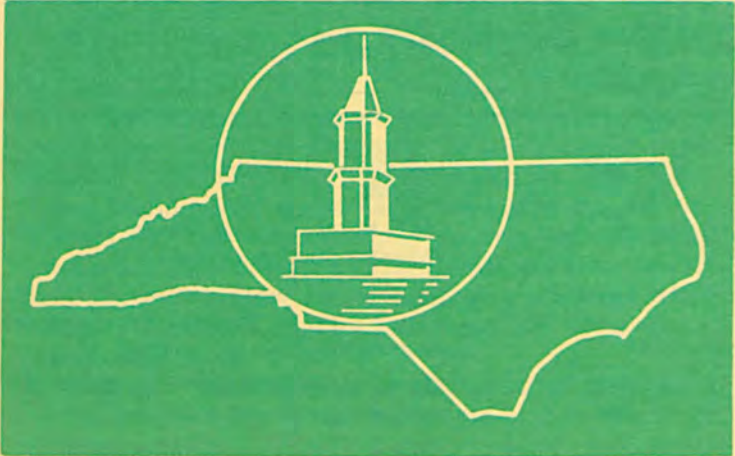


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April, 1981

The University of North Carolina at Chapel Hill School of Public Health

Volume 8, Number 2.

Plans for New Public Health Building Proceed

Preliminary drawings and layout for the new Public Health and Environmental Sciences Building have been submitted to the School of Public Health by the architectural firm, Ferebee, Walters and Associates. A scale model of the exterior of the building (see photograph) has also been designed.

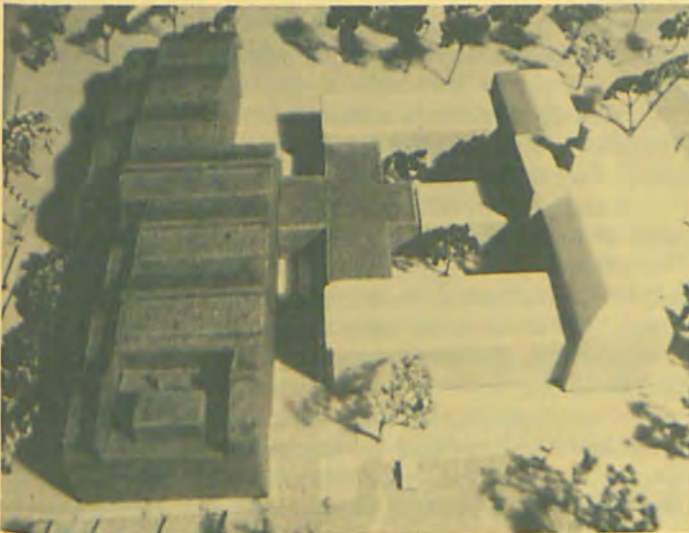
The new \$14.6 million building will be located at the rear of the present building with the entrance facing Pittsboro Street. The design calls for linkage with the existing structure and courtyards attractively landscaped between the buildings.

The new building will have several levels while retaining the appearance of four floors. The design features classroom space, offices, and laboratories arranged separably in units for greater convenience of students and faculty.

The Board of Governors of the University of North Carolina system submitted a request to the North Carolina Legislature for \$155 million for capital improvements for the 16 campuses. The Advisory Budget Commission in its recommendation to Governor James B. Hunt, Jr., included



Main entrance on Pittsboro Road. The model does not show the glass entry-way (center).



Aerial view of the Public Health and Environmental Sciences Building (left) and Rosenau Hall (right).

only \$48 million for capital improvements placing the entire amount in the 1982-83 budget.

Responding to a question on the effect of this recommendation on the construction of the SPH Building, Dean B. G. Greenberg said, "The decision as to how the \$48 million will be spent is to be made by the UNC Board of Governors. It is our hope that the School of Public Health will continue to be a top priority". He expressed the opinion that the building schedule would not be delayed if the School receives continuing planning money in 1981 and is included in the \$48 million capital improvement appropriation for 1982-83. The latter appropriation, of course, must still be made by the General Assembly.

"The School of Public Health is in a unique position," he said, "because it is a part of the UNC-CH but it is the only school of public health in the State and has as its mission service to all areas of North Carolina."

Continuing Education Calendar Spring-Summer 1981

| | | | |
|-------------|--|---------------|---|
| April 13-16 | Concerns in Community Health Nursing Education (Fifth Annual Community Health Nursing Faculty Conference); Chapel Hill, NC | May 27-29 | Quality Assurance Management Institute; Charlotte, NC |
| April 14-15 | Occupational Health for Public Health Directors; Statesboro, GA | May 28-29 | 1981 North Carolina Health Directors Workshop; Burlington, NC |
| April 14-17 | Principles of Public Health Practice; Chapel Hill NC | May 31-June 3 | National Workshop for Nutrition and Social Work in Primary Care Services; Washington, DC |
| April 16-17 | Nutrition Field Counselors Conference; Chapel Hill, NC | June 1-5 | Human Blood Cell Morphology: Part II (Advanced); Greensboro, NC |
| April 27-28 | Occupational Health Planning; Atlanta, GA | June 8-12 | Sample Survey Methods; Chapel Hill, NC |
| May 3-6 | Eighth Annual Regional Conference on Maternal and Child Health, Family Planning, and Crippled Children's Services; Chapel Hill, NC | June 23 | Counseling Skills Workshop; Fayetteville, NC |
| May 4-8 | North Carolina Public Health Nursing Supervisors Training Program; Chapel Hill, NC | July 10-12 | Regional Issues in Lung Disease; (31st Annual Blue Ridge Institute) Black Mountain, NC |
| May 13-15 | Management Training for Women in Health and Human Services—Advanced Session; Asheboro, NC | August 9-14 | Summer Institute in Occupational Safety and Health; Boone, NC |
| May 18-19 | Serving Underserved Communities: Survival Strategies for Rural Health Care in the 1980's; Chapel Hill, NC | Spring 1981 | Sudden Infant Death Syndrome Counselors Regional Meetings; multiple dates and locations in NC |
| May 18-22 | North Carolina Wastewater Treatment Plant Operators School; Chapel Hill, NC | Spring 1981 | Family Planning Training in Basic Counseling Skills; multiple dates and locations in NC |
| May 21-22 | Early Adolescence: A Shared Responsibility; Morris Plains, NJ | Spring 1981 | North Carolina Sudden Infant Death Syndrome Counselors Training Workshop; Asheboro, NC |
| May 26-28 | 1981 Public Health Nutrition Update: Vegetarianism; Raleigh, NC | | |

For additional information on any of these programs, please contact the Office of Continuing Education, UNC-CH School of Public Health 251H, Chapel Hill, NC (telephone 919/966-4032).

Grant Received to Develop Cancer Prevention Program

Researchers in the Schools of Public Health and Medicine will merge existing research and education programs with clinical oncology (tumor study) programs to uncover information on occupational cancer risks and to prevent adverse side effects of cancer treatment. They will work also to improve the quality of life of cancer patients and to develop a cancer prevention program. The study is funded by a \$200,000 grant from the National Cancer Institute.

The epidemiologists and physicians will focus their occupational investigation on woodworkers in N.C.'s furniture factories and energy workers exposed to x-rays for long periods of time.

"Prevention of unnecessary cancers from occupational or environmental factors, from failure to diagnose patients early and from treatment is a major concern of the National Cancer Institute," said Dr. Seth Rudnick, principal investigator, clinical assistant professor of epidemiology and assistant professor of medicine.

"The grant will increase the awareness of preventive oncology in the clinical setting, serve to attract medical and public health students into careers in cancer prevention

and serve as part of the foundation for future efforts to control cancer."

Some of the new ongoing cancer prevention projects which will be developed or expanded during the next five years are:

- ... a study of patients with metastatic adenocarcinoma (a spreading glandular cancer) to try to determine the location of the original tumor.

- ... a study of the relationship of radiation therapy to the cause of a second cancer in cervical cancer patients.

- ... studies of the consequences of undertesting in the diagnostic evaluation of cancer patients and the benefits versus cost of follow-up tests in cancer patients.

Program researchers will use the Cancer Data Base, administered by the Cancer Research Center, UNC-CH School of Medicine. The Data Base contains patient and tumor identification data on approximately 26,000 malignancies seen at the N.C. Memorial Hospital since its founding in 1952. Besides the routine tumor registry functions, it will maintain research files for the program's cancer prevention investigations.

Environmental Health Personnel Trained for Expanded Role

As environmental health problems increase in complexity, management and control of these problems have become more important to health of citizens in the state. Local health agencies and personnel realize the need for current information in managing the pollution caused by changes in technology. The Environmental Health Project was designed to provide local practitioners with additional training based on projected changes in environmental health practice.

North Carolina is now the eighth leading industrial state in the nation. It has moved during the past twenty years from a relatively poor, rural agrarian state to a relatively poor, rural industrial state with different problems in control of the environment. This change coupled with an increasingly aware public has placed great stress on the local sanitarian/environmental engineer to keep up with the changing needs of the state.

