr. Ben A. Ansley, Jr.	Mr. George Hampton
Dr. Beyuk Azemoun	Ms. Celeste A. Hayden
Ms. Milza Barcellos	Mr. Raimundo Henderra
Mr. Eugene C. Benjamin	Dr. Harry H. Henderson
Mr. F.G. Boquin	Mr. Heinz U. Huper
Mr. Luis C. Bonilla	Mr. Arthur A. Hughson
Dr. Frederick A. Cave	Dr. Manuel F. Ingco
Dr. Pi-Wen Chao	Mr. B.A.S. Iyengar
Dr. Kusum Chandorkar	



Group discussion at the Alumni Conference.

ALUMNI ASSOCIATION

Continued from pg. 1

Programs, School of Public Health; Jacob Koomen (EPID), director, N.C. Division of Health Services, Raleigh.

The Board met during the conference to make plans and set priorities for the current year. In addition to the standing committees listed in the By-laws, the Board voted to establish membership and newsletter committees and charge the By-laws committee to develop a manual of procedures.

All agreed that increasing the membership of the Association should be our first priority this year. In addition, the Board charged the awards committee with the task of setting criteria for an award to be presented to an alumnus for service to the profession. Mabel Johansson (PHNU) will head the membership committee and Annie Ray Moore (HEED) the awards committee.

The Board and the School will cooperate in determining activities for alumni in conjunction with professional meetings, such as APHA, Southern Branch, etc. The program committee under the chairmanship of the vice president will plan the 1975 Alumni Conference.

The group also agreed that a roster of members of the Alumni Association should be prepared.

All alumni are invited to join the SPH Alumni Association and take an active part in the organization.



Congressmen Paul G. Rogers and L. Richardson Preyer share the platform for the Foard Lecture.

FOARD LECTURE

Continued from pg. 1

come in the form of capital grants to schools and traineeship funds to students," he said. The administration is proposing that the federal government take less responsibility in financing professional education. Mr. Rogers pointed out the difficulty for the prospective students to borrow the money for graduate training. The middle and lower income group will not be able to afford the cost and he feels that eliminating these students would be disastrous to the nation. In a study by Dr. Arthur Richardson of 14,366 graduates of schools of public health 3/10 of 1% were in profit making organizations, 2.5% are in industrial profit making jobs, 14.1% went into public health entities, 10% entered service on the state level, 23% went directly into a hospital ambulatory care facility and 25.4% went into universities to teach or render primary care. "In other words," Mr. Rogers said, "they served people, not themselves."

With the thrust of the administration to put everything back on the local community the demand for public health professionals increases and emphasizes the need to revitalize rather than diminish the effort and support of our schools of public health.

Rogers believes that Congress has overcome the problem of administrative impoundment of funds. "There have been 30 lawsuits and in all but two the judges ruled against the Department of Health, Education and Welfare. I don't think it will be a problem anymore. . . .

As we proceed to grow in this nation and as people perceive medical care as a right, the delivery of health care in this nation should have top priority. The Congress will see that it does. You are going to see a revitalization of our schools of public health, of our public health services themselves and an expansion of the public health service corps. And as we do some of these things the American people will benefit from better health," Rogers concluded.

Rogers is nationally known for his role in health legislation. Virtually every major law in recent years in the areas of the environment and health bears the Rogers mark. His panel has legislative jurisdiction over all health matters except Medicare and Medicaid and all environmental legislation except water pollution.

The Fred T. Foard Memorial Lecture series was established in 1968 by his widow, Mrs. Elsie D. Foard, to honor the distinguished public health practitioner for the many achievements of his 50-year career. Dr. Foard was responsible for bringing about major improvements in health services for the American Indians and for the transfer of the entire Indian Health Program from the Department of the Interior to the U.S. Public Health Service. He was also director of the Division of Epidemiology for the North Carolina State Board of Health.

