

# The Body Politic

Summer 1989

## Legislature Honors School

The House and Senate of the General Assembly of North Carolina approved a resolution on April 19, 1989 honoring the 50th anniversary of the School of Public Health and the former deans. Sponsors included Senators Wanda Hunt and Russell Walker, in addition to the Representatives who sponsored the bill listed in the resolution.

Dr. Michel A. Ibrahim, dean of the School, attended the legislative sessions where the resolution was considered. In addition Dr. Richard House, Ms. Linda Parker, Ms. Harriet Barr and members of the families of the former deans were present.

### GENERAL ASSEMBLY OF NORTH CAROLINA SESSION 1989 HOUSE JOINT RESOLUTION 1331\*

**SPONSORS:** Representatives Howard Barnhill, Mecklenburg County; Joe Hackney and Anne Barnes, Orange County; Bea Holt and J. Fred Bowman, Alamance County; John R. Church, Vance County; and Harry E. Payne, New Hanover County.

\*Referred to: Rules, April 14, 1989

A JOINT RESOLUTION HONORING THE MEMORIES OF MILTON J. ROSENAU, EDWARD G. MCGAVRAN, W. FRED MAYES, AND BERNARD G. GREENBERG, FORMER DEANS OF THE SCHOOL OF PUBLIC HEALTH AT THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL ON THE SCHOOL'S FIFTIETH ANNIVERSARY.

Whereas, The University of North Carolina at Chapel Hill's School of Public Health was first authorized to award academic degrees in 1939 and is now celebrating 50 years of service to the State, the nation and the world: and

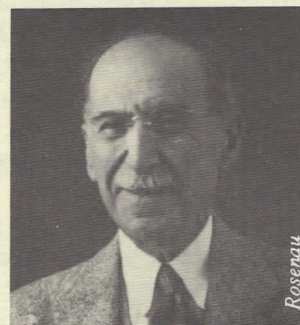
Whereas, Milton J. Rosenau, Edward G. McGavran, W. Fred Mayes, and Bernard G. Greenberg served as deans during the School's 50-year history and should be recognized for their service and contributions to the School; and

Whereas, the School of Public Health was the first State-supported School of Public Health in the United States, and is the only School of Public Health in North Carolina; and

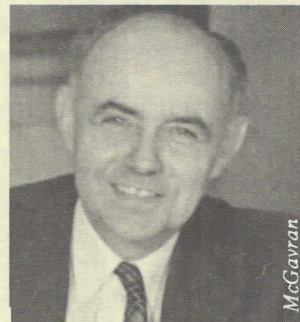
Whereas, today the School is one of the top ranking schools of the 24 accredited schools of public health in the nation; and

Whereas, the mission of the School is to advance and apply scientific knowledge to the understanding and promotion of the public's health; and

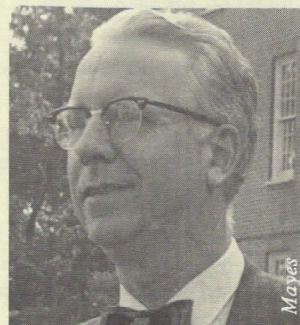
Whereas, the School grants degrees to more than 350 students each year to work as health professionals in the fields of biostatistics, environmental health, epidemiology, health behavior



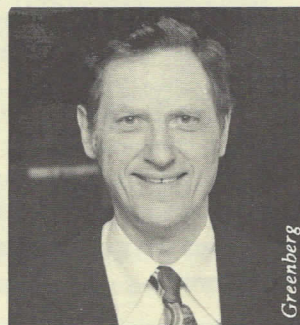
Rosenau



McGavran



Mayes



Greenberg



and health education, health policy and administration, maternal and child health, nursing, nutrition, and parasitology; and

Whereas, the School offers academic outreach programs to practicing health professionals seeking to further their careers through the east and west off-campus degree programs in North Carolina and through the regional degree program; and

Whereas, the School has granted degrees to more than 6,000 health professionals over the course of 50 years; and

Whereas, almost 2,000 of those health professionals work in the State of North Carolina; and

Whereas, the School is a professional school charged by the State to enhance and maintain skills of health practitioners to remain current in their professional practice; and

Whereas, the School offers more than 150 continuing education courses each year to an average of 5,000 health professionals from 90 North Carolina counties; and

Whereas, the faculty of the School provide technical expertise and assistance to state, national, and international organizations; and

Whereas, last year 139 faculty members of the School provided more than 8,500 hours of service to North Carolina through 451 projects in 39 counties; and

Whereas, the School conducts basic and applied research to enhance the professional and technical fields which make up public health; and

Whereas, such research specifically addresses high priority North Carolina problems, which include: studies of high blood pressure control and heart disease conducted in 13 counties in the State; and assessment of comprehensive stroke programs in 15 counties; a study of the relationship between drinking water quality and colon cancer, using information from 100 public water supply agencies in the State; and evaluation of infant mortality programs around the State and the establishment of a Performance Based Evaluation System for high risk infants; an analysis of mercury content in seven North Carolina streams; studies of population exposures to chemical contaminants in unprotected surface water and groundwater supplies; and studies of radon in North Carolina homes;

**Now, therefore, be it resolved** by the House of Representatives, the Senate concurring:

Section 1. The General Assembly of North Carolina wishes to honor the memories of Dean Milton J. Rosenau, Dean Edward G. McGavran, Dean W. Fred Mayes, and Dean Bernard G. Greenberg and wishes to express its appreciation for their contributions and dedication to the School of Public Health at The University of North Carolina at Chapel Hill.

Section 2. The General Assembly of North Carolina wishes to commemorate the School of Public Health at The University of North Carolina at Chapel Hill on its 50th anniversary for its outstanding contributions and 50 years of continuous service to the State of North Carolina, the nation and the world.

Section 3. The Secretary of State shall transmit a certified copy of this resolution to the current Dean of the School of Public Health at The University of North Carolina at Chapel Hill and to the families of Milton J. Rosenau, Edward G. McGavran, W. Fred Mayes, and Bernard G. Greenberg.

Section 4. This resolution is effective upon ratification.

## State Funds Cut Freezes Spending

A \$3.2 million cut in April of the quarterly cash allotment from the state of North Carolina forced the University administration to halt all new spending from state-appropriated funds. A portion of this amount was later restored.

In a letter to deans, directors, and chairs Vice Chancellors Dennis O'Connor, H. Garland Hershey and Wayne Jones said that no further encumbrances and/or expenditures against the 1988-89 budget may be made. "Drastic action was necessary because current encumbrances have exhausted all state non-personnel funding for this fiscal year." Exceptions for essential activities must be personally approved by a unit's dean and the appropriate vice chancellor.

The state budget office sends the University a cash allocation in quarterly allotments.

The School of Public Health was adversely affected by the cut as were all other units of UNC-CH. The spring/summer issue of the School's newsletter has been delayed by the cut. Our apologies for the late publication date.

## Contents

|                                   |    |
|-----------------------------------|----|
| Legislature Honors Former Deans   | 1  |
| State Funds Cut                   | 2  |
| Migrant Workers                   | 3  |
| Friday Center                     | 5  |
| Future of Public Health           | 6  |
| Commencement 1989                 | 9  |
| SPH Alumni Officers               | 10 |
| Alumni News                       | 11 |
| From the Desk of the Dean         | 14 |
| Campus News                       | 15 |
| New Goals for BIOS                | 17 |
| Grants                            | 18 |
| Women Eat Less                    | 19 |
| Study of Heart Attack Death Rates | 19 |
| Alumni Directory                  | 20 |
| Gorgas Medal                      | 21 |
| Dunston Elected                   | 21 |
| Safety Award                      | 22 |
| Dental Health Chief Named         | 22 |
| WIC Evaluation                    | 22 |
| Delta Omega                       | 23 |
| Alumni Deaths                     | 23 |



# Migrant Farmworker Women and Children

by Tracey J. Maxwell

Life for most migrant farmworkers in North Carolina means unending manual labor, relentless poverty, and alienation from mainstream society. To them, adequate health care often seems an unattainable luxury. Researchers from the UNC School of Public Health, though, are working to make health care, especially for women and children, more accessible and more effective.

## Reaching Out to North Carolina's Harvesters Through Education

North Carolina is located in the East Coast migrant stream, the geographical path migrant workers follow to obtain work after leaving their homebase state, usually Florida. Due to the state's long growing season and large agricultural area, North Carolina receives more migrants, 35,000 to 60,000 farmworkers each year, than any other upstream state. Most are black American, but there are significant populations of Hispanics and Haitians, and a smaller white population. Each group has its own distinct culture.