Practitioners at the local and regional level will undoubtedly bear the responsibility for environmental control in this state because federal and state agencies do not have the money or the trained personnel to do all that is required.

The North Carolina Environmental Health Association accepted the challenge of the Governor and Dr. Hugh Tilson, director, NC Division of Health Services, to begin to expand the state's environmental health programs. The challenge brought about a special continuing education request to provide local practitioners with the knowledge and skills necessary for the expanded roles.

Joining forces with the state health director and East Carolina University's Department of Environmental Health, the UNC-CH School of Public Health participated in a series of meetings to discuss what was needed to adequately prepare environmental health professionals for practice in the 1980's. Out of this series of meetings a plan was developed to compare the practice in the state to the practice in the nation in terms of functions and competencies, to determine the state's practice needs for the 1980's, and to develop and implement a plan to upgrade current and future practice in the state.

Six one-day workshops were organized and advertised by the Environmental Health Section of North Carolina Public Health Association to assess the continuing education needs. The district chairmen who sponsored the workshop provided the practitioners access to the individual assessment reports. Participation exceeded expectation with 366 of the state's 500 registered sanitarians/engineers attending one of the workshops.

To begin to look at the needs of the practitioners the project team used the National Environmental Health Association's manpower survey and self assessment tools. The former was expanded to include a perception analysis which separated the knowledge/skills needs from the socio-political or organizational problems. With this tool a comparison can be made between the scores on the tool related to a particular task and personal rating on level of performance of the same task.

Priority in continuing education will be given to those areas in which activities are performed frequently, judged important, perceived as performed less well, and correlated with low scores.



Environmental health workshop held in Nashville, NC. Representatives of the cooperating universities (left to right) Dr. Trenton Davis, ECU; Mr. Joe Beck, WCU; Ms. Deborah Lawson, UNC-CH.

Each program participant and other key persons familiar with environmental health practice were surveyed to project changes in local environmental health roles programs in 1985. The results of the survey are being used as the basis for setting priorities for training.

With the educational needs determined, the next challenge will be designing educational programs to meet these needs.

The project team includes, Dr. Robert R. Robinson, Ms. Deborah Lawson and Mr. Richard House, School of Public Health Division of Community Health Service; Dr. Trenton Davis, East Carolina University, Department of Environmental Health; Mr. Stacy Covil, Division of Health Services; and Mr. Joe Beck, Western Carolina University, Department of Environmental Health. The educational program was approved by the National Environmental Health Association, the N.C. Local Health Directors' Association and the N.C. Environmental Health Association.



Life Members

New life members of the SPH Alumni Association are:

93. Dr. Ruby Isom
94. Dr. Louis J. Novak
95. Mr. C. Montrose Graham, Jr.
96. Mrs. Mazie J. Levenson
97. Dr. Robert D. May
98. Ms. Cynthia C. Houston

Life memberships dues are \$100 for individuals and \$150 for couples. Help the Association achieve the goal of 100 life members. Send your check payable to the School of Public Health Alumni Association to Ms. Harriet H. Barr, c/o Dean's Office, Rosenau Hall 201-H, Chapel Hill, NC 27514.



From Far and Near

Alumni News

Class of 1945

As a faculty member in the health education program at Sam Houston State University, **Dorothy A. Huskey** (HEED) is involved with the Indonesian students enrolled in the University. As a field experience, they are working on a community development approach with farm families. Dorothy will visit Indonesia during the summer of '81. . . . **Theron H. Butterworth** (HEED) is now living in Hummelstown, PA.

Class of 1946

Eloise Aultman (HEED) is teaching science to 126 girls in a private Catholic school New Orleans, LA. This, she writes, is a real challenge but a lot of fun.

Class of 1947

Alan Cameron (HEED) is living in Victoria, Canada, and is very much involved in working to eliminate inhumane trapping methods in Canada. . . . **Everett T. Aultman** (HEED) is continuing his work with United Way in New Orleans, LA. . . . **Maisie Bookhardt** (HEED) writes from Elloree, SC, that she and her sister visited family and friends in England for two weeks in June.

Class of 1948

Mary F. Arnold (HEED) is working at Denver University. One of her current projects is a grant from the National Cancer Institute to find out how physicians deal with the controversial issue of the use of estrogen in treatment for post-menopausal women.

Class of 1949

Louis J. Novak (HADM) is a physician in internal medicine and cardiology in Hollywood, FL.

Class of 1950

Ruth Richards (HEED) has formed a consulting group in health promotion and education, Richards, Simmons, St. Jean, Inc. . . . **Joan List** (HEED) writes she visited Israel in August to attend the Rudolf Dreikurs Summer Institute. . . . **Marjorie Clements** (HEED) writes that she is now in the real estate business with husband Jim and thoroughly enjoying it.

Class of 1951

Sumner Kaufman (ENVR) was on active duty as chief environmental officer, USPHS, Ft. Chaffee, AR, December 1980-January 1981. He is manager, Safety and Environment, American Cyanamed Co., Danbury, CT.

Class of 1956

C. Montrose Graham (ENVR) is district program manager for the Department of Human Resources, Dublin, GA.

Class of 1957

Paul B. Shanks (HADM) is now living in Nashville, TN.

Class of 1959

Joan S. Douglas (PHNU) is now living in Tempe, AZ. . . . **Ruby Isom** (HEED) writes that she is enjoying Texas where she is acting chairman of the Department of Community Medicine at the University of Texas Medical School. . . . **Airlie C. Bruce** (PHNU) is now living in Port Huron, MI.

Class of 1961

Omar L. Greeman (HEED) is with the Office of Vital Statistics in Frankfort, KY. . . . **Eric Ram** (HEED, ENVR '68 & 71) is now in Geneva, Switzerland. He participated in a medical consultation in 1980 in Zaire, where he met Dr. Sandy Marks, professor emeritus in the UNC-CH Dental Ecology Department and enjoyed hearing news first-hand from Chapel Hill. . . . **F. Eugene McJunkin** (ENVR) and former faculty member, has joined USAID as chief of the Community Water Supply Division, Office of Health, Rosslyn, VA.

Class of 1962

George Dudley (HADM), director, Dental Health Branch, NC Division of Health Services, and **John T. Hughes** (HADM, EPID, 1960) professor in HADM, attended the National Dental Caries Prevention Conference at the invitation of the National Institute of Dental Research. Discussion centered around the development of school-based prevention programs. . . . **Jean Robbins** (NUTR), a dietician, in cooperation with the Roanoke, VA, Dietetic Association is coor-

inating a Dial-A-Dietitian telephone delivery system of education to give Roanoke Valley citizens nutrition information.

Class of 1964

Robert M. Quillin (ENVR) is now the director of the Radiological Health Program for the Ohio Department of Health in Columbus.

Class of 1965

John H. Bell (ENVR) is chief, Medical Physics, Office of the Surgeon, Headquarters U.S. Army Material Development and Readiness Company, Washington, DC.

Class of 1966

Ardith J. Regdon (HEED) is NCOIC of the preventive medicine activity at the US Army Hospital, Wurzburg, Germany. . . . **Lois A. Dutton** (PHNU) is now living in Pelham, AL. . . . **Prem Talway** (BIOS, 1970) is professor and department head, Statistics and Demography, National Institute of Health and Family Welfare in New Delhi, India. . . . **Patricia A. Lusk** (HADM) is now living in Camp Springs, MD. . . . **Nancy Laszlo** (HADM) was installed in December as a member of the Board of Directors of Triangle Hospice.

Class of 1967

William J. Jasper (HADM) now retired is living in Raleigh, NC. . . . **Richard A. Carter** (EPID) is associate professor, Department of Community and Occupational Health, Meharry Medical College in Nashville, TN.

Class of 1969

Donald W. MacCorquodale (HADM) is a medical officer with AID in Washington, DC. In January he was certified as a Diplomate of the American Board of Preventive Medicine. Congratulations, Don!

Class of 1970

Katherine B. Nuckolls (EPID) (UNC-CH School of Nursing) served as a resource person for a seminar on the cost of nursing services at the annual meeting of the American Academy of Nursing in Dallas, TX. She also

participated in the Southeastern Dialogue on the Changing World Economy.... **Joseph R. Nichols** (HEED) is administrator of the Durham, NC, Rehabilitation Center. An Intermediate Care Facility has recently been opened at the Center.... **Kent Autor** (HEED) is president of the Alaska Public Health Association.