WIC PROGRAM EVALUATED

The Department of Nutrition at the School of Public Health has been tapped to conduct a nationwide medical evaluation of the \$40 million federal food and nutrition program for women, infants and children.

The bulk of the \$40 million from the U.S. Department of Agriculture will go into food for pregnant women, nursing mothers, infants and children.

Of the total, \$2 million is earmarked for medical evaluation. The Department of Nutrition will receive \$813,000 over an 18-month period to collect and evaluate medical data to measure the program's effectiveness.

Dr. Joseph Edozien, chairman of the Nutrition Department, said the research project is being conducted to study the feasibility of a national food and nutrition program for low-income women and children. Such a program could join the federal school lunch program and food stamp program for low-income families which costs \$3.5 billion annually. Another program, now pending legislation, would deal with the nutritional needs of the elderly.

The staff will conduct their medical evaluation studies in 15 states across the United States. North and South Carolina are included in the project.

The Chapel Hill team will attempt to learn what effects an iron-fortified, high protein and vitamin diet will have on women and children who are now on inadequate diets and will investigate the effects of a good diet on birth weight.

The researchers will also consider the effect of good diet upon the time required for a mother to recover from childbirth, the differences between women who breast feed and those who do not, the effect of the mother's age on birth weight and whether or not smoking influences birth weight.

The faculty of the Nutrition Department has been increased and new biochemical laboratories set up at the School to accommodate the requirements of the study.

At clinic sites across the country, specialists will conduct clinical examinations of all participants before, during and after the project.

ASPH

Continued from pg. 12

States. The difficulty of the task is increased by the complexity of estimating the cost of field training, a necessary component of the education of a public health professional. Dr. Raymond Cotton, executive director of ASPH, and Dr. Greenberg are cooperating with Mrs. Ruth Hanft of the Institute of Medicine in planning for the execution of this study.

J.W. Roy Norton

1898 — 1974

Dr. Roy Norton died of a heart attack on March 28, 1974. A former North Carolina State health director, Dr. Norton began his career in 1931 as city health superintendent in Rocky Mount, N.C. In addition he was assistant division director, North Carolina State Board of Health; professor of health administration, UNC- School of Public Health; and chief health officer, Tennessee Valley Authority.

An active fellow of the American Public Health Association, he was president in 1963 and served on the Governing Council and as officer of the Health Administration Section.

Memorial contributions may be made in his name to the North Carolina Public Health Fund, Inc., and mailed to the School of Public Health.

Margaret Baggett Dolan

1915 — 1974

Mrs. Margaret B. Dolan, former professor and head of the Department of Public Health Nursing and an internationally known public health activist, died February 27, 1974, after a long illness.

A native North Carolinian, Mrs. Dolan received degrees from Georgetown University School of Nursing, UNC, and Columbia University. She was also awarded an honorary degree by Duke University.

She was immediate past president of the American Public Health Association and prior to this had held a number of earlier leadership positions: president of the American Nurses' Association, 1962-64; president of the National Health Council, 1969-70 and chairman of the Executive Board of the same organization, 1971. In 1973, the Royal Society for the Promotion of Health made her an Honorary Fellow, and the nurses of the North Carolina Public Health Association established a merit award bearing her name.

The Margaret B. Dolan Library Fund has been established at the Health Sciences Library. Memorial contributions may be made to this fund or to the North Carolina Public Health Fund at the School of Public Health.

LIPID RESEARCH IN FOURTH YEAR

In June the Department of Biostatistics began its fourth year as an integral part of the Lipid Research Clinics Program, a 12-clinic continent-wide collaborative research effort funded by the National Heart and Lung Institute. Since the Department began acting as the Program's Central Patient Registry and Coordinating Center (CPR) in 1971, its staff has grown from 6 to 40 persons and the operating budget increased almost five-fold.