Western North Carolina farmers rely on the migrants to pick fruit; farmers in the north central region of the state need help planting and harvesting tobacco; farmers in eastern North Carolina rely on the workers to pick vegetables. The migrants may come as early as April and stay as late as November, although most work in the state during June and July.

While living and working conditions vary from farm to farm, many migrant camps are not pleasant places. Farmers usually provide shelter, but it can range from relatively comfortable structures to converted tobacco barns. Kitchen

facilities are often very basic and poorly maintained. Water is mainly cold and not always easily accessible. Toilet facilities and sewage disposal are often rudimentary.

Migrant women, in particular, face a special set of hardships. In addition to the physically grueling work they perform outside the home, they usually shoulder the major responsibility of trying to raise children under these very harsh conditions. These tasks, combined with language barriers, a lack of knowledge about available resources, and feelings of isolation and loneliness, make obtaining adequate health care for themselves and their children very difficult.

## Improving the Health of Migrant Mothers and Children

Dr. Elizabeth Watkins, professor of maternal and child health, and numerous colleagues have designed and implemented a long-term project aimed at improving the health of these migrant women and children. "Improvement of the health status of migrant mothers and children will contribute to a reduction in the nation's infant mortality rate and to childhood morbidity and mortality rates in general," she explains. "Provision of comprehensive health services which intervene in the physical, nutritional, social, and emotional status of these families may promote a quality of life which encourages a child to complete his education and so enable him as an adult to 'settle out' of the migrant stream."

The project is the result of years of research that began with a request for help in 1983 from Connie Gates, who was then director of Tri-County Community Health Center. Tri-County is a federally funded health center in Newton Grove, North Carolina, that provides health care for migrant farmworkers in Samson, Harnett, and Johnston counties.

To better serve the needs of the prenatal population, Watkins wanted to learn more about them and their pregnancy outcomes so she launched a pilot study that same year. The study was a chart review of 171 obstetrical patients and 48 infants born to women who delivered in North Carolina in 1982 and returned to Tri-County for well-child care.

In that year, the pilot study revealed, there was a high incidence of morbidity and mortality among newborn infants, visits by patients were fewer than recommended, and there were too few staff to do adequate outreach, follow-up, and coordination with other health resources in North Carolina and Florida.

In order to improve the situation, Watkins and Gates, together with faculty from other UNC departments, designed an extensive three-year project at Tri-County that would more clearly determine the key factors associated with the



*Kim Larsen (left), Elizabeth Watkins, and Chris Harlan discuss the migrant health project.*



migrant women's poor obstetrical and child care, alter these factors to improve care and ultimately implement change in the health care delivery system serving migrant women and children. The project was funded by the U.S. Department of Health and Human Services, Bureau of Maternal and Child Health.

It was a massive undertaking. First, Watkins sought out and hired bilingual, multi-disciplinary staff. Kim Larson, project coordinator, is a public health nurse who speaks Spanish and has worked in the Peace Corps. Chris Harlan, the project's public health nurse educator, was working on the Tri-County staff when she was recruited into the project. She too has worked in the Peace Corps and speaks Haitian (Creole) and Spanish. Other staff included a nutritionist from the UNC School of Public Health, Suzanna Young; social workers, Sue Gilbertson and Myrna Ramos-Nunez; statistical clerk, Sherry Wenrich; and numerous medical and faculty consultants.

In the beginning, the project staff had to communicate with and gain the trust of the Tri-County patients, mostly Hispanics with a smaller population of Haitians.

Another initial task was to gain the acceptance of the Tri-County staff, which usually numbers about 15 but swells to about 35 in the summer. "We all came in with master's degrees and big plans, and it caused some friction," Larson explains. "By joining the Tri-County staff in delivery of services we were more readily accepted."

The basic design of the project was to collect baseline data, implement interventions designed to improve patient health, then remeasure the baseline variables. The project staff measured sociodemographic characteristics of both the maternity and child patients, including factors in their physical environment, health behaviors, stressors in family relationships, the family's economic situation, and patterns of utilization of health care and social resources.

An important aspect of the project was to increase collaboration between state maternal and child health resources, so that migrant children can receive the same services as resident children who go to county health centers: free immunizations, referrals to child development centers,

consultations with regional public health nurse consultants, and services for children with special health needs.

One of the interventions introduced through the project was an educational program to increase breastfeeding. Through a series of multilingual classes, 101 women learned about breastfeeding's positive nutritional aspects. The nutritionist also collected

unique nutritional data that will allow her to determine the migrant mothers' and children's nutritional risk levels.

An active social services program was another effective project intervention. The social workers interviewed families about their social situation, looking at factors such as marital stress, day care needs, substance abuse, and spouse abuse. They then provided needed services or referred the patients to outside facilities, such as mental health centers and women's shelters.

"Overall, our data show improvement in health status and health behavior of the patients," Larson says. But, Watkins adds, because there are so many other variables influencing the life of migrants, it is difficult to know precisely the extent of the interventions' effectiveness. In order to complete the analysis of the data, the group applied for and has received funding for an additional year.

### Lay Health Advisor Program

Of all the interventions aimed at improving maternal and child health during the Tri-County project, the Lay Health Advisor Program appeared to be one of the most powerful. Among health professionals, it has also created the most interest. Consequently, the researchers have implemented a three-year demonstration project to document the effectiveness of lay health advisors.

Begun in October 1987 and scheduled to run through September 1990, the program involves educating migrant women to become health advisors to their peers. "We try to recruit women who have empathy and the ability to teach and share what they've learned," explains Harlan, who trains the advisors.

Training consists of a series of health education classes that deal with child health, women's health, nutrition, and community resources. As the women travel within the migrant stream and talk with other women about what they have learned, they can provide a continuity of health care that individual health facilities cannot.

Because the women are members of the migrant community, they do not present barriers commonly found between medical personnel and the migrant population: different language, social class, education level, and life situation. By emphasizing a community perspective, the program also directly involves the women and their families. "We're giving these women a chance to take control of at least a part of their lives," Harlan says.

In the words of Sharon Brown, a migrant woman who trained at Tri-County as a lay health advisor in 1986: "Being a lay health advisor means knowing about things that go on inside, around, and about you and your loved ones. It taught me things I didn't know and more about things I thought I knew."

The researchers hope to demonstrate that lay health advisors can help others to practice better maternal health care, improving both perinatal outcome and infant health status. To test this hypothesis experimentally, they will



*Migrant woman at work.*



compare these factors at five different sites in North Carolina: two sites, Tri-County and the Nash County Health Department, will utilize lay health advisors, and three sites in Duplin and Henderson counties will not utilize lay health advisors. The estimated sample population will be 400 women, 400 newborns, and 250 infants.

Such a comprehensive study requires extensive organization. Twenty bilingual trainers had to be recruited from among health center staff, other health care professionals in the area, and graduate students at the UNC School of Public Health. This year's program consists of twelve classes for three different ethnic groups.

"The Lay Health Advisor Program staff has had to be very creative in developing materials for education and

assessment," Watkins notes. "This is a fairly new area of research, and there hasn't been very much to draw on. Most of the data collection tools had to be specially developed."

Although the Lay Health Advisor Program, like the three-year project that preceded it, requires major investments of the researchers' time and energy, the staff remains highly motivated and determined. Seeing the changes they are making in some women's lives helps keep them going.

Adapted from an article in *Endeavors*, Volume VI, Number 1, Fall 1988, Research and Graduate Education at the University of North Carolina at Chapel Hill.

## University Breaks Ground for Friday Center

The University broke ground in November for the \$13.9 million continuing education center named in honor of William and Ida Friday.

Speakers included Chancellor Paul Hardin and chairman of the UNC Board of Trustees, Robert C. Eubanks.

"Nobody has done more for this University and higher education in North Carolina than Bill and Ida Friday," Hardin said. "The University is proud that this much needed new facility, which will be the focal point of our future continuing education program, bears both their names. Bill and Ida have been wise patrons of this campus, and we will be forever in their debt."

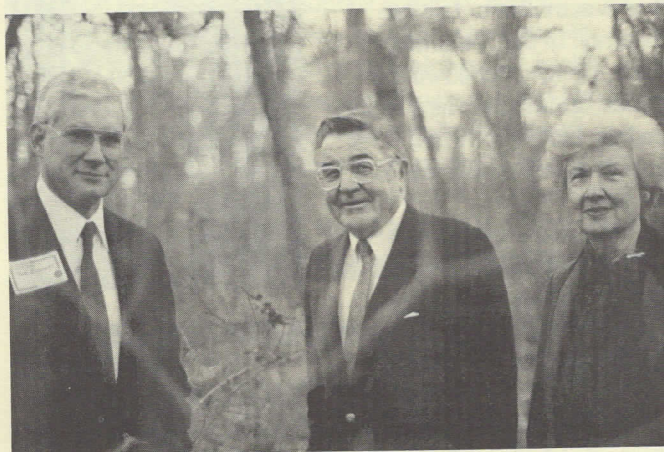
Construction of the William and Ida Friday Center is expected to be completed by early 1991. The 96,000-square-foot facility was funded by the General Assembly in 1986.