Class of 1971

Capt. **Dennis F. Naugle** (ENVR) is now living in Chapel Hill, NC.... **Gene D. Theriault** (BIOS) and **Michael Elliott** (BIOS) began their friendship when they were enrolled at the SPH. Ten years later the friendship is still very strong. Both are employed with the State of New York, Department of Health, Office of Public Health. Gene, a Research Scientist IV, heads the Bureau of Biometric Studies and Mike is the principal biostatistician, responsible for the Bureau of Vital Statistics. They have collaborated on several studies and share much of the administrative responsibility in the Office of Biostatistics.... **Etta Thurmond** (MHCH) is a nurse practitioner with the American Embassy in Quito, Ecuador.... **Carol J. Hogue** (EPID) is a scholar in residence through June, 1981 at the Family Planning Evaluation Division, Abortion Surveillance Branch, Center for Disease Control, Atlanta, GA.... **Priscilla A. Guild** (BIOS) has become assistant director for information systems, Health Services Research Center, UNC-CH.

Class of 1972

Linda Boise (HADM) is now living in Portland, OR.... **John E. King** (HADM) and **Christopher L. Wadsworth** (HADM, 1980) are serving as dental public health residents with the Dental Health Section, NC Division of Health Services. They have undertaken major projects related to the NC Department of Correction's Dental Manpower Study. John's study is an epidemiological survey of the oral health status of inmates and Chris' study is a treatment need's evaluation of the prison population.... **Edward T. McKeithen, II** (HADM) is now with the Refugee Section of the US Embassy overseas.... **S. Steward Vick** (HADM) is chief, Eye Care Services for the Blind in Raleigh, NC.... **T. Francis Wilson** (MENH) is on the staff of the Waterford Hospital Psychology Department in Newfoundland, Canada.

Class of 1973

Sister **Charlotte Kerr** (PHNU) is a practitioner of traditional acupuncture in Columbia, MD, and will be the clinical coordinator for the Traditional Acupuncture Institute.... **Anne S. McCook** (MHCH) is now living in Washington, DC.



Pictured at a reception held at the Executive Mansion, Raleigh, NC, North Carolina March of Dimes leaders are (left to right) Mrs. James B. Hunt, Jr., First Lady of North Carolina; Stephanie Bonner, State March of Dimes poster child; David Klein (NUTR, 1979); and Marjorie Busby (NUTR, 1980). David is project coordinator, and Marjorie is advisory committee member for a March of Dimes funded project on maternal nutrition, Department of Nutrition, UNC-CH School of Public Health.

Class of 1974

Molly Jenks (PHNU) is now living in Reading, MA.... **George C. Lam** (BIOS) is continuing in school at the University of Virginia.... **Curtis Jackson** (HADM) has been appointed director of a health services project sponsored by the General Baptist State Convention slated to begin in Franklin, Granville, Warren, and Vance counties in NC. Funded by a grant of \$100,000 from the Z. Smith Reynolds Foundation, the project will train volunteers to help people in their churches and communities use local resources, minister to people in crises, and help those with manageable problems get to proper authorities.... **William L. Beery** (HADM) has been named associate director for health promotion programs, Health Services Research Center, UNC-CH.

Class of 1975

Linda Stout (NUTR) recently married Canadian Thomas Doak and is living in Toronto, Canada.... **Betty Jane Phillips** (PALP) is chief, Bureau of Technical Services with the Mississippi State Board of Health.... **Alfred H. Broadhead** (HADM) is now living in Pittsboro, NC.... **Julian E. Keil** (ENVR) is living in Columbia, SC.... **Reinhart Tampubolon** (HEED) of Medan, Indonesia, is manager of a technical cooperation project to improve health conditions in North Sumatra sponsored by the Ministry of Health and the government of Japan. The area of the project is located around a large

aluminum factory being constructed by the Governments of Japan and Indonesia. Reinhart writes that he was married in 1977 to a dentist and she is with the School of Dentistry, Department of Dental Public Health, University of North Sumatra. They have 2 sons, Joshua, and Aaron.... **Eddy Salindeho** (HEED) writes that the Department of Health in Indonesia is in the process of developing models for integrated planning, implementing and evaluation of health programs. Four Provinces are conducting trials in communication, community participation, manpower development, health education technology, planning mechanism, reporting and recording. All trials will be evaluated in 1981. Eddy is married and has three children, Grace Desiree, Ingrid Jeannette, and Raynard Vincentius.

Class of 1976

Debra Ann Fondario (ENVR) married Steven Lemuel Medline and they are living in Concord, NC.... **Hope T. Norris** (HADM) is in Silver Spring, MD.... **Gary Forrest Frindstaff** (BIOS) is living in Washington, DC.... **William P. Brandon** (HADM) is now assistant professor of preventive medicine, community health and political science at the University of Rochester.

Class of 1977

Neil Altman (HADM) has been named health commissioner for Youngstown, OH.... **Janice M. Caldwell** (HADM) is executive director, Gerontological Society of America, Washington, DC.... **Leslie Ellen Ellis** (EPID) married George Faucette Kirkland, DDS.... **David E. Owen** (ENVR) has been promoted by Carolina Power and Light to occupational health specialist, Raleigh, NC.... **Joseph Gadek** (ENVR) is working for Development Alternatives, Inc. in Tanzania.

Class of 1978

Cynthia Reeser-Bogen (NUTR) is a nutrition consultant on an AID-funded project in Mauritania, West Africa. The objective of the project is to increase vegetable production and consumption. Cynthia writes that the work is very challenging amid difficult conditions. She is familiarizing herself with the eating habits, food preparations and preferences of the different ethnic groups. The environment is hostile to the traditionally nomadic pastoral culture. Most of the nomad's food is "on the hoof"; they consume the milk and flesh of their goat, cattle or camel herds. Sorghum, wheat and rice contribute well over half of their calories. The Maures prefer wheat and rice; the black groups prefer sorghum and rice. Cynthia is conducting nutrition education and vegetable preparation demonstrations

Cont. on page 15

Planned Parenthood Leader Discusses Issues



Ms. Faye Wattleton (left) explains program of PPFA to reporters. Dr. C. Arden Miller (center) and Mrs. Judy Tilson (right).

At 36, Faye Wattleton is the first woman, first black and the youngest executive to be president of Planned Parenthood Federation of America, Inc., (PPFA) the largest, private nonprofit health provider in the United States. The Federation has 186 local and state affiliates, more than 20,000 employees and volunteers and an annual budget that exceeds \$16 million. It provides services for more than a million women and men each year of which thirty percent are nonwhite and 85 percent are in the federally established poverty level.

Speaking at the School of Public Health recently, Ms. Wattleton pointed out that this is a critical time for Planned Parenthood. The Federation's fundamental mission is making contraceptive and reproductive health services available to all who want them, regardless of age, income, or place of residence.

As a part of that mission, PPFA has promoted the right of women to have a safe abortion. A woman's right to abortion was upheld by the Supreme Court in 1973. Since that time anti-choice forces have waged a fight to repeal that right. Medicaid funding for abortion except when the mother's life is endangered is now forbidden by the Hatch Amendment and some states have enacted laws which further restrict the availability of abortion. According to Wattleton twenty-two states still provide funding for abortions: nine provide state funding (North Carolina is one of these); thirteen states continue to provide funds under court order. The shift to the right by the current election and a president who has indicated that he will support an anti-abortion amendment causes Planned Parenthood grave concern.

Planned Parenthood has worked for the advancement of reproductive health for 63 years, Wattleton said. The goal is to prevent the need for abortion but we realize that a safe, legal abortion must remain a viable option for all women regardless of ability to pay. We will continue to fight for the right to choose and for restoration of Medicaid funding for abortions for this nation's poor women, she continued. At the same time, we will help to draw attention to the need to develop a safer, more effective means of birth control.

In a country built on fairness and pluralism of thought, all of us have the social responsibility to preserve the rights of our citizens, she continued.

Wattleton believes that there is a good chance Congress will pass a constitutional amendment on abortion, however she is doubtful that the amendment will be ratified by the states. Planned Parenthood would actively lobby against such an effort.

Another issue of great concern to Planned Parenthood is the one million teenage pregnancies in the United States each year. The majority according to Wattleton are unplanned and unwanted, nearly one-third end in abortion. The task is to reach the teenagers and provide them with the services they so desperately want and need before a pregnancy causes severe emotional and social trauma. Planned Parenthood, Wattleton added, is working toward improved sex education in the schools and better inter-family communications.

Prior to becoming president of PPFA, Ms. Wattleton was, for seven years, executive director of the Planned Parenthood affiliate in Dayton, Ohio and chair of the National Executive Directors Council of PPFA.

Ms. Wattleton received the bachelor's degree from Ohio State University and the master's degree in maternal and infant care with certification as nurse-midwife from Columbia University. She was consultant and assistant director of public health nursing services, City of Dayton Health Department, 1967-79.

Award Honors Ripperton

Citing his career of "distinguished achievement in the field of air pollution control," the national Air Pollution Control Association has established an annual award in the name of the late Dr. Lyman A. Ripperton, a professor at the University from 1958 to 1973.

Ripperton was a senior scientist at the Research Triangle Institute from 1973 until his death in December, 1978. He was recognized as one of the world's leading specialists in studies of the transport of ozone and its precursors, and the generation of high ozone concentrations in rural areas.