Housed on the second floor of the NCNB Plaza Building in downtown Chapel Hill, the Program is headed by James E. Grizzle, director; Dale Williams, deputy director; and Ed Davis, assistant deputy director.

The Departments of Nutrition and Epidemiology cooperate with Biostatistics by providing consulting services for the CPR from time to time.

The CPR is responsible for a wide variety of coordinating center activities including standardizing and supervising data collection procedures, editing and storing of the data, monitoring the quality of the data and preparing statistical analyses of the data.

The Lipid Research Clinic Program has four major components. *The Prevalence Study* is investigating the prevalence of the various types of hyperlipoproteinemia (elevated blood "fats") and premature atherosclerosis in free living selected populations and their family members. Approximately 80,000 subjects will undergo an initial screen with about 25 percent of those being selected for an extensive interview, physical examination and stress electrocardiography as well as chemical blood analyses. The Prevalence Study began screening subjects in July, 1972, and should be completed at all clinics by the end of the first quarter of 1976.

The Type II Coronary Primary Prevention Trial is designed to test the relationship between lowering blood cholesterol and retarding the development of premature coronary artery disease. The Prevention Trial will study 3600 subjects who have elevated cholesterol but no previous history of heart disease. The clinical trial, which will follow subjects for 7 years, began recruitment of subjects in June, 1973.

The Cord Blood Study is evaluating the relationship between umbilical cord blood lipid levels at one year as well as the relationship between infant and parental levels. This part of the study is scheduled to begin screening subjects in January, 1975.

The Pathology Study is comparing atherosclerotic lesions in persons with normal lipoproteins with those in persons with abnormal lipoproteins by studying autopsy material. Plans for this component of the study are still incomplete.



Dr. Paul B. Cornely, executive medical officer for the United Mine Workers Welfare and Retirement Fund, discusses "Health and the Black Community" at a School seminar. The seminar was sponsored by the Black Student Caucus and was coordinated by Mr. William Small.

CONTINUING EDUCATION— A PRIORITY

Believing continuing education to be an integral part of the School's commitment to service to our constituent health agencies, Dr. John Hughes, director, and staff have accepted the challenge of rebuilding and improving the program. In spite of funding constraints, productivity in short term training and education is at an all time high with even higher projections for the coming year.

During 1973 — 1974, a total of 72 courses were offered involving 2,185 participants and 69,279 contact hours.

Faculty involved in the short courses were secured from a variety of sources depending upon the subject area of the program and the competencies of the available faculty. Although the School of Public Health provided the largest number of faculty, instructors were drawn from other schools and departments within the University, other universities, state and local official and voluntary health agencies, federal agencies and industry.

In addition to regular short courses, the continuing education unit has initiated a preceptor program on an experimental basis to provide field experience for graduate students in adult education. Two preceptors were accepted for the spring term. Based on an evaluation of this experience, it has been approved for a second year.

Two other programs of note are the quarterly workshop for local health directors and the junior public health internship program. The workshop for health directors will be designed around topics of primary interest to the local health directors. The public health internship program, sponsored by the N.C. Division of Health Services and the School, supports ten medical students to work full time for ten weeks under the direction of a physician in a local health department. Funded jointly by the Department of Health Education and Welfare, Public Health Service, Bureau of Health Resources Development and N.C. Division of Health Services, the program is under the direction of Dr. Isa Grant.

Requests for short courses from alumni or other health professionals should be directed to Dr. John Hughes.

FACULTY NEWS *Cont. from pg. 10*

coordinator for this effort. **Dr. Roy R. Kuebler, Jr.** (BIOS) is a member of the health affairs section of the Planning Advisory Board.

"The People: Motivation, Education and Action" and "Health Education in the Expanded Role of the Pharmacist" were topics of presentations made by **Dr. Guy W. Steuart** (HEED) at the N.Y. Academy of Medicine Annual Conference in April and the University of Maryland School of Pharmacy respectively.