The center will provide meeting rooms, related support areas and offices to meet the campuswide need for space to conduct continuing education programs and other educational conferences. The two-story building will feature a 400-seat auditorium, a 400-seat dining room, two 200-seat meeting rooms, and state-of-the-art technology that will include teleconferencing capability.

William C. Friday served as president of the UNC system for 30 years. Since 1986 he has been president of the William R. Kenan Jr. Fund, University professor in the Division of Academic Affairs, and executive director of the William R. Kenan Jr. Charitable Trust, based in Chapel Hill. He recently chaired the Governor's Commission on Literacy, the NC Poverty Project and the board of directors of both the National Humanities Center and the Rural Economic Development Center. He received the law degree from the University of North Carolina at Chapel Hill.

Mrs. Friday has promoted the arts through her work with the American Dance Festival, the NC Symphony Society, the

NC Central University Museum of Art and the Governor's Cultural Advisory Committee. She is chair of the housing committee of the Orange County Women's Center and has been coordinating efforts to find that facility a permanent location. She was named the Chapel Hill-Carrboro Chamber of Commerce Citizen of the Year in 1974 and Chapel Hill's Outstanding Woman of the Year in 1976. In 1984 she received the NC Distinguished Service Award for Women from Chi Omega fraternity. She is a member of the Board of Advisors of the UNC School of Public Health. A 1947 graduate with an M.P.H. in health education from the School of Public Health, she was instructor in the School's Department of Health Education from 1949 to 1951.



Ida and Bill Friday at the Groundbreaking Ceremony for the Continuing Education Center which will bear their names. UNC-CH Board of Trustees Chair, Robert C. Eubanks (left).



# The Future of Public Health:

## 17th Annual Alumni Conference

The Institute of Medicine's Report on the Future of Public Health has stimulated a tremendous amount of interest, discussion and controversy. With the high level of interest among public health professionals and the potential for stimulating increased support for public health programs if some of the recommendations of the report are implemented, the School's Alumni Association Conference Planning Committee chose the IOM report as the theme of the 17th Public Health Conference for alumni and other public health professionals. The March conference initiated a series of meetings on the topic held across North Carolina.

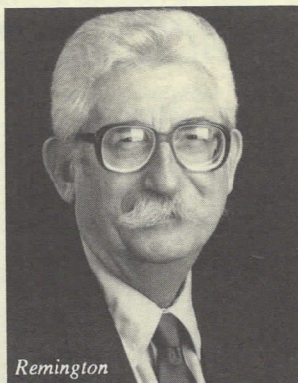
Dr. Richard Remington, former dean of the University of Michigan School of Public Health and chair of the Institute of Medicine's Committee for the Study of the Future of Public Health, presented the Fred T. Foard Memorial Lecture. A second general session on Friday featured an address by Toby Citran on the legal, policy and political issues surrounding the implementation of the IOM recommendations. Citran is executive director of the Resource Center for Public Health Policy and adjunct professor, University of Michigan School of Public Health.

### Fred T. Foard Memorial Lecture: The Future of Public Health

"This nation has lost sight of its public health goal and has allowed the system of public health activities to fall into disarray. In the committees view, we have let down our public health guard as a nation, and the health of the public is unnecessarily threatened as a result."

These words may be strong, Remington said, but the Institute of Medicine's Committee for the Study of the Future of Public Health thinks they are accurate.

To build a future for public health, changes must be made that include establishing a shared understanding of the mission and scope of public health. The committee proposed a new definition: public health consists of all those things we as a society do collectively to assure conditions in which people can be healthy. A new model for public health is needed at all levels of government with the core functions of public health agencies at the local, state and federal level to be assessment, policy development and assurance.



Remington

Remington said that in addition to the core functions the committee further delineated the roles of the public health agencies at each level.

"States are, and must be, the central force in public health and bear the primary public sector responsibility for health. The states have the responsibility to develop a basic set of essential health services and guarantee the provision of these services to all citizens and to support local service capacity through subsidies, technical assistance, or direct action by the state to achieve adequate service levels."

The Federal government is responsible to support and conduct research to enhance the knowledge base of public health, to collect and analyze national data, to establish national health objectives and priorities, and to provide technical assistance to the states and localities. One of the most important functions of the Federal government is the "provision of funds to states to strengthen state capacity for services, especially to achieve an adequate minimum capacity and national objectives."

Local agencies are given the challenge to provide services such that, "no citizen from any community, no matter how small or remote, will be without identifiable and realistic access to the benefits of public health protection. This goal is possible only through a local component of the public health delivery system. Constituency building is crucial," he continued.

The construction of a future for public health must begin with the states, therefore, the committee's suggestions for implementing its recommendations are most specific at the state level. Each state must systematically review the statutory base for public health, replacing obsolete legislation with modern and creating new statutes to provide an appropriate framework for statewide health activities, including the delineation of the responsibilities of those involved. Organizationally, states should establish a clear focal point for all state public health responsibility, along with a department of health that groups all primarily health-related functions under professional direction, separate from income maintenance, and a health council with the broad functions delineated in the report. "The focus of the IOM report is on action and change," Remington said.

What are the prospects for change and the factors which may operate to make such change difficult? Remington cited obstacles on the path to the future of public health. There is a lack of consensus of definitions, roles and functions of health agencies to the point where variation is a barrier to the construction of an effective national health structure. In addition, the funding base of the states needs improvement to allow for adequate budgetary allocations to implement modern programs. The negative attitude of the public



towards government, which makes improvement of all public services more difficult, is another important obstacle. There are also a variety of fragmentation concerns; for example, the environmental health responsibilities are spread across many states not allowing for cohesive service plans.

"Good leadership is needed universally," he said, "and the leader must be able to work effectively within a political structure."

An enhanced future for public health also depends on the quality of the preparation of tomorrow's public health professionals, building a better working relationship between the schools of public health and the official health agencies, and preparing professionals through continuing education to meet challenges and situations for the future.

"The positive responses to the report have happened quickly, and day by day others will come. But the issue is not whether the report and its recommendations are adopted in toto. The issue is rather whether we can move to reassemble a coherent, convincing, unified presence of public health in this nation," Remington concluded.

### **Strengthening Public Health: Policy, Political and Legal Issues of Implementation**

Citran addressed three inter-related concepts — policy, politics and law — which translate into power. "Public health power depends upon knowledge and upon sharing our underlying ethic with the rest of society. Achieving our ends, depends upon our ability to bring about the fusion of knowledge and values which causes people to act," he said.



The IOM report defines "policy development" as "the means by which problem identification, technical knowledge of possible solutions, and societal values join to set a course of action."

"In analyzing this process, the IOM report found some weaknesses, and we will look at how to overcome them," Citran continued.

First, deciding whether a problem is a public health problem or not causes some trouble. The report points out that what public health schools define as public health problems and what the public defines as public health problems, are two very different concepts. A clear definition of what is and what is not a public health problem is needed because public health has a methodology of proven effectiveness for assessing health problems and formulating responses to them. If a problem is misdefined, the problem is not effectively addressed. It is extremely important to prioritize problems so that, based on an assessment,

decisions concerning appropriate allocation of resources can be made. The public health definition of a problem is broad and assures that the assessment and surveillance function will alert us to all significant future threats to health.

"Transforming the defined public health problem into policy requires the coupling of technical knowledge of interventions likely to work with knowledge to determine whether a policy is likely to get adopted, funded, and implemented," Citran said.

The IOM reports that there are serious gaps in the categories of knowledge which will provide the skill to transform problem needs into policy. First, research needs to focus on interventions likely to produce positive behavioral change, the reshaping of the social environment and less emphasis on individual behavior change attempts. Second, public health professionals in general lack the skills in politics and policy development which will enable them to integrate these with other bodies of knowledge.

Once a policy has been formulated, it is the political process that determines its fate. The IOM has much to say about politics.

"We have grasped the epidemiological implications of behavior-linked health problems, but not their political implications," Citran said, and pointed out that the environmental movement has been politically successful because it has convinced the citizenry of the need to regulate "them" in order to avoid a risk to "us." The IOM report suggests that policies focus on the social environment which influences behavior, and thus gain the support of the same public which resists our more direct attempts to reshape their behavior.

"American politics are issue oriented," he said, "We can use this as a powerful tool for achieving public health objectives rather than weep over it as an unfair political competition. In general, public health fails to identify with powerful health-related coalitions active on issues."