He became a national authority in atmospheric chemistry research as a supervisor for the Los Angeles air pollution control district. Later, during a 15-year tenure at the School of Public Health, the instructional and research program he led in the Department of Environmental Sciences and Engineering became the model for similar activities at many major universities.

Ripperton was a graduate of the University of Texas and received the Ph.D. in biochemistry there.

Nominations for the Lyman A. Ripperton award will be made each year, beginning in 1981. The award honors educators "who by precept and example shall have inspired students to achieve excellence in all their professional and social endeavors." According to the Air Pollution Control Association citation, the awards will "recognize the abilities that only a few in the education profession possess, to be able to teach with rigor, with humor, with humility and with pride."

Alumni and Friends Invited

Lecture Marks Chanlett Retirement

A special lecture on May 1, 1981 will honor retiring ESE faculty member Emil T. Chanlett.

Abel Wolman, professor emeritus of The Johns Hopkins University and one of the fathers of the sanitary engineering profession, will speak at 3:00 p.m. in the Banquet Hall, Morehead Building on the UNC-CH campus. His topic will be "The Past, Present and Future of Environmental Health."



Chanlett

In announcing the lecture, Dr. Russell F. Christman, Department Chairman noted: "Abel Wolman honors the Department and Emil in agreeing to present this lecture on the history of the sanitary engineering profession. We anticipate the attendance of environmental health professionals throughout the state of North Carolina as well as departmental alumni and friends. Wolman is acknowledged as one of the world's leading experts on water supply and as a distinguished educator in the field of environmental health."

Professor Chanlett is retiring after a 35 year teaching career on the UNC-CH campus. His book, *Environmental Protection*, now in its second edition, is considered the most definitive textbook in the field of environmental protection. Chanlett, also an alumnus of ESE, received the MSEE in 1941.

The lecture will be followed by a reception honoring Professor Chanlett. For more information contact Nan Burby, Editor, *ESE Notes*, Rosenau Hall, 201H, Chapel Hill, NC 27514.

Dinner Honors Stocking

On May 5, 1981 a dinner will be held to honor Barbara Stocking retiring on June 30, 1981 from the faculty of the Department of Maternal and Child Health.

Ms. Stocking joined the faculty at UNC-CH in 1963 after having served as an assistant professor, University of Minnesota, School of Public Health. She had considerable nursing experi-



Stocking

ence in a variety of settings—visiting nurse associations, hospitals, public health departments.

After receiving the B.S.N. degree from Wayne State University College of Nursing, she earned the M.P.H. degree from Harvard University School of Public Health. The World Health Organization honored her with a fellowship to study day care and school health services in 1967.

Ms. Stocking has been a valuable member of national, state, and local committees in areas of public health nursing, school health, and day care and an able teacher and advisor guiding students in achieving their career goals.

The dinner will be held at the Country Squire Steakhouse. For information and reservations contact: Helen Dark, Department of Maternal and Child Health, Rosenau Hall 201H, Chapel Hill, NC 27514.

Ohio Alumna Honored



Ms. Frankie Williamson (left) accepts the Cook Award from Robert C. Linstrom.

Frankie Williamson (HEED, 1950), assistant director for health planning in Ohio, was the recipient of the first Nelson C. Cook Award from the Ohio Association for Areawide Planning, Inc. The award recognizes outstanding contributions to health planning in Ohio.

Ms. Williamson was nominated by the dean of the Ohio State College of Medicine, who said "It is my conviction that Ms. Williamson has made the greatest single contribution to effective community-based health planning in the state."

Criteria for the award include a sincere interest and concern for people, sense of commitment and creativity, knowledge of the planning process, skill in community development demonstrated by successful resolution of community health problems, recognized leadership ability, support of the concept of broad citizen participation, integrity in principle and practice, and a sense of humor and confidence in the goals of health planning.

The Cook Award was created to honor Nelson C. Cook, director of West Ohio Health Systems Agency, who died in 1979.

Dying for a Job: Conference Examines Minority Problems



Dr. George Lythcott addresses conference.

"If this year is typical, 14 thousand Americans will die in job accidents—more than 2 million will suffer disabling injuries at their workplace—400,000 will become ill from diseases brought on by exposure to industrial fumes, dust, chemicals, noise or just plain tension."

"This is, indeed, a heavy toll," said Dr. George Lythcott addressing the fifth annual student minority conference held at the School of Public Health. Dr. Lythcott is former assistant surgeon general, U.S. Public Health Service, Department of Health and Human Services.

"In 1970 alone," Dr. Lythcott continued, "lost wages due to job-related conditions exceeded 1.5 billion dollars and workers compensation costs were nearly 5 billion dollars." Much of the burden falls on minorities because discriminatory employment practices force minorities into the least desirable, lowest paying, and most dangerous jobs.

A recent study showed that blacks make up 10.91 percent of the nation's workforce; they occupy 15.75 percent of the high risk jobs and only 5.97 percent of the low risk jobs. These statistics showed that black workers stood a one-third greater chance than white workers of suffering an occupational injury or illness; and a 20 percent greater chance of dying as a result, he said.

The study documents that discrimination in employment puts minorities in double jeopardy of their health: the jeopardy of poverty imposed health problems that result from low paying work and periodic layoffs and the jeopardy of job-related injuries and illnesses.

Poor whites, hispanics, and native Americans join blacks in suffering unusual risks at the workplace, Lythcott stated, because discrimination in hiring or promotion puts them in the toughest, dirtiest, and most dangerous jobs available.

Dr. Lythcott recommended several countermeasures to reverse the alarming statistics. Little research has been done on the subject and this suggests that one very important step is to foster more research on occupational hazards in schools of public health and a sharper focus on occupational medicine in the curriculum in medical schools, he said, and minority students should be encouraged to enter fields of research and medical practice that deal with job related diseases and injuries.

"The progress that we make will apply with equal force and vigor to every racial group in the American work force."

The right of the workers to health was set into law in 1970 with the passage of the Occupational Safety and Health Act. Since that time incidence of injuries on the job have edged downward and workers no longer have to work over open vessels that emit carcinogenic fumes from one dangerous chemical or another, Lythcott said.

If efforts to reduce government's role in protecting workers' health succeed, the movement must find other outlets for expression. Dr. Lythcott suggested two. Workers, particularly aggrieved minority workers, can organize the resources of minority organizations to press for health and safety reforms. Business and industry, seeing a healthier work force as a way of meeting its own self-interest and profit, can sponsor programs of health promotion and safety on an increasingly larger scale.

A national conference on health promotion programs in occupational settings attended by business and professional leaders, union representatives, and persons in occupational health fields found the work place to be a natural and effective focal point for providing health promotion programs. Dr. Lythcott believes industrial leaders have begun to see the benefits of health promotion programs reflected in reduced absenteeism and more efficient production.

Minority workers who suffer disproportionately from diseases brought on by alcohol, tobacco use, and stress would be major beneficiaries of health promotion programs at the job site, he concluded.

Health and Work

The 1981 Alumni Conference on the theme "Health and Work: Risks and Rewards" will be held April 9 and 10, at the School of Public Health.

The conference will open with the Foard Memorial Lecture and keynote address on the theme delivered by Dr. Eula Bingham, former Assistant Secretary of Labor for Occupational Safety and Health. During her tenure directing the activities of OSHA, Dr. Bingham focused the attention of the agency on the serious threats to the lives of American workers. Her leadership increased OSHA's capability to confront occupational health problems and instituted an educational grants program. In January 1981, Dr. Bingham returned to the position of professor of environmental health, Institute of Environmental Health, University of Cincinnati Medical Center.

The annual awards luncheon, four technical sessions, and an evening open for departmental events will complete the Thursday program. The technical sessions planned by the departments will examine the current knowledge about environmental health. Two sessions will run concurrently so each registrant may attend two.

Drs. James Merchant (EPID) and Earl Arp (ENVR) will share the general session Friday and will discuss the assessment of health hazards in energy technologies. The conference will conclude with four workshops on designing and implementing programs to monitor hazards, to promote health, and to study risk factors.

Fridays Receive Public Service Award

Ida (HEED, 1947) and William C. Friday, UNC President were honored recently for their years of dedicated service to higher education in North Carolina. They are joint recipients of the Ninth Annual North Carolina Public Service Award made by the North Carolina Chapter, Cystic Fibrosis Foundation. The award was presented at a banquet in February at the Royal Villa in Raleigh, NC, attended by five NC governors and hosts of friends and well wishers. In fact, according to Mr. Archie K. Davis, master of ceremonies, this was the largest attendance for any banquet held at the Royal Villa.

Five governors—The Honorable Terry Sanford, Dan K. Moore, Robert W. Scott, James E. Holshouser, Jr., and James B. Hunt, Jr. (current governor)—paid tribute to the Fridays and to their gracious and creative leadership. The award was presented by Governor Hunt.