Dr. Patricia Barry (HADM) was course director for a workshop on poison control centers in April. Designed to look for new ways to improve the working relationship between local and federal poison control programs, the workshop attracted poison control officials from eight states. The opening address was delivered by Henry L. Berhulst, director of the FDA National Clearing House for Poison Control Centers.

As a follow-up to the basic statistical methodological course, **Dr. Lawrence Kupper** (BIOS) presented a ten-week course on advanced statistical methodology in the Research Triangle Park this spring. The course concentrated on complex analysis of variance procedures with applications to the analysis of inter-laboratory study data; concepts of experimental design, multiple regression analysis, and nonparametric procedures.

John Hatch (HEED) participated in a conference sponsored by the University of California Medical School and by the Johnson Foundation on the process of change in rural health care delivery.

Dr. Lyman A. Ripperton (ESE) joined the Engineering Division of the Research Triangle Institute in January. A professor of air hygiene at the School for 16 years, he will remain an adjunct professor. A participant in the American Chemical Society meeting in Los Angeles, Dr. Ripperton presented a paper on ozone concentrations. **Dr. Donald R. Johnson** (ESE) was one of the co-authors.

The Occupational Health Studies Group is now located on the third floor of the North Carolina National Bank Building. The research teams are located in modular units to allow for more efficient collaboration on the research projects.

Dr. Linda W. Little (ESE) has been elected secretary of the Biochemistry and Physiology Section, N.C. Academy of Science.

Dr. Mark S. Shuman (ENVR) has received a grant from the Office of Water Resources Research, U.S. Department of Interior, to study sensors for metals, nutrients, and dissolved gases and to evaluate selected types for continuous water quality monitoring. Dr. Shuman's National Science Foundation grant for the study of trace metal association with dissolved organic matter in seawater has also been renewed. This work is designed to develop electro chemical methods for the measurement of the stability and reactivity of trace metal organic complexes in seawater.

Leonard Dawson (HEED) has been appointed chairman, Research Development Board, N.C. Public Health Association. **Dr. Godfrey Hochbaum** (HEED) and Mr. Dawson provided consultation on the evaluation of a diabetes patient education and community health education program in Spartanburg, S.C.

Dr. John Cassel and **Dr. Berton Kaplan** (EPID) are involved in the Non-Health Services Determinants of Health Study Group. A series of papers financed by the Carnegie Foundation have been prepared by this national level panel. As a part of this series, a paper "Social Supports of Health" was prepared by Dr. Kaplan, Dr. Cassel and Susan Gore and presented at APHA. Dr. Kaplan was chairman of a panel and a discussant on the topic of "Non-Health Services Determinants of Levels of Health" at the American Statistical Association in December, 1973. He has also been appointed by the National Science Foundation as a scientific advisor for projects in the area of social psychiatry. Dr. Kaplan was also a visiting scholar for the American Anthropological Association at Elizabeth City State University in April.

Dr. Werner Strauss, of the University of Melbourne, Australia, spent six months in the Research Triangle area as visiting professor of air hygiene at the SPH beginning in January, 1974. He is an international expert on industrial gas cleaning technology whose area of concentration is in control of air pollution from industries. Dr. Strauss taught a course in air pollution control and conducted selected seminars on the campuses of Duke, Carolina,

and State Universities and at the Environmental Protection Agency.

Dr. Earl Siegel (MHCH) will be on WHO assignment this summer to act as consultant on the preparation of professional education materials relating to maternal and child health and family planning.

Mrs. Marjorie Land (PHNU), family nurse practitioner with the Orange-Chatham Comprehensive Health Services in Chapel Hill and a member of the Public Health Nursing faculty, has been appointed by Governor Holshouser to the North Carolina Board of Human Resources. The Board is composed of 15 members, seven named by statute and eight appointed by the governor. Created by act of the 1973 General Assembly, the Board is "to assist the secretary of human resources in the development of major programs and recommend priorities for the programs within the department."