Finally, in relation to law, the IOM points out the disarray in the statutory base upon which public health authority rests. Two objectives need to be accomplished by each state. It is imperative that the responsibility and authority of state and local health departments be clarified and that our laws relating to the control of communicable diseases be reformed. "The fight against AIDS is creating new pressure to reform our obsolete communicable disease statutes," he said.

Citran concluded by saying, "The power mentioned in the beginning of this address is the power for public health through the fusion of knowledge and values to address the issues of concern." With the proper political skills and leadership capability, we can use these two sources of immense power — our knowledge base and our ethic — to enhance the future of public health.



---

## **Regional Meetings Provide Opportunity for Dialogue on Future of Public Health**

Sponsored by the School of Public Health and the Division of Health Services, meetings held in four AHEC regions in North Carolina brought together a coalition of health and human service agencies and organizations to present a statewide forum to discuss the implications of the IOM Report for the state. Leaders from health and human service agencies and governmental officials and policy makers had the opportunity to begin a dialog to strengthen public health. Drs. Hugh Tilson and William Elsea, members of the IOM panel, presented an overview of the report to the forum participants. A written report of the recommendations made at each forum will be sent to policy makers and public health providers.

## **Awards Honor Alumni, Students, and Faculty**

### **Distinguished Service Award**

**Dan G. Blazer, M.D., M.P.H., Ph.D.**

The Distinguished Service Award is presented by the School of Public Health Alumni Association and recognizes the contributions of alumni in public health, community service and politics. Blazer, who is professor of psychiatry and director of the Affective Disorders Program, Duke University, was honored for his leadership in psychiatric epidemiology and his contribution to a better understanding of geriatrics and mental disorders. He received the M.P.H. degree in 1979 and the Ph.D. degree in 1980 from the Department of Epidemiology.

### **Bernard G. Greenberg Alumni Endowment Award Herman A. Tyroler, M.D.**

The Greenberg Alumni Endowment Award is presented to a member of the faculty of the School of Public Health for demonstrated excellence in teaching, service, and research. Tyroler, Alumni Distinguished Professor of epidemiology, joined the faculty of the School in 1960. He is a state, national, and international leader in cardiovascular disease epidemiology who is "recognized by his peers as a giant in the field and by his students as a gifted and devoted teacher." The award honors the late Dean Greenberg and consists of a plaque and \$3,000 per year for three years.

### **Sidney S. Chipman Award**

**Richard R. Nugent, M.D., M.P.H.**

The Chipman Award recognizes an alumnus of the Department of Maternal and Child Health who has made significant contributions to maternal and child health. Nugent heads the North Carolina Regionalized Perinatal Care Program. He provides liaison between the public health sector and the private medical providers across the state and field training supervision to many students. The award honors a former chair of the MHCH Department.

### **Blee - Hay Scholarships**

**Macarena Florenzano, Mary Lee Mebane,  
Robyn Hill Turton**

Named for the founders of the Department of Public Health Nursing, the award recognizes students who have shown the most potential for leadership and commitment to community health nursing. Florenzano is a student from Santiago, Chile, enrolled in the campus graduate program, while Mebane of Charlotte and Turton of Huntersville, NC, are students in the off campus degree program.

### **HPAA Leadership Award**

**Russell B. Toal, M.P.H.**

Toal, who is deputy commissioner, Georgia Department of Medical Assistance, Atlanta, was recognized for innovative development of administrative theory, success in the art of administration, and commitment and contribution to public health in its broadest sense.

### **Eunice N. Tyler Health Education Practice Award Frances E. Williamson, M.P.H.**

The Tyler Award is presented for excellence in the practice of health education for ten or more years in the profession. Williamson, a 1950 graduate of the Department of Health Behavior and Health Education, is assistant for planning to the director, Ohio Department of Health, Columbus. Her distinguished career, begun at the local level, includes international and state level work. In each position she excelled. She has received many awards for her expertise in community organization which has enabled individuals and groups to work together toward common goals.

### **President's Award**

**Mildred Kaufman, M.S.P.H. and Harriet H. Barr, M.P.H.**

Presented at the discretion of the President of the SPHAA, this award has been given only once since it was established in the 1970s. Dr. Marjorie Lord, one of the first female graduates of the School of Public Health, received the initial award.

Kaufman, professor and chair of the Department of Nutrition, was recognized for her contribution to the education of public health nutritionists and leadership and service to public health nutrition.

Barr, assistant dean for public relations and alumni affairs and clinical associate professor, HBHE, was cited for her efforts to reorganize the School's Alumni Association and service to the Association and the School.

### **25 Year Faculty Service Recognition**

**M. Caroline Becker, M.D.**

**Elizabeth J. Coulter, M.A., Ph.D.**

**Edward J. Kuenzler, M.S., Ph.D.**

**Donald T. Lauria, M.S.S.E., Ph.D.**

**J. Richard Udry, M.A., Ph.D.**





# Commencement 1989

## University Ceremony

Commencement May 14, 1989 dawned cloudy and a bit cooler than usual for a day in May in Chapel Hill. Graduates and their families gathered for the University ceremony at Kenan Stadium.

It is always a beautiful and festive occasion, a first Carolina commencement for Chancellor Paul Hardin and a first degree from Carolina for most of the graduates. The commencement speaker was Roger Mudd, a UNC graduate and famous broadcast journalist.

Minnie Miller Brown, a pioneer in the fight against rural poverty and malnutrition, received one of the honorary degrees conferred by the University of North Carolina at Chapel Hill. Her career has included 35 years of service with the N.C. Agricultural Extension Services as a county, district and state agent. Ms. Brown is a member of the UNC School of Public Health Board of Advisors.

## School of Public Health Ceremony

The School of Public Health ceremony, held for the first time in Carmichael Auditorium, honored 141 graduates and was attended by almost 700 guests. The program included a welcome and presentation of diplomas by Dean Michel A. Ibrahim assisted by Associate Dean Donald Fox. Sally Malek, president of the School of Public Health Alumni Association, offered congratulations to the new graduates.

The Honorable Willis P. Whichard, associate justice of the North Carolina Supreme Court, was the keynote speaker for the Public Health Commencement Ceremony. Whichard has served in the N.C. House of Representatives and Senate and was a member of the Senate Human Resources Committee. He is a member of the Board of Advisors of the School of Public Health.

In his commencement address entitled, *Thin Threads*, Judge Whichard emphasized to the graduates, faculty and guests how human life and human civilization hang by thin threads. He discussed prenatal care, infant mortality, "angel dust," AIDS, lack of health insurance, life expectancy for minorities in comparison with majorities, cost of health care, lack of medical facilities in rural areas, dangers in the workplace, depletion of the ozone layer, quality of drinking water, teenage suicide and child abuse, crime, the homeless, low wages, and nuclear weapons.

"Since the School of Public Health awarded the first graduate degrees, this institution has functioned at the

confluence of these thin threads. Indeed, the two strands come together in its name, for the word 'health' symbolizes the thread by which human life hangs, and the word 'public' symbolizes the thread by which human civilization hangs."

"As graduates, you now share the School's mission of preserving these thin threads." Judge Whichard said, "It is now your time to join the effort to actualize the vision of Dr. Frank Graham, who dreamed of a world in which 'democracy is without vulgarity, differences are without hate, and excellence is without arrogance...where the integrity of simple people is beyond price and the daily toil of millions is above pomp and power; where the answer to error is not terror; the respect for the past is not reaction; and the hope for the future is not revolution; where the majority is without tyranny, the minority without fear, and all people have hope.'"

He repeated a story told by Senator Sam Ervin of an elderly couple who, after years of dreaming and saving, finally purchased a grandfather clock. The night they brought it home the husband was too excited to sleep. Instead, he listened to the clock as it chimed eleven, then twelve. He decided to listen yet another hour, and when 1:00 a.m. came, the clock chimed thirteen times. Wondering if this was just an aberration, he waited yet another hour. At 2:00 a.m. the clock chimed fourteen times. The husband hurried upstairs, awakened his wife and said: "Quick. You must come downstairs right now. It's later than I've ever known it to be."

Judge Whichard closed by telling the graduates, "In our endeavors to preserve those thin threads by which human life and human civilization hang it may be later than we've ever known it to be. There is so much still to be done. Therein lies both the burden and the glory for this class of graduates from this institution. There is indeed so much still to be done in the enduring struggle to preserve those thin threads by which human life and human civilization hang, and an expectant world is growing impatient, indeed, rather desperate as it eagerly waits for your contributions."

## McGavran and Greenberg Awards

The awards presented by Dean Ibrahim honored a member of the School faculty, Victor Schoenbach, and a recent doctoral graduate, Janice H. Schopler.