In accepting the award, President Friday pointed out that we are all privileged people because we live in North Carolina, in a community that is growing better and trying to improve. "I can recount times when each of you has put yourself into a greater cause for a greater good," he said. "You are here because you care about children and because you care about the quality of education in our State and the University and its power as a positive force in the total educational effort."

We are joined in this effort, he continued, by thousands of citizens of North Carolina who as alumni and friends serve the University as governors, trustees, foundation officials and as volunteers, by hundreds of faculty and staff members and administrative officers whose achievements represent the established excellence and academic reputa-

tion the University enjoys at home and around the world; and by students on the campuses who achieve and emerge as new leadership, generation upon generation.

"So, we are a privileged people, blessed in so many ways in living in a land where, without arrogance or abuse of power and with humility and grace, we move forward with the courage to change and to fulfill the destiny that Divine Providence has given us the life and the freedom and responsibility to achieve."

The award banquet was a gala event, and it couldn't have happened to two nicer people.



1981 North Carolina Public Service Award recipients, Mrs. Ida Friday, (HEED, 1947) and President William C. Friday. (Photo by Orville Campbell)

Child Health Policy Subject of Bush Institute

All families, rich or poor should have prenatal and maternity care, continuous health care for children from birth to age five, and family planning.

That recommendation is one made by a 17-member congressional panel of health experts, including government officials, academicians, and consumers. In their report, "Better Health for our Children: A National Strategy," more than 100 wide-ranging and controversial recommendations for changes in the government's current child health policy were made.

Recommendations for child health policy were the subject of the third annual colloquium series offered by the Bush Institute for Child and Family Policy.

Lisbeth Bamberger Schorr and C. Arden Miller shared the program for the first seminar. Ms. Schorr, chairman, summarized the Select Panel report and emphasized potential improvements in child health which could result from implementing the Panel's recommendations, while Dr. Miller surveyed the current status of child health in the United States and outlined principles for new initiatives in child health policy.

Ms. Schorr has served in many government and academic positions including her most recent posts as chief of health services, Office of Economic Opportunity, and scholar-in-residence, Institute of Medicine, National

Academy of Sciences. She is a visiting professor in the Department of Maternal and Child Health, School of Public Health.

According to Ms. Schorr the recommendations of the Select Panel were made with emphasis on the need for better implementation of maternal and child health knowledge and more accessible preventive health care measures.

The Panel was struck by the contrast; health care for pregnant women and young children is not distributed evenly throughout the population.

Programs of health promotion, disease prevention and family education, and basic prenatal health care accessible and available to everyone are needed.

The Panel called for improvements to private health care plans and establishment of a national plan for public maternal and child health insurance.

The report also called for the increased use of nurse practitioners and of home visiting both before and after birth, for strengthening the school nurse program, and for increased involvement of the family in the health care process before and after birth. The members felt very strongly that the health care system must recognize and support the family.

The Panel was created in 1978 by congressional legislation, and its members were appointed by the Secretary of

UNC-CH Scientists Develop Device for Counting, and Measuring Particles

By David Williamson



Dr. Stephen Coover demonstrates counting device.

Turn on the faucet in your kitchen sink slightly, and the water will trickle out smoothly. Open the tap all the way, however, and the water will not only flow faster—it also will appear as an unorganized thrashing torrent.

Taking advantage of this principle, which operates similarly in air, Drs. Stephen R. Coover and Parker C. Reist (ENVR) have invented the first simple device that will both count and size relatively large airborne particles.

Developers of the instrument believe it could have widespread applications in industry, health and agriculture. Among the possible applications, they said, are monitoring air quality in textile and furniture factories, maintaining continuous, precise pollen counts and altering the methods used to sow tobacco and other tiny seeds.

Coover, research assistant professor, and Reist, professor, recently patented their acoustical particle sizing device. The scientists envision that the device will cost less than \$1,000 if a commercial firm decides to manufacture and market it. Instruments currently being sold for counting and sizing particles typically cost between \$7,500 and \$10,000 and do not work as well for particles that have diameters ranging from 10 to 60 microns, the size of most pollen grains, Coover said.

The new instrument consists of a narrow, 6-inch plastic tube that tapers to an even narrower 2-inch capillary tube. A vacuum pump attached to the bottom sucks air through the system at adjustable rates while a microphone on the side picks up noises the particles create.

"When air speeds up to pass through the tube, particles like pollen that are suspended in it accelerate more slowly because they are heavier than air," he explained. "This disturbs the superlaminar (very smooth) air flow, changing it momentarily into a less efficient turbulent flow like water rushing out of a faucet or past a stick that's embedded in the middle of a river."

Turbulence causes the air in the plastic tube to resonate in much the same way closed end organ pipes resonate when a musician strikes the appropriate keys. The result is a distinct "click" each time a particle passes through. Coover said the microphone and electronic circuitry count the clicks and keep a running total on a device that looks like a digital clock. He demonstrated its sensitivity by shaking a clean handkerchief over the top, and the machine began clicking furiously.

"Scientists have known for a number of years that particles could be counted by sound like this," he said. "Our contribution has been to explain the theory of operation; to assemble state-of-the-art electronics into a nice, compact system that is almost ready for commercial marketing; and to develop the technique for sizing the particles in addition to counting them."

The method for measuring size is based on the observation that the faster air flows through the system, the smaller the particles are that can be detected. By making a number of different counts at varying air speeds and applying a little mathematics, the scientists can generate a particle size distribution pattern.

"In the field of industrial hygiene, it is very important to know not only the number of particles workers may inhale but also the size because the smaller ones can enter the lungs and cause various kinds of lung diseases," he said. "The larger ones, which don't enter the lungs, may lodge in the nose and pharynx, causing cancer or other problems."

Coover said that the instrument has application for agriculture. Tobacco and other tiny seeds, for example, could be passed through the device and onto a line of sticky tape that would advance at regular intervals every time a click sounded. In that way, a farmer could buy strips of seeds to plant directly in his field, rather than having to scatter the seeds haphazardly and then transplant them when they begin to grow.

Regional Master's Degree Program Begins

The Department of Health Administration will begin the regional master's degree program in June, 1981 (*The Body Politic*, Volume 8, Number 1).

The program, based in Chapel Hill, is designed for working professionals and can be completed in two to five years. Transfer of approved course work, guided self-study modules, and summer school study can be combined to meet the requirements of the degree.

Applicants must have earned at least a bachelor's degree from an accredited school with a 3.0 or better grade point average, have completed the GRE satisfactorily and have held a responsible administrative position for a minimum of three years. Special emphasis will be placed on recruiting residents of the southeastern United States.

For information and application forms write:

Regional Degree Program
Department of Health Administration
School of Public Health 201H
Chapel Hill, NC 27514

Project Addresses Water and Sanitation Needs in Developing Countries

Over one and one-half billion rural and 200 million urban people in the world suffer from lack of safe drinking water and adequate sanitation. These conditions exact a heavy toll in human suffering by spreading disease, increasing infant and child mortality, and diminishing human productivity by requiring women in particular to draw water from great distances.

Worldwide efforts to provide safe drinking water and sanitation to all by 1990 was stimulated by the United Nations declaration of 1981-1990 as the International Drinking Water Supply and Sanitation Decade.

The developing countries indicated their concern about community water supply and sanitation at the U.N. Water Conference (1977), and the U.S. agreed to increase significantly its commitment to this problem.

The technology appropriate for the water and sanitation needs of most communities already exists. What is needed is a way of helping countries analyze their water and sanitation problems, design a plan for overcoming the problems, and implement the plan.

Because AID does not have enough in-house sanitary engineers and other sanitation specialists needed to address this massive problem, a new project has been created to provide this program with project managers to lend technical assistance and information services.

The Water and Sanitation for Health (WASH) Project will provide AID personnel with centrally-funded services to improve drinking water and sanitation with a minimum of ad-

ministrative effort and delay. This new structure will bring experts in planning, economics, sociocultural aspects, and the technology of low-cost water supply and sanitation together with technical and information support.

The services offer assistance in rural and urban-fringe water supply and sanitation in the areas of general technical assistance, technology transfer, manpower development and training, and information support.

A broad range of services to help conceive, plan and implement rural and peri-urban water supply and sanitation projects will be provided. Consultants will trouble-shoot problems and evaluate the results of on-going systems.

Water and sanitation components of health, nutrition, housing, population, science and technology, urban and rural development projects are also eligible for WASH assistance.

WASH services are not intended to replace normal project services, however, WASH can supplement the program/project development



Turner

Study Shows Educated People Have Higher HDL

Better educated people, particularly younger women, have higher levels of a type of cholesterol thought to protect against heart disease than persons with less education, according to a School of Public Health study. Dr. Gerardo Heiss, research professor of epidemiology is principal investigator.

The study, presented at the American Heart Association's 53rd Scientific Sessions, suggests that better educated people are more likely to exercise, eat properly and drink moderately and are less likely to smoke and to be overweight. The findings are based on an examination of 2,182 women and 2,368 men between the ages of 20 and 59 who are participating in the Lipid Research Clinics Program of the National Heart, Lung and Blood Institute. The program, probably the largest and most complex medical research effort ever undertaken, is aimed at understanding the factors that contribute to or might prevent heart disease.