Dr. Michel Ibrahim (EPID) and **Dr. Dennis Gillings** (BIOS) were presented Founders Awards by the N.C. Heart Association at the annual meeting of the Association in Winston-Salem May 30, 1974. The awards were made for their contributions and participation in the overall program of the Association and their work on rheumatic heart disease in the state.

The Research Triangle Institute has announced the appointment of **Dr. Daniel G. Horvitz** (BIOS) as vice president for statistical research. A professor of biostatistics since 1973, Dr. Horvitz assumed the new position in July.

In February, **Dr. Bernard Greenberg** and **Dr. James Grizzle** (BIOS) visited the University of Puerto Rico, School of Public Health to discuss the possibility of developing further that School's capability in biostatistics and epidemiology for "Spanish speaking only" students from Central and Latin America. The center for these students in Santiago, Chile, was closed by military junta. While there Dr. Greenberg and Dr. Grizzle had the opportunity of visiting with many of our alumni.

Dr. Dale Williams (BIOS) was recently named deputy director of the Central Patient Registry and Coordinating Center (CPR) for the Lipid Research Clinics Program, a continent wide collaborative study funded by the National Heart and Lung Institute. In addition to supervising the operation of CPR, he serves on a working team of scientists with the U.S.-U.S.S.R. collaborative Lipid Program. He and **Dr. James Grizzle**, director of the CPR, made a second trip to the Soviet Union with the team in July.

Dr. Godfrey Hochbaum (HEED) was keynote speaker for the Institute on Tuberculosis and Other Respiratory Diseases held at Black Mountain, N.C., in July. **Dr. Robert Harris** (ESE) also participated on the program.

As a member of the Task Force on Education, Dr. Hochbaum will be responsible for planning the World Conference on Smoking and Health to be held in June, 1975.

Dr. Parker C. Reist (ENVR) has been elected chairman of the Triangle Universities Consortium on Air Pollution (TUCAP). Composed of UNC-CH, Duke, and N.C. State University, TUCAP conducts programs in air pollution control and training and provides technical and other services to state and local air pollution control agencies and the federal Environmental Protection Agency facilities in the southeast.

THE BODY POLITIC

Newsletter of the UNC School of Public Health

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NEWS NOTES _____

Please check the address you wish used for mailing.

Enclosed is my check in support of the Alumni Association activities for 1974.

Active Member — \$5.00 ()

Contribution to N.C. Public Health Fund ()

Checks should be made payable to the North Carolina Health Fund, Inc.

Mail to: Mrs. Harriet H. Barr
Director of Public Relations
School of Public Health
Chapel Hill, N.C. 27514

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AWARDS PRESENTED



MINDEL C. SHEPS AWARD

The first Mindel C. Sheps Award in mathematical demography was presented at the annual meeting of the Population Association of America in N.Y. City in April. Established as a memorial to the late Dr. Mindel C. Sheps, professor of biostatistics at the School of Public Health, the award was given to Dr. Ansley J. Coale, professor of economics at Princeton University. The award was presented in recognition of his outstanding accomplishments in mathematical demography and demographic methodology. As director of the Office of Population Research at Princeton University, Dr. Coale is a leading figure in economic demography and a member of the National Academy of Sciences. Dr. Cecil G. Sheps presented the \$1000 cash award and Dr. Arthur A. Campbell, president of the Population Association of America, presented the accompanying certificate. The award was established by contributions from alumni, family and colleagues to the Mindel C. Sheps Memorial Fund and is sponsored by the Population Association of America and the UNC-SPH.

The Mindel C. Sheps collection in biostatistics and mathematical demography has been established at the Health Sciences Library. More than 400 volumes comprising the professional library of the late Dr. Sheps make up the collection. The volumes include works in demography, stochastic process and biostatistics as well as works of a more general nature in medicine, public health and epidemiology. Three books and more than 70 scholarly papers written by Dr. Sheps are also contained in the collection.