Dr. Schoenbach received the Edward G. McGavran Award for Excellence in Teaching. Schoenbach, associate professor of epidemiology at the School of Public Health, was cited for major innovations in curriculum which are examples of excellent teaching, his skill in shaping basic

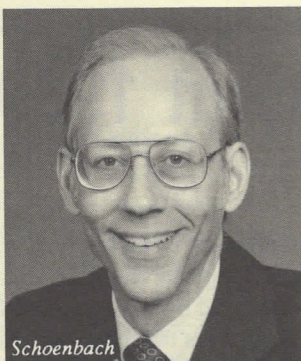


epidemiologic thinking quickly and effectively in the classroom, and his excellent mentoring of theses and dissertations.

The McGavran Award was established in 1975 to honor Edward G. McGavran, dean of the School from 1947 to 1963.

Dr. Schopler, an associate professor in the UNC School of Social Work, received the Bernard G. Greenberg Award for Excellence in Doctoral Research. Her dissertation discusses the characteristics and operation of community oncology programs and skillfully integrates and tests the underlying theory of organization ecology regarding these programs. The dissertation topic represents a classic public health problem with profound social and medical implications. It is well grounded in theory yet addresses a critical policy issue involving the delivery of health services within the United States. Schopler received the Ph.D. degree in health policy and administration in 1988.

The award honors Dr. Bernard G. Greenberg, dean of the School from 1972 to 1982.



Schoenbach



Schopler

## School of Public Health Alumni Association 1989-1990 Officers and Directors

### President

Ms. Sally Malek  
Division of Health Services  
Adult Health, Box 2095  
Raleigh, NC 27602

### Vice President

Ms. Angie Hemingway  
P.O. Box 3623  
Chapel Hill, NC 27515

### President-Elect

Ms. Priscilla Guild  
Health Services Research Center  
Chase Hall CB# 7490  
Chapel Hill, NC 27599-7490

### Secretary

Ms. Elizabeth Andrews  
3213 Anderson Drive  
Raleigh, NC 27609

### Treasurer

Dr. John Paul  
211 Flemington Road  
Chapel Hill, NC 27514

### Directors 1989

Ms. Carrie Winter  
5801 Masters Court  
Charlotte, NC 28226

Ms. Merideth McRae  
240-A New Dr., Apt. C  
Winston-Salem, NC  
27103

Ms. Kathleen Parker  
1437 Hampton Glen Ct.  
Decatur, GA 30033

Mr. Clarence Pearson  
530 East 23rd Street  
New York, NY 10010

### Directors 1990

Mr. Douglas Carver  
167 Vallejo Circle  
Columbia, SC 29206

Dr. Anne Clemmer  
2910 Ridge Road  
Raleigh, NC 27612

Dr. Joan Huntley  
492 Sentinel Drive  
Bethesda, MD 20016

Mr. Dan Reimer  
Orange Co. Health Dept.  
300 W. Tryon Street  
Hillsborough, NC  
27278

### Directors 1991

Ms. Cherry Beasley  
109 Short Drive  
Lumberton, NC 28358

Mr. Lonnie House  
P.O. Box 304  
Simpson, NC 27879

Dr. Bobbie Lubker  
#1 Tadley Drive  
Chapel Hill, NC 27514

Dr. David Schnare  
8311 Crestridge Road  
Fairfax Sta., VA 22039

### Past President

Ms. Patricia O'Leary  
103 F Bolinwood Rd. Condos  
Chapel Hill, NC 27516

### Dean

Dr. Michel A. Ibrahim  
UNC School of Public Health  
CB# 7400 Rosenau Hall  
Chapel Hill, NC 27599-7400

### Nominating Committee

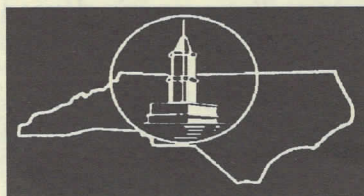
Mr. Delton Atkinson, Chair  
3112 Henslowe Drive  
Raleigh, NC 27603

### Executive Secretary and Assistant Dean

Ms. Harriet H. Barr  
UNC School of Public Health  
CB# 7400 Rosenau Hall  
Chapel Hill, NC 27599-7400

### Student Representative: To be designated





## From Far and Near

### Alumni News

**1941** — Millard Bethel, HPAA, has recently moved from Chapel Hill to Davidson, NC.

**1944** — Ruth Sumner, HBHE, has moved to Collington Episcopal Life Care, a new center in Mitchellville, MD.

**1948** — Carl B. Young, HBHE, has been inducted into the Texas EMS Hall of Fame. Carl became involved in EMS in 1941 as a member of the Harris County Emergency Corps in Houston and an American Red Cross First Aid and Water Safety instructor. He was public health educator/health program specialist, Corpus Christi/Nueces County Health Department from 1962 until his retirement in 1987. Throughout his career, Carl has been interested in the prevention of needless deaths. He has published three textbooks on emergency care and served on an advisory council to the President's Committee for Traffic Safety. Carl defines the successful EMS individual as "one who is a good leader and can calmly take command" and who will "pass along the knowledge, skills and enthusiasm to others."

**1950** — Paul B. Schuster, HBHE, assistant professor, Health Science Department, Mankato State University, Mankato, MN is the faculty association representative for negotiating the 1989-91 salary contract.....Mary Katherine Heffern, PHNU, writes that her son received the M.B.A. degree from UNC in 1988. Mary Katherine received a special award from the American College Health Association for her work with ANA writing *Standards of College Health Nursing Practice*. She also received the Gold Award at the ANA biennial convention for her essay on why she was "Proud to Care" about nursing.

**1951** — Sumner Kaufman, ENVR, is now living in Marstons Mills, MA.

**1953** — Michael H. Ivey, PALP, Ph.D. 1956, was visiting professor in the SPH Department of Parasitology until July 1989. Mac was on sabbatical leave from the University of Oklahoma. During his time at UNC he worked on software programs that could be used in diagnostic parasitology and develop computer assisted instruction programs of value for teaching medical students .....Barbara L. Blackwell, HBHE, and Lillian K. Cartwright are coauthors of *Program Consultation with Human Service Organizations: A Clinical Perspective*, published by Third Party Publishing Co., Oakland, CA. The authors identify and interpret behavioral science concepts that can improve program planning, development and evaluation. Special attention is paid to program goals. Three cases are used to demonstrate the application of planning, development, and evaluation principles to ongoing programs. Barbara is in the Dean's Office, School of Medicine, University of California at San Francisco and lecturer in health psychology, Department of Psychiatry.

**1954** — Charles Cameron, HPAA, retired as dean of the College of Public Health, University of Oklahoma, July 1, 1989. He and his wife, Lee, are planning a photographic safari to Kenya in August.

**1956** — Arline M. Duvall, PHNU, has completed the project in Egypt on the development of baccalaureate and master's degree programs in nursing at the University of Assuit. She has recently joined a Project Hope program that is developing the community health nursing program at the Swaziland Institute of Health Sciences in Mbabane, Swaziland. She writes that state registered nurses and certified midwives are being enrolled. She is impressed with the interest, sincerity and "folk wisdom" of her students.

**1958** — Bill Byrd, HBHE, writes that he has been retired from East Carolina University on disability since 1985. Don Dancy, HBHE 1954, also retired from ECU, joined Bill recently to fish.

**1962** — George Dudney, HPAA, received the Outstanding Achievement Award, Association of State and Territorial Dental Directors at the annual meeting in February, 1989. George is enjoying retirement. He and his new puppy are getting settled in his new house in TN.

**1966** — Elizabeth N. Jack, PHNU, retired public health nurse from Spartanburg, SC, has recently moved to Ormond Beach, FL.

**1967** — Daniel Y. C. Fung, ENVR, is co-editor with Larry E. Erickson, Director of the Office of Hazardous Waste Research, Kansas State Univ. in Manhattan, of *Handbook on Anaerobic Fermentations*, published by Marcel Dekker, Inc., New York. In addition, Dan was author of the Guest Commentary, Journal of Environmental Health, Volume 51, No. 2, entitled "Anatomy of a Successful Workshop." Dan directed the annual workshop on Rapid Methods and Automation in Microbiology held at Kansas State, July 7 through July 14, 1989.

**1968** — Joseph T. Donnelly, ENVR, writes that after many years in the wilds of Tasmania, he and his wife, Elizabeth, have moved to Sydney where they will remain for about a year. Joseph is a consultant health physicist and Elizabeth immersed in full-time study.....Abraham S. David, HPAA, of Kathmandu, Nepal, is president and CEO, Indian Soybean Industries Ltd and chair, Interface Put. Ltd.....Patricia Cook Slutzker, PHNU, is now living in Hattiesburg, MS.