According to Dr. Heiss, previous studies have shown high density lipoprotein (HDL) to be associated with a lower incidence of atherosclerosis—the progressive build-up of cholesterol plaque in arteries.

Low density lipoprotein (LDL), on the other hand, has been linked to a greater risk of heart disease, and it is thought that HDL acts as a kind of arterial cleaner to block or reduce LDL's accumulation in blood vessels. The new study, which Heiss conducted along with five associates,

clearly shows that except for men aged 40-59 who showed no significant differences, the more education one has, the more HDL one has also. Better health habits like avoiding obesity and smoking accounted for the higher HDL levels in everyone but younger women who had the highest HDL levels of all. Moderate drinking also had a positive effect

Cont. on pg. 12.



Dr. Gerardo Heiss reviews HDL study.

process in a variety of ways.

Technical expertise for transferring, adapting and evaluating water supply and sanitation "hardware" such as hand pumps and privies will be available also. WASH will help plan and field evaluate methodologies for training, operation and maintenance and, on a collaborative basis, use of water supply and sanitation devices with a high degree of participation of the developing countries.

Because traditional academic curricula in water supply and sanitation are often inappropriate and ineffective in providing people with the necessary skills for the immediate task, the WASH project will make extensive use of competency-based training (CBT) techniques. Training will concentrate on specific work activities such as pump repair or privy construction and the effectiveness of the training will be evaluated during and after instruction.

The WASH Coordination and Information Center in Arlington (Rosslyn), Virginia, will provide accurate and current information on all technical, socio-economic and health aspects of rural and urban-fringe water supply and sanitation programs. With access to all major repositories of information on rural and peri-urban water supply and sanitation programs throughout the world, the Center will analyze and disseminate information to AID personnel upon request.

The five institutions which will coordinate and manage the Project include: Camp, Dresser and McKee; Boston University, Center for Educational Development in Health; International Science and Technology Institute; Research Triangle Institute; and the UNC-CH School of Public Health, Department of Environmental Sciences and Engineering. The latter will provide expertise in sanitary engineering, public health, environmental health economics, training, and social sciences. Among the School of Public Health faculty who are closely involved are Drs. Alvis Turner and Daniel A. Okun.

Abernathy Directs POPLAB Program

Dr. James R. Abernathy, professor of biostatistics, has been named director of the International Program of Laboratories for Population Statistics in the School of Public Health.

Abernathy has been associated with the POPLAB program since its inception in 1967 and has been deputy director since 1978. He succeeds Dr. H. Bradley Wells, professor of biostatistics, who retired in December.

POPLAB is sponsored by the U.S. Agency for International Development to assist developing countries in conducting surveys of population levels and trends. Indonesia, Mexico, Colombia, Somalia, Bolivia and Jordan currently are receiving such assistance.

Abernathy, a public health statistician and demographer, joined the School of Public Health faculty in 1965. He also received the MSPH and PhD degrees in biostatistics from the UNC-CH School of Public Health. He earned the BS degree from Samford University in Birmingham, AL.

Health, Education and Welfare. In addition to Dr. Miller, a number of UNC-CH faculty members were involved in preparing the report. Dr. Katherine Nuckolls (School of Nursing and EPID, 1970) was a member of the Panel; John Akin (economics), Mildred Kaufman (NUTR), Howard Jacobson (NUTR and MHCH), and Barry Popkin (NUTR) served as consultants to the committee.

Higher HDL

Cont. from pg. 11

"In females under age 40, presumably there are additional factors like nutrition and exercise that we did not examine in the study," Heiss said.

For research purposes, education was chosen as representative of the subjects' lifestyles and socioeconomic status. Neither the kind of work a person did nor income was correlated with HDL levels because work is subject to misclassification and many participants might have been unwilling to disclose income.

Heiss said all of the suspected positive effects of education, strenuous activity and leanness and the detrimental effects of smoking and obesity currently are based on indirect evidence of HDL's protective action. Actual proof will have to come from intervention studies with healthy persons and patients under carefully controlled conditions.

"Before we instruct people to change their lives, we need to have an adequate basis for making recommendations," he said. "The hard experimental proof is not there yet, but we are developing a framework of useful information that could help people choose a more healthy lifestyle."

Co-authors of the education study are Richard Mowry (BIOS) and Dr. H. A. Tyroler (EPID) UNC-CH School of Public Health; Dr. William Haskell, Department of Medicine, Stanford University; Dr. Michael H. Criqui, University of California at San Diego; and Dr. Mary Brockway, Oklahoma Medical Research Foundation, Oklahoma City.

The University of North Carolina at Chapel Hill serves as the Central Patient Registry and Coordinating Center for the 11 U.S. Lipid Research Clinics and four others in Canada, the Soviet Union and Israel. Dr. O. Dale Williams (BIOS) is director of the CPR.

Applause from Alumna

Letters from alumni expressing gratitude for their education at the School of Public Health are always appreciated.

As MCH Program Coordinator, Health Division, Oregon Department of Human Resources, **Marianne Remy** (MHCH, 1979) writes that she has had the opportunity to become involved in many exciting projects in maternal and child health. The latest is in the area of regionalized perinatal care with the Intensive Infant Care Project at the University of Oregon. The state legislative mandate for a system is under consideration. As students Marianne and Susan Cohen (MHCH, 1978) studied the process of perinatal legislation development and implementation in North Carolina.

"I continue to feel gratified that many of my experiences as a student at UNC are providing me with valuable bases for functioning in my role as MCH program coordinator," she says.

On Campus

Faculty News



Edward J. Kuenzler (ENVR) was selected as the recipient of the second Newton Underwood Award. Initiated in 1974 to honor the late Dr. Newton Underwood, the award is given to a faculty member in the ENVR department chosen by the students as an example of the principles, judgment and integrity that Dr. Underwood brought to the classroom. The award is offered annually but is not given unless there is a candidate who exemplifies the standards of Dr. Underwood.

Judith L. Adams (PHNU) and **Jonathan B. Kotch** (MHCH) were among the twenty associate and assistant professors who received junior faculty development awards. Dr. Adams was awarded an Institutional Development Foundation award and Dr. Kotch a R. J. Reynolds Industries award.

Jacob Koomen (HADM) was awarded the 1980 University of Rochester Citation to Alumni for distinguished service to the University and for professional accomplishment. He was honored for his "innovative and forward-looking public health programs that have set standards and a pace that others have applauded and emulated" according to the citation.

Robert R. Robinson (DCHS and PHNU) became the 32nd president of the American Academy of Health Administration. The Academy is an interdisciplinary association of professionals interested in the improved administration and management of health services.

George M. Neely (HADM) has been named to the advisory panel for the National Public Management Research Project sponsored by the National Association of Schools of Public Affairs and Administration and N.C. State University.

Jo Goulson (PALP) has been named to Who's Who in the South and Southwest and Who's Who of American Women.

Priscilla A. Guild (BIOS and Health Services Research Center) and **Earl Siegel** (MHCH) presented a paper on how to use data when planning maternal and child health programs at a conference sponsored by the N.Y. Department of Health and the federal DHHS.

Berton H. Kaplan (EPID) recently presented a grand round lecture on the social environment and psychotherapy to the Department of Psychiatry at Duke University. He also gave presentations at Harvard, Yale, and the University of Rochester. Dr. Kaplan

is a research consultant for the William Grant Foundation of New York City. This Foundation supports research and training in the area of stress and coping behavior of children.

Nancy Milio (HADM and School of Nursing) has been appointed a consultant to the National Center for Health Services, DHHS. She will review research grant applications dealing with disease prevention and health promotion. In addition, Dr. Milio was named to the national review panel for "Health Promotion with the Elderly" training project of the University of Washington School of Social Work and elected to a two-year term on the APHA Governing Council.

A study directed by **William G. Hollister** (Psychiatry and HADM Emeritus) concerning the mental health care of rural residents in Chatham, Moore, and Richmond counties (NC) will look at the alternatives to traditional psycho-therapy for rural people. The three year effort is supported by the National Institute of Mental Health.

B. G. Greenberg (Dean and BIOS) received the American Public Health Association's 1980 Statistics Section Award. The award honored Dr. Greenberg for his work in statistics and his contributions to education and research. The citation also recognized his contribution to the evaluation of social programs; as a consultant to private practitioners, local health departments and state agencies; and as chairman of the Governor's Task Force on the Disposal of Hazardous Wastes.

Julia Watkins (PHNU) is president of the Triangle Hospice.

B. J. Campbell (HADM adjunct and director, Highway Safety Research Center) was the keynote speaker at a road safety conference in Melbourne, Australia. He was the recipient of the National Highway Safety Administration's Public Service Award in November.