UNDERWOOD TEACHING AWARD

Dr. Phillip C. Singer, associate professor, Department of Environmental Sciences and Engineering, has been named the first recipient of the new Underwood Award for Teaching Excellence. The award is made yearly by students in the Department to a faculty member whom they feel exemplifies the principles, judgment and integrity of the late Dr. Underwood. Dr. Underwood was a professor of radiological hygiene in the Department of Environmental Sciences and Engineering.



DUPONT GRANTS

The E.I. duPont de Nemours and Company has awarded two science in engineering grants of \$5000 each to the University. The grants will help meet needs in the Chemistry Department and the Department of Environmental Sciences and Engineering in the School of Public Health. This year duPont grants will support chemical and mechanical engineering education and stimulate students' interest, especially among minority groups in science and engineering careers.

THE BODY POLITIC, published biannually, is edited by Harriet H. Barr. News items are encouraged and should be sent to the editor, Dean's Office, School of Public Health, Chapel Hill, N.C. 27514.

FACULTY NEWS

The program development board of the American Public Health Association has appointed two UNC faculty to its membership. **Dr. Cecil G. Sheps** will serve as the board's vice chairman and **Emil Chanlett** will be the member representing the section on radiological health.

Addressing the opening session of the 1974 National Health Forum, **Dr. C. Arden Miller** (MHCH) discussed health care of children and youth in America. Dr. Miller called for the establishment of a National Health Service for Mothers and Children which would guarantee medical service through government agencies for all children and which would include prenatal, maternal and child health care. He also expressed the view that government must implement programs to feed children and to lead in a program for National Housing Reform.

Dr. Godfrey Hochbaum has been appointed a member of a technical advisory committee for the American Public Health Association. It is concerned with the task of developing standards and models for the introduction, planning, organization and evaluation of health education in neighborhood health centers and HMO's.

Dr. H.G. Baity (ENVR) professor emeritus presented a slide lecture on Cambodia. Dr. and Mrs. Baity are currently in Chapel Hill.

Dr. Ralph H. Boatman (HEED) director of the UNC Office of Allied Health Sciences in Chapel Hill, has been named director of the University's Office of Continuing Education in Health Sciences. This office performs a planning and coordinating service for the Division of Health Sciences and its five schools and is responsible for certain development and manpower information services and for special conference planning and coordination. Dr.

Boatman has also been elected secretary of the American Society of Allied Health Professions.

The World Medical Association selected **Dr. A.R. Omran** and four other international experts, to plan for a forthcoming conference in Stockholm in September. The international conference on the Physician and Population Change, aimed at more effective involvement of the medical professions in this area, is sponsored by the World Medical Association, the WHO, and the World Federation for Medical Education, the Population Council and the International Planned Parenthood Federation.

The faculty of the Department of Parasitology and Laboratory Practice are involved in teaching medical parasitology to medical students in three settings. **Dr. Norman Weatherly** and **Dr. John Larsh** presented this area in the microbiology course for the medical students at East Carolina University in May. The course is also presented to medical students at UNC-CH and at Duke University.

The Appalachian Regional Hospital has elected **Dr. C. Arden Miller** to its 30-member Board of Trustees. The ARH is a non-profit medical care system serving ten (10) communities in Kentucky, Virginia and West Virginia.

With the closing of the Mental Health Department June 30, 1974, the faculty will take on new responsibilities. **Nora Cline** will be in the Department of Public Health Nursing and will be available to plan courses of study in mental health with interested students. **Rolf Lynton** will be working full time with the Population Center, **Marion Smallegan** will be associate professor in the School of Nursing and **Walter Issacs**, lecturer in health education.

ATTENTION ALUMNI

The alumni social hour at APHA will be held on Tuesday, October 22, 1974, in the Florence Room of the International Hotel, 5:30 — 7:00 p.m. We will look forward to seeing you there!

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