**1970** — Jim Marsh, ENVR post doc, retired Sept. 30, 1988 from the University of Guam where he served in a variety of positions — teaching oceanography and marine biology, directing their Marine Laboratory, and serving as dean of graduate studies and research. He plans to remain in Guam for at least a year.....Muriel Thompson, PALP, retired in February 1989 after serving for 18 years as chief of the public health laboratory, San Diego, CA.

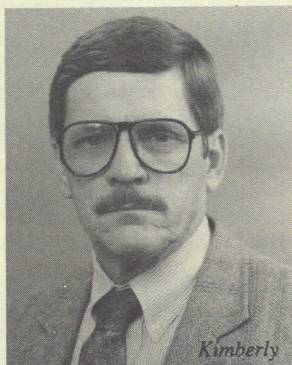
**1971** — Raymond H. Cypess, PALP, has been appointed dean, College of Graduate Health Sciences, Univ. of TN at Memphis.

**1972** — James K. Ezwald, ENVR, professor of civil engineering, Univ. of Massachusetts at Amherst, has been awarded the

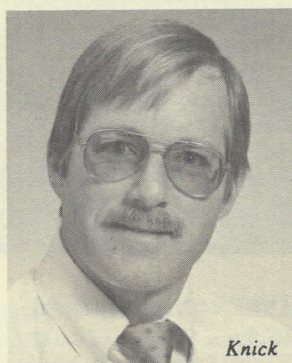


American Society of Civil Engineers' 1988 Samuel Arnold Greeley Award for his contributions to the field of environmental engineering.....**Barbara Ann Hughes**, HPAA, is the recipient of the Special Meritorious Award for outstanding service to the Southern Health Association and to public health. The award was presented during the annual SHA meeting held jointly with the KPHA in Louisville, KY. Barbara is past president of SHA.....**Constance F. Mullinix**, PHNU, has moved from Philadelphia, PA to Chapel Hill, NC.

**1974** — **Mike Kimberly**, PALP, director of laboratory services, Department of Health and Environment, Nashville, TN, has recently returned from a trip to Cairo, Egypt, where he worked with WHO in an 18-day inter-country training course. Mike provided instruction on management and operation of health laboratories.....**Nancy Binner**, PHNU, is now living in Dorchester, MA.....**Vincent Knick**, PALP, has been promoted to research scientist IV in the Division of Cell Biology, Tumor Biology Section, Burroughs Wellcome Co., Research Triangle Park, NC. Burroughs Wellcome researches, develops and manufactures pharmaceutical products. Vincent joined the company in 1970.



Kimberly



Knick

**1975** — **Julian E. Keil**, EPID, professor of epidemiology, Medical University of South Carolina and co-director of the Charleston Heart Study, has been elected to Fellowship in the American College of Cardiology. The 17,100 member nonprofit medical society and teaching institution is dedicated to fostering optimal cardiovascular care and disease prevention through professional education, promotion of research, and leadership in the development of standards and formulation of health care policy.....**Elmer McPherson**, BIOS, has moved from CT to Brentwood, TN.....**Werner Martin**, ENVR, founded a corporation, Tecan ENVIA, under NC law in June 1988. Tecan markets air pollution and industrial analyzers and monitoring systems for research, utilities, other industry and government. Werner is president. Tecan's analyzers are designed and manufactured in Switzerland and are fully automatic, extremely accurate and stable because the newest electronics are applied. After five years building up the laboratory robotics business, Werner returns to his specialty field, air pollution engineering.....**Stewart Auyash**, HPAA, administrator of health services at Ithaca College is on sabbatical leave until late August..... **Sara A. Williamson**, PHNU, is executive director, North Central District, Pennsylvania Department of Health, Williamsport, PA.

**1976** — **Randall K. Thomas**, HPAA, has moved to Southern Pines, NC from Tulsa, OK.....**Maurice E. Knuckles**, ENVR, received the Ph.D. degree Magna Cum Laude in environmental toxicology on June 4 from the University of Alabama at Birmingham. Maurice and his wife, Bettye, BIOS 1983, live in Nashville, TN where they are on the faculty of Meharry Univ.....**Mario G. Fiorilli**, PALP, is living in Roanoke Rapids, NC, where he is with the Halifax Diagnostic Center, Inc.....**Gene A. Brayboy**, HPAA, is a Cdr. in the Armed Forces and living in Columbia, MD.

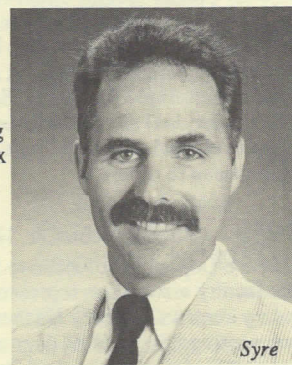
**1977** — **Betty F. King**, HBHE & HPAA 1980, is executive director, American Society of Internal Medicine Socio-economic

Research and Education Foundation, Washington, DC.....**Michael L. Boner**, HPAA, has moved to Chicago, IL.

**1978** — **Steven R. Moore**, HPAA, has been awarded the Surgeon General's Exemplary Service Medal.....**Joan Drake**, MHCH, writes that she does a great deal of traveling for the Women's International League for Peace and Freedom. She represented the League at the United Nations in Geneva in October at the Global Consultation on Racism and Racial Discrimination and spoke in Richmond, VA, on Human Rights Day and in Baltimore, MD, on Martin Luther King Day.....**Ronald H. Hill**, ENVR, has joined the staff of the Guilford County (NC) Health Department in Greensboro.....**Constance E. Gates**, HPAA, recently moved from Dade City, FL where she was working with Farmworker Self-help to Carrboro, NC.....**Richard J. Wayweiler**, EPID, moved recently from OH to Berkeley Lake, GA.

**1979** — **Kay S. Irons**, PHNU, is living in Anchorage, AK.....

**Martha Weiss Figueroa**, NUTR, has been transferred to Guayaquil, Ecuador from LaPaz, Bolivia. Martha is a nutritionist with Foster Parents Plan.....**Emily Untermeyer**, HBHE, continues to work with the Texas Legislature but is also the director of the Legislative Task Force on AIDS. The Task Force is charged to develop recommendations for public policies needed to dramatically reduce the current and projected long-term impact of AIDS in TX.....**Thomas R. Syre**, HBHE, his wife and two children, are now living in Bowling Green, KY. Following six years in health care administration and part-time post in doctoral continuing education in business, Tom is teaching in the health care administration program at Western KY Univ. He is also writing a health care administration text for Prentice Hall Publishing Co.....**Brabsie**



Syre

**Morgan Randall**, HBHE, writes that they have bought a new house in Winston Salem, NC. She and Mark have two sons and a new daughter, Marycobb Brabham Randall, born April 29, 1989.

**1980** — **Frances Adams**, ENVR, has joined Reynolds Electrical and Engineering Company, Las Vegas, NV. She will interpret and implement environmental compliance programs for USDOE at the Nevada Testing Site.....**Steven Shoaf**, ENVR, is public utilities administrator of field operations, Burlington, NC.....**Rhonda Rush**, HBHE, is health promotion coordinator, Austin Regional Clinic, P.A. in Austin, TX.

**1981** — **Robert V. House**, PALP, Ph.D. 1987, is a postdoctoral fellow at the Chemical Industry Institute of Toxicology, RTI, NC .....**Jean Forster**, HBHE, is completing the final year of a Kellogg National Fellowship which focuses on developing national leaders. Jean's project focuses on change potential in agricultural and nutrition policy. She is assistant professor, Division of Epidemiology, Minnesota School of Public Health.....**Lynn Ross Wilkins**, BIOS (M.S.P.H. 1983), has moved to Honolulu, HI.

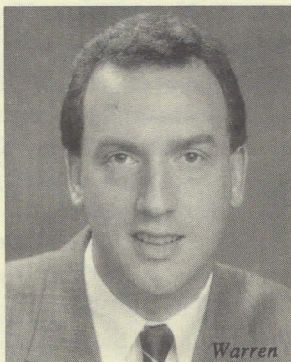
**1982** — **Annie Louise Hayes**, PHNU, of Whiteville has been elected to the NC Board of Nursing.....**Lynn Iler - Good**, HBHE M.P.H. 1986, and her husband, Jeff, are the proud parents of a daughter, Gail Rachel, born Oct. 27, 1988 in Kaneohe, HI.....**Rex J. Prosser**, ENVR, has moved from Governor's Island, NY to Houston, TX.....**Marianne Gemming**, HBHE, student assistance program coordinator, Chapel Hill/Carrboro School System, accepted the Outstanding Student Assistance Program (SAP) Award from the National Organization of SAP and Professionals



during the group's convention in Chicago.....**Nancy Lamson**, HBHE, consultant for WHO's Global Programme on AIDS, has traveled to Lesotho, Tanzania, and Zanzibar to assist the National AIDS Control Programme (ACP) personnel with development and implementation of health education and communication activities for prevention and control of the spread of HIV infection. Nancy encourages governmental and non-governmental organizations to work together to plan and implement AIDS education.....**Morton Skjorshammer**, HPAA, has recently moved but continues to live in Oslo, Norway.