John Hatch (HEED) received the 1980 Hildrus A. Poindexter Service Award from the Black Caucus of Health Workers, American Public Health Association. The award honored Dr. Hatch for his leadership in community organization programs for minorities. His most recent project was in Chatham County, where leaders in local churches were trained to give advice on good health practices and health resources. He directed the health education project in Cameroon and has worked on other rural health projects in this country and abroad.

Barry M. Popkin (NUTR) has been appointed to a National Academy of Sciences Panel on factors affecting food selection. Dr. Popkin served on a scientific working group on social and economic research for the U.N. Development Program/World Bank/World Health Organization Special Programme for Research and Training in Tropical Diseases.

Arthur C. Stern (ENVR) gave a keynote address at the opening plenary session of the fifth International Clean Air Congress of the International Union of Air Pollution Prevention Associations in Buenos Aires, Argen-



The recipients of the APHA Statistics Section Awards (left to right seated) Dr. B. G. Greenberg, Dr. Margaret Merrell, Mr. Theodore D. Woolsey. Chairman of the Section, Dr. Edward B. Perrin, stands.

tina. Dr. Stern has been elected to membership in the National Academy of Engineering. Election to the Academy is the highest professional distinction that can be conferred on an American engineer. Members are chosen from among those who have made important contributions to engineering theory or who have pioneered in new and developing fields of technology.

Tony Whitehead and Joyce Kramer (HEED) have been appointed to the task force on diffusion strategies in minority populations of the National Heart, Lung and Blood Institute, National Institutes of Health. The task force will help to identify beliefs, values, and health practices of minority populations and will recommend ways to promote blood pressure detection, control and compliance.

Philip C. Singer (ENVR) made a presentation at the joint meeting of the American Waterworks Association and the Water Pollution Control Association in Charlotte, NC. Singer also presented invited seminars at Drexel University and the University of Delaware and presented a paper at the Office of Water Research and Technology Symposium on Membrane Processes at Wrightsville Beach.

Ralph Boatman (HEED) presented a paper at the Invitational Symposium on Human Resources Management in Chicago.

Emil Chanlett and Daniel Okun (ENVR) each wrote a chapter of the 11th edition of "Public Health and Preventive Medicine." Okun is chairman of the National Research Council's Committee to Review the Metropolitan Washington Area Water Supply Study, which recently published an interim report. He is also directing the Department of Environmental Science and Engineering's participation in the Southeast Consortium for International Development project, intended to improve environmental planning and resource management in Africa.

Ronald W. Helms (BIOS) has been elected chairman-elect of the statistical computing section, American Statistical Association.

James E. Grizzle (BIOS) and **Daniel A. Okun** (ENVR) have been elected members of the Financial Exigency and Program Change Committee that reports directly to the Faculty Council. Dr. Okun is chairman of the committee.

Elizabeth J. Coulter (BIOS and Associate Dean) is a member of the Faculty Council's Honorary Degrees and Special Awards Committee.

SPH faculty appointed by the Chairman of the Faculty and their committee assignments are: **Dorothy Talbot** (PHNU) the University Priorities Committee and University Government Committee; **Harriet H. Barr** (HEED and Dean's Office), Catalog Committee; **John Hatch** (HEED), Faculty Welfare

Committee; **William T. Small** (Assistant Dean), Status of Minorities and the Disadvantaged Committees.

John Hatch, Howard Barnhill and Tony Whitehead (HEED) are members of a technical advisory board that guided the development of a project of the General Baptist State Convention. This project has been awarded a \$100,000 grant by the Z. Smith Reynolds Foundation. The Department's relationship will continue through a contract for technical assistance.

Governor James B. Hunt has named **William T. Herzog** (HADM) to the Advisory Committee for the N.C. Public Manager Program. The committee consists of sixteen members appointed by the governor.

Barbara B. Kramer, formerly assistant to the Vice Chancellor of Health Sciences, UNC-CH and assistant professor in the School of Dentistry in the Division of Health Affairs has accepted an appointment as director of the Health Planning and Resource Development Section, NC Department of Human Resources.

The UNC-CH Center for Early Adolescence, MHCH, has been selected for a \$300,000 grant from the Mary Reynolds Babcock Foundation to continue operation for three years. The Center, an advocate for 10 to 15 year olds, concentrates its efforts on responsive schooling and the need for appropriate youth activities during after-school hours. **Joan Lipsitz** is director.

Guy W. Steuart and Godfrey Hochbaum (HEED) participated on a statewide task force charged with the task of defining the responsibilities and functions of the Office of Health Education, NC Division of Health Services. The task included the preparation of a job description and criteria of selection of the chief. Dr. Hochbaum is also a member of the search committee.

The Central Patient Registry of the Lipids Research Center has formed a Nutrition Analysis Working Team to facilitate the research of nutrition working groups throughout the LRC Program by providing liaison between the researchers in the field and the CPR staff. The members of the team are **Suzanne Haynes**, (EPID), chair, **James Hosking** (BIOS) co-chair; **John Anderson** (NUTR), **Shelly Chi** (BIOS), **Elaine Prewitt-Rice** (NUTR) and **Gwen Waldman** (NUTR).

Ralph Boatman (HEED) was appointed to a committee studying proposed educational essentials for the American Hospital Association.

Russell F. Christman (ENVR) attended a steering committee meeting for an international humics symposium in Oslo, Norway. He also presented a seminar on U.S. drinking water regulations.

H. Bradley Wells retired as professor of



Wells

BIOS and director, International Program of Laboratories for Population Statistics, UNC-CH on December 31, 1980. He has been appointed professor of BIOS, Department of Family Practice and Community Medicine and senior biostatistician, Oncology Research Center, Bowman Gray School of Medicine, Wake Forest University, Winston-Salem, NC.

The first in a series of planned data books based on data from the LRC Program Population Studies has been published. Entitled *The Lipid Research Clinics Population Studies Data Book, Volume 1: The Prevalence Study*, the book should be useful as a reference for the scientific community in general and for persons involved in cardiovascular research in particular. This volume is a publication of the US Department of Health and Human Services. **H. A. Tyroler** (EPID) was chairman of the Prevalence Study Epidemiology Committee.

James E. Watson (ENVR) has been elected to a three-year term on the board of directors of the Health Physics Society. He also participated in the recent organizational meeting of an EPA-sponsored committee for independent scientific review of the environmental impact statement related to the decontamination and disposal of radioactive wastes resulting from the Three Mile Island nuclear accident.

Tony Whitehead (HEED) presented a paper recently at the American Anthropological Association meeting in Washington, DC.

Donald T. Lauria has been named deputy chairman, Department of Environmental Sciences and Engineering.

Thomas J. Bacon (HADM and associate director of AHEC) chaired a workshop at the Southern Regional Education Board conference in Atlanta. Dr. Bacon is 1981 presi-

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Alumni News

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in homes, schools, and maternal child health centers. . . . **Jolene Chinchilli** (ENVR) is now living in Gaithersburg, MD. . . . **Ronald H. Hill** (ENVR) and his wife Amy announce the arrival of a son, Jeffrey Holbrook born June 1, 1980. They are now living in Russell, KY. . . . **Frances Hill** (PHNU) married W. David Long in November. Frances is director of Public Health Nursing, Waccamaw Public Health District, Conway, SC. . . . **Susan Cohen** (MHCH) is employed with the NC Division of Health Services in Raleigh, NC. . . . **Marion Elliott** (ENVR) is employed with the Research Triangle Institute in Durham, NC. . . . **Tryphena Ann Gorton** (EPID) is living in Bloomfield Hills, MI. . . . **Patricia Gibson** (PHNU) is with the Port Au Prince/ID, State Department in Washington, DC. . . . **Margaret Parsons Myers** (NUTR) is now living in W. Lebanon, NH. . . . **Robert Van Hook** (HADM) is director of Primary Care, WV State Department of Health in Charleston.