**1983** — **David S. Freedman**, EPID & BIOS, has moved to Atlanta, GA.....**James Herrington**, HBHE, recently left Haiti as field office director, International Planned Parenthood Federation to accept a position with the CDC, International Health Programs Office as the child survival technical officer in Abidjan, Cote d'Ivoire.....**George Linial**, HBHE, is director of health education, City of Chicago Department of Health, Chicago IL.....**Nancy Lee Rucker**, HPAA, has moved from Washington to Chatham, NJ.

**1984** — **Wesley L. Boykin**, EPID, has recently moved to Greensboro, NC, where he has accepted a position as planning research associate, Office of Institutional Research, NC A & T State University.....**Christine R. Wilmot**, PHNU, and **David K. Broadwell** were married and are living in Houston, TX.....**Ayoade M. J. Oduola**, PALP, a WHO fellow assigned to PALP 1980 to 1984 has received the prestigious U.S. Army Research and Development Achievement Award. Ayoade and a team of investigators, including PALP alumnus (1983), **Wil Milhous**, were recognized for their research on malaria parasites which has led to a new clinical rationale for the development of drugs targeted specifically toward reversing drug resistance. Ayoade moved to Nigeria in January to head the Malaria Research Laboratory, Department of Pharmacology and Therapeutics, University of Ibadan, Nigeria.....**Mary Grenz Jalloh**, HBHE, received the 1988 Outstanding Health Educator Award from NCSOPHE.....**Bill Milner**, HPAA, regional dentist, Dental Health Section, NC Division of Health Services, chaired the Committee on Aging of the NC Dental Society. The Statewide Geriatric Program developed by the committee received the first prize ADA Geriatric Dental Care Award.....**Becky Wadsworth Vickory**, HBHE, is Wellness Project Coordinator, NC Department of Human Resources in Raleigh..... **Donald Wm. Warren, Jr.**, ENVR, received an award from the Michigan Industrial Hygiene Society, American Industrial Hygiene Association, during the annual meeting of the AIHA in St. Louis, MO, in May. His paper, "An Industrial Hygiene Appraisal of Triethylamine and Dimethylethylamine Exposure Limits in the Foundry Industry," was selected the best AIHA Journal paper of 1988. He received a certificate of recognition and an honorarium of \$300. Don, his wife, Sharon, and daughter, Sandy Ann, live in Columbus, OH, where he is employed by Ashland Chemical Co. Don is now developing a company-wide safety program which he is finding to be quite a challenge.



**1985** — **Susan Jones Page**, HPAA, was married recently and is living in Burlington, NC.....**Linda Attarian**, HBHE, directs the peer education programs, Health & Wellness Programs, Student Health Service, NC State University, Raleigh.....**Carl E. Bergsagel**, ENVR, is now living in Novato, CA.....**Jill D. Moore**, HBHE & 1988, is research assistant, Highway Safety, Injury Prevention Research Center, UNC Chapel Hill, NC.....**Lydia L. Tiosejo**, PALP, is on the staff of the Department of Microbiology, Tri City

Medical Center, Oceanside, CA.....**Barbara Samuels**, MHCH, is chief, Bureau of Community Health, Office of Community and Rural Health, Texas Department of Health, Austin.....**Kathy Teer Crumpler**, HBHE, school health coordinator, Onslow Co. (NC) Schools, writes that the "No Secrets" program is beginning its third year and that after a course on methods and materials for contraception education for all 9th grade health and family life teachers and a long approval process contraception education will be offered for all 9th grade students.....**Shannon McLaurin Thornburg**, HBHE, and her husband, Gene, have a baby boy, Jesse Alan, born April 10. They are at Harvard but will move to Iowa City soon where Gene will complete a residency in orthopedics.

**1986** — **Dorrie B. Cox**, HPAA, is living in Washington, DC.....**Erma Wright**, HBHE, assistant professor, School of Public Health and Tropical Medicine at Tulane University, received the Tulane Medical Center International Club's Excellence in Teaching Award for her first year of teaching.....**Marc R. Kolman**, HPAA, is living in Albuquerque, NM.....**John C. Triplett**, PALP, is on assignment for the U.S. Embassy in Kinshasa, Central Africa.

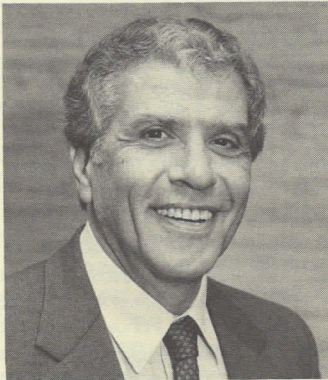
**1987** — **Thomas O'Conner**, HBHE, is director of occupational and environmental health, Chicago (IL) Lung Assn.....**Joan Phillips**, HBHE, is health educator, Hanover Health Department, Hanover, VA.....**Jan L. Smith**, HBHE, writes that she is program coordinator, NC Primary Health Care Association, Cary. The elected state association for NC's federally funded migrant and community health centers, it cooperates with public and private health and human service agencies to promote access to medical care through education, networking, physician recruitment and retention, and advocacy.

**1988** — **Trude Ann Bennett**, MHCH, is a postdoctoral fellow at the Center for Population and Reproductive Health Policy, Institute for Health Policy Studies, School of Medicine, University of California - San Francisco.....**Elaine Saravalli**, HBHE, and **Tom Canaan** were recently married and are living in Charleston, SC, where Elaine is an instructor at HCA Trident Regional Medical Center.....**Vivian Gettys**, MHCH, is employed in the Preventive Nursing Division, Durham County (NC) Health Department.....**Misty Fulk**, HBHE, is working part time as long term care coordinator, RSVP program and part time as research assistant, Bowman Gray AHEC Division in Winston-Salem.....**Frances Pouch Downes**, PALP, is employed in the laboratory of the Department of Public Health in Lansing, MI. She writes that they have some research projects which are very interesting and that she is expecting a baby in August 1989.



*Dr. Herman A. Tyroler (right) and Lesa McPherson examine the John Snow Award Plaque. Tyroler was presented the Snow Award at APHA meeting in Boston last November.*





## From the Desk of the Dean

The 1989 School of Public Health Commencement ceremony was the largest ever. Graduates and their guests, in excess of 700 in number, gathered at Carmichael Auditorium for the degree presentation and reception afterwards on the lawn in front of Wilson Library. It was a gala occasion for all of us. My thanks to Mr. William Small and Dr. Donald Fox for organizing the ceremony. Congratulations to award recipients, Victor Schoenbach, Edward G. McGavran Award for Excellence in Teaching and Janice H. Schopler, Bernard G. Greenberg Award for Excellence in Doctoral Research.

I was particularly pleased that two of the members of the School's Board of Advisors had significant roles in this important event: Ms. Minnie Miller Brown received an honorary doctor of science degree from the University and Judge Willis P. Whichard delivered the commencement address during the public health ceremony (see pg. 9).

The spring conference for alumni and other public health professionals was very well attended and one of the best to date. The program focused on the IOM Report on the Future of Public Health (see pg. 6) and included excellent addresses by Dr. Richard Remington and Mr. Toby Citran. Our excellent alumni conference is due in large part to the hard work of the alumni planning committee and the Dean's Office staff under the leadership of Ms. Mary McCurdy.

Alumni, faculty, and students received a variety of honors during the Awards Luncheon. The complete list is included on page 8. My congratulations to Dr. Dan Blazer, Distinguished Service Award; Dr. Herman A. Tyroler, Greenberg Alumni Endowment Award; and Ms. Mildred Kaufman and Harriet Barr, President's Award. As you all are aware Harriet goes way beyond the call of duty in serving most ably the needs of the School's Alumni Association. The recognition bestowed on her by President Patricia O'Leary is certainly well deserved!

Following the alumni conference, the School sponsored meetings in four regions of North Carolina to examine strategies for implementation of the IOM recommendations at the local level. These sessions were attended by members of local boards of health, county commissioners, and private citizens as well as public health professionals. We feel that the discussion of the recommendations of the report at the local and regional level will facilitate the implementation of the recommendations important to the area. I would like to publicly commend Dr. Richard House, Mr. Bill Browder and

Ms. Rosie Summers and the staff of the Division of Community Health Service for arranging the excellent program for these meetings.