Class of 1979

Barbara C. Deuvoket (NUTR) is a public health nutritionist with the Waccamaw Health District in Myrtle Beach, SC. . . . **Mary Beth R. Gilboy** (NUTR) is now living in Mt. Lebanon, PA. . . . **Barbara McHugh** (PHNU) assistant director of rehabilitation, UNC-CH, gave a presentation at the National Educational Conference of the Association of Rehabilitation Nurses in Seattle, WA, and received a plaque for her work as chairman of the Rehabilitation Nursing Institute. . . . **Robert Martin** (PALP) is

now living in Houghton, MI. . . . Graduates of this class and the organizations with which they are employed are: **Glinda Cooper** (NUTR), Georgetown University, Washington, DC; **Dennis E. Harrington** (NUTR), Scotland County Health Department, Laurinburg, NC; **Susan Sloat** (HADM), Duke University Medical Center, Durham, NC; **Cora H. Breeden** (BIOS), Research Triangle Institute, Durham, NC; **Cecilia Byrd** (PHNU), State of North Carolina, Raleigh, NC; **Alan Clark** (PALP), Public Health Laboratory Section, Division of Health Services, Raleigh, NC; **Valerie E. Coachman** (NUTR), Guilford County Health Department, Greensboro, NC; **Denise D. Estridge** (PHNU), Bowman Gray School of Medicine, Winston-Salem, NC; **Paul Feldman** (EPID) International Fertility Research Program, Research Triangle Park, NC; **Pam Fitzpatrick** (NUTR), Oregon Department of Public Health, Eugene, OR; **Michael P. Flynn** (ENVR), US Environmental Protection Agency, Washington, DC; **G. Michael Freeman** (NUTR), Harnett County Health Department, Lillington, NC; **Linda Greer** (ENVR), Midwest Research Institute, Raleigh, NC; **Diane Hamilton** (NUTR), UNC-CH, SPH Nutrition Department; **Phyllis R. Holmes** (PHNU), Nurse Finders, Oakland, CA; **Kay S. Irons** (PHNU), Visiting Nurse Association, Louisville, KY; **Kathryn B. Newsome** (HADM), Knox Community Hospital, Mt. Vernon, OH; **Linda Overholser** (NUTR), U.S. Public Health Service, Bakersville, NC; **Nancy S. Pendergrass** (NUTR), Johnston County Health Center, Smithfield, NC; **Charles Piechota** (ENVR), IBM, New York, NY; **Susan Rumsey** (MHCH), Wake AHEC, Raleigh, NC; **Marilyn M. Stein** (PHNU), State of Florida, Division of Licensure and Certification, Miami; **George W. Strein** (HADM), University of South Dakota,

Sioux Falls; **Judith Teuber** (PHNU), Read Memorial Hospital, Hancock, NY; **John E. Tobiason** (ENVR), Wright Pierce Engineers and Architects, Portsmouth, VA; and **Martha Weiss** (NUTR), Foster Parents in Guatemala. . . . **Kay Lovelace** (HEED) is curriculum coordinator of Occupational and Environmental Health Program, Department of Family Medicine, UNC School of Medicine. . . . **Robert Elwood Williams** (HADM) married Susan Marie Lehman and they are living in Wendell, NC. . . . **Karen Bostic Ramsey** (HEED) writes that she has changed jobs and is now a health educator with the Richmond County Health Department, Rockingham, NC. . . . **Kim Bartley** (MHCH) and husband Don are living in Atlanta, GA, where Don has a fellowship. She writes that their son, Aaron has recently celebrated his first birthday.

Class of 1980

John M. DeBoy (PALP, 1976) is the director of Laboratory Operations for the Diagnostic Laboratory, New York State College of Veterinary Medicine, Cornell University, NY. . . . **Hoke P. Kimball** (ENVR) is with the Forsyth County Environmental Affairs Department, Winston-Salem, NC. . . . **Bradford Kirkman-Liff** (HADM) has accepted an appointment as assistant professor, Center for Health Services Administration, Arizona State University, Tempe. . . . **Joy L. Anderson** (HADM) is employed with the Mecklenburg County Health Department, Charlotte, NC. . . . **Kenna L. Stephenson** (HADM) is continuing her studies at Duke University, Durham, NC. . . . **Deborah K. Olden** (PHNU) is employed with the Spartanburg County Health Department, Spartanburg, SC. . . . **Thomas E. Shook** (NUTR) is continuing in school at UNC-CH. . . . **Michael L. Bowen** (ENVR) is now living in Durham, NC. . . . **Rhonda R. Runner** (HEED) has joined the staff of the Van Buren County Health Department in Michigan. She is director of health education. . . . **Jane Nielsen** (HEED) writes from Denver, CO, that she is teaching gymnastics and working as a counselor/education supervisor for the Florence Crittenton residential facility for unwed, pregnant teens. She is also working in a related program, "Reaching Adolescent Males" which provides family planning information for that population. . . . **Cathy Winberry** (HEED) health educator with the Orange County Health Department, has planned a dental health fair as one of the events for Dental Health Week. The fair will display dental related science projects made by school children. Prizes will be awarded for the best projects.



Alumni Association

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Mail to: Mrs. Harriet H. Barr
 Director of Public Relations
 School of Public Health 201 H
 Chapel Hill, N.C. 27514

The BODY POLITIC is edited by Harriet H. Barr. News items are encouraged and should be sent to the editor, Dean's Office, School of Public Health 201H, Chapel Hill, N.C. 27514

dent, North Carolina Health Council. **Harriet H. Barr** (HEED and Dean's Office) is secretary.

The E. I. DuPont de Nemours & Co. has awarded grants totaling \$33,500 to UNC-CH from the DuPont educational aid program. The ENVR Department received a \$8,000 grant to enhance the strength of instruction in science and engineering and a \$10,000 occupational and environmental health grant for use in the industrial hygiene program.

Cecil G. Sheps (HSRC) has been named ad hoc adviser to the 1981 White House Conference on Aging.

Edward H. Wagner (EPID) has been named deputy director for research, Health Services Research Center.

John Hughes (HADM) and **Gary Rozier** (HADM) report that accomplishments have been realized in terms of better dental health for our people in North Carolina. According to preliminary findings of the recent study to determine the status of dental health in North Carolina and compared to findings in the Fulton-Hughes 1963 study there has been a reduction in decayed, missing, or filled teeth (DMFT) by 1.5 teeth per person in the population aged 5-29 years. Some statistics:

—In Elmurst School (Pitt County), not one six-year molar has been lost to decay by any child who has participated in the preventive dentistry program for the last six years.

—A 39.6% reduction in caries is noted in students in Seagrove, NC, after ten years of rural school water fluoridation.

—A 34% reduction in caries is noted in students in Happy Valley, NC, after eight years of rural school water fluoridation.

William P. Richardson (professor emeritus of Preventive Medicine) has received the Distinguished Service Award of the American College of Preventive Medicine. Dr. Richardson was honored for his contributions to graduate education in preventive medicine and his years of service on the residency review committee for preventive medicine. He was the first director of the preventive medicine residency program at UNC-CH—serving from 1966 until he retired in 1977—and a former faculty member of the UNC-CH School of Public Health.

Barbara S. Hulka (EPID) was a lecturer at a special seminar at the UNC-CH School of pharmacy on risk-benefit analysis of drugs, foods, and the environment. A consultant to the National Academy of Sciences, Dr. Hulka spoke on "Human Epidemiological Evaluation."



Personnel Actions

Promotions:

To Research Associate Professor:
Gerardo Heiss—EPID.

New Appointments:

To Assistant Professor:
James D. Hosking—BIOS. A Chicago native, Hosking received the B.S. degree from Georgia Institute of Technology and the M.A. and Ph.D. degrees from UNC-CH.

To Clinical Assistant Professor:
Moses Carey—HADM
Richard M. House—joint appointment in HEED.

Leaves:

David G. Kleinbaum, BIOS, EPID; has been approved for a leave of absence from August 1, 1982 to July 31, 1982, to be a visiting scientist in the biostatistics-epidemiology units of the Institute of Medics in Munich, Germany.



Addresses Anyone?

Won't you please help us locate these alumni? If you have a correct address, please send it to Ms. Harriet H. Barr, c/o Dean's Office, Rosenau Hall, 201-H, Chapel Hill, NC 27514.

Philip P. Braswell
John Braun
William Brennan
Jane M. Brennen
Virginia H. Brennen
William S. Brewer, Jr.
Joncie S. Brewer
James Russell Briley
Louise Brinton
G.J. Brittain, Jr.
David A. Broaden
Babette Schoenberg Brody
Harriet B. Brooks
Frances Ogletree Browder
Edna M. Brown

Dean's Office, School of Public Health
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Alumni Deaths

Victor Best Fuqua, MPH (HEED, 1960), December 17, 1980. Vic had served in a variety of positions during his career. He spent many years with the health division of the State Department of Human Resources in Frankfort, KY but was also a former teacher and farmer. He was responsible for sending many persons to UNC-CH for advanced training in public health. His widow, Pauline Arnold Fuqua, resides in Frankfort.

Wilma Dean Henry, MSPH (HEED, 1944), December 3, 1980. Wilma Dean began her health career as publicity director and assistant director of public education with the American Cancer Society, prior to becoming an education consultant with the U.S. Public Health Service in 1961. After joining the staff of Bureau of Health Education in the Center for Disease Control in Atlanta, she became the professional liaison with individuals, agencies and organizations at state and national levels as well as the editor of "Focal Points" a widely distributed publication of the Bureau. Health education classmates and friends are planning a memorial at the School of Public Health. Contributions for the memorial may be sent to the SPH Alumni Association.

Janie Marie Kuemmerer, (PHNU, 1960), October 28, 1980. Janie recently retired from the South Carolina Department of Health and Environmental Control where she served for 27 years. She was formerly a nurse at Stephens County Hospital in Toccoa, GA, infirmiry nurse at Winthrop College, and a public health nurse in Charleston. In the latter position she coordinated a seven-county tuberculosis case-finding project which was so successful that it was expanded statewide.

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