In former articles in the Dean's column, I discussed the formation of a Strategic Planning Committee for the School. The work of the committee culminated in March with a retreat for the School's faculty at which issues important to the School's future were discussed. Small groups had the opportunity to examine questions focused on the mission and structure of the School, the appropriate balance between education, research and service responsibilities, and faculty involvement in the strategic planning process. In its assessment of the value of the retreat and the future direction of the strategic planning effort, the Committee has recommended that the strategic planning process continue with the Dean and other appropriate persons joining in the deliberations, that the Dean consider ways to enhance direct faculty involvement in governing the School, and that a task force be appointed to determine the priority areas for the School. The latter effort in particular must be based on data including the perceptions of various groups regarding the role of the School, mandates for the School to maintain funding and fulfill responsibilities, and criteria to assess performance of programs. Planning for the School's future is indeed a challenging process. We will undoubtedly be calling on the alumni for their input as we progress.

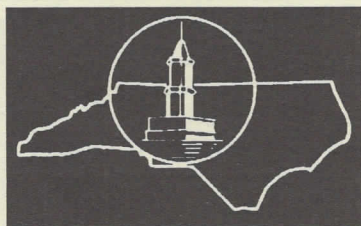
The completion date for the McGavran - Greenberg Hall has been delayed. We now anticipate occupancy following the fall semester 1989. The date of the dedication has been set for May 4, 1990 with the alumni conference on May 3. This will be a double celebration — the 50th anniversary of the School and the dedication of the new building. I hope that many of you will plan to attend. We will keep you informed of special events which are planned for the 1989 - 1990 year.

I hope that you are having an excellent summer. It is with regret that this issue of *The Body Politic* is delayed. Unfortunately the last quarter's allotment to the University from the State was cut, and thus this particular issue delayed.

With warm regards to each of you.

Michel A. Ibrahim, M.D.  
Dean





# On Campus

## Faculty, Staff and Student News

**James E. Watson**, ENVR, has received a grant from Mitsubishi Metal Corp. for the assessment of low level radioactive waste disposal requirements and practices.

**Ralph S. Baric**, PALP, has been awarded an Established Investigatorship from the American Heart Association for a five-year period beginning July 1, 1989. These awards are given to researchers with established research programs to insure maximum release time from their employee institutions to focus a significant portion of their time on research that the AHA believes to be particularly significant. Baric's work on coronavirus-induced myocarditis in rabbits presents a new and important model for study of viral-induced cardiomyopathy in man.

**James E. Grizzle**, BIOS Emeritus, has moved to Seattle, WA, where he is associate director, Cancer Prevention Research Program, Fred Hutchinson Cancer Research Center and research professor of biostatistics, University of WA School of Public Health. The prevention research program is conducting a clinical trial on the use of Vitamin A in the prevention of lung cancer in smokers and in people who have had asbestos exposure. They are also comparing group intervention methods in prevention programs such as smoking cessation, improving diet, and screening at the appropriate time for the appropriate things.

Three departments, the Dean's Office, and one interdisciplinary program received Gold Awards for their participation and gifts pledged or paid in the 1988 State Employees Combined Campaign. The winners and captains are Dean's Office, **Ernest Schoenfeld** and **Mary McCurdy**; Nutrition, **Elizabeth Scott**; Public Health Nursing, **Marion Highwriter** and **Agape Blackley**; Parasitology, **Loraine Walker**; Program on Aging, **Elizabeth Earle**. Members of the Combined Campaign Advisory Committee and chair representatives from the School were **Sandra Booth** and **Tina Evans**.

The first of the quarterly newsletters from Chancellor Paul Hardin to the UNC-CH family mentioned the public service contribution of the School of Public Health under the leadership of **Richard M. House** and the research in child abuse and neglect and the impact of AIDS on the black community by **Dorothy Browne**, Department of Maternal and Child Health.

**O. Dale Williams**, BIOS and Director of the UNC-CH Center for Health Promotion and Disease Prevention, has been elected treasurer of the NC Affiliate, American Heart Association. **Lou Brewer**, PHNU and SPH Division of Community Health Service, is chair of the committee on education and community programs.

The UNC-CH Chapter, American Association of University Professors has named officers for 1989-1990. They are **Berton H. Kaplan**, EPID, president; **Burnele Powell**, law, vice president; **Bernice Bergup**, academic affairs library, secretary; **Harriet Barr**, HBHE & Dean's Office, treasurer. **Audrey Johnson**, social work, and **Robert Parr**, chemistry, are members-at-large.

The Robert Wood Johnson Foundation has given \$1.17 million to the UNC-CH Medical School to support the Clinical Scholars Program for a sixth three-year cycle. The program is co-directed by **Drs. Gordon H. DeFries**, director of the Health Services Research

Center and professor of social medicine and clinical professor of epidemiology, and **Robert H. Fletcher**, professor of medicine and epidemiology and a former clinical scholar.

**Mary Beth Edelman**, Institute for Environmental Studies, UNC-CH, was quoted in the Durham Sun recently regarding the problems associated with recycling plastic. "It is not difficult to collect," she said. "The problem is finding a market. Plastics, unlike glass, paper or aluminum, can be recycled only once, complicating the problems associated with plastic recycling."

**Berton H. Kaplan**, EPID, addressed the Institute of Medicine's Advisory Board on Mental Health and Behavioral Medicine on research needed in this area. He presented a paper at the World Psychiatric Epidemiology meeting in Toronto. Kaplan has been appointed to the American Cancer Society committee on Methodology in Behavioral and Psychosocial Cancer Research.

The first **Godfrey M. Hochbaum Lecture** sponsored by HBHE was presented by Dr. Neil D. Weinstein, professor of Human Ecology & Psychology at Rutgers University. Weinstein's current work involves a critique and evaluation of contemporary models of preventive health behavior.

School of Public Health faculty who serve on appointive and elective committees of the UNC-CH faculty and the committees upon which they serve are as follows: **Laurel A. Files**, HPAA, Faculty Hearings & Scholarships, Awards, and Student Aid; **Berton H. Kaplan**, EPID, Financial Exigency and Program Change; **Hilton T. Goulson**, PALP, Buildings and Grounds; **Harriet H. Barr**, HBHE, Catalog; **Francis A. Digiano**, ENVR, Research; **Lawrence L. Kupper**, BIOS, University Government.

**Barry M. Popkin**, NUTR, has been selected as a member of the Committee on International Nutrition, National Academy of Sciences, 1989 - 1992.

**JoAnne Earp**, HBHE, has been appointed to a three-year term on the selection committee for the Phillip and Ruth Hettelman Prizes for Artistic and Scholarly Achievement by Young Faculty.

School faculty and staff who participated in the annual Occupational Safety and Health Institutes were: **Carolyn Bishop**, **David A. Fraser**, **John L. S. Hickey**, **Morris A. Shiffman**, **Jerry Tulis**, and **Ted M. Williams**, ENVR, and **Karen Mastroianni** and **Bonnie Rogers**, PHNU.

**Jerry J. Tulis**, PALP, has transferred to the ENVR department where he will continue to teach biohazard science courses.

**Robert A. Loddengaard**, HPAA, received special recognition from the governor's office for "outstanding contributions to the people and the state of North Carolina." Bob who retired in July 1988 after 17 years with the University was nominated for devotion to duty and public service by the Department, the UNC-CH associate dean of students and the Orange County Rape Crisis Center. He was active in the formation of the UNC-CH Rape Awareness Committee and is a volunteer for the Orange County Rape Crisis Center.



**Lawrence L. Kupper**, BIOS, has been elected an ordinary member of the International Statistical Institute (ISI). Ordinary members, elected annually, are selected for their distinguished contributions to the development or application of statistical methods, or the administration of statistical services. Candidates must be nominated by five honorary or ordinary members. The ISI, a society of 1500 of the world's leading statisticians, seeks to develop and improve statistical methods and their application through the promotion of international activity and cooperation.

**Craig D. Turnbull**, BIOS, was chair of a round table discussion on undergraduate education in biostatistics at the American Statistical Association in 1989 and will organize and chair an invited session on undergraduate education in statistics at the 1990 ASA meeting. Turnbull has been elected a charter member of Faculty Friends of UNC-CH for "those faculty members who have enhanced the experience of students both inside and outside the classroom." In addition, he is a member of the Spiegelman Award Selection Committee, Statistics Section, APHA.

In a study of all traffic accidents in NC from 1983 to 1987, researchers found that after seat belt legislation was enacted—and especially after fines were imposed—the number of traffic accident deaths or serious injuries dropped dramatically. "What the study suggests is that each and every state could benefit from seat belt laws with primary enforcement," according to **Donald Reinfurt**, HPAA & Highway Safety Research Center and co-author of the study. **Barbara Hulka**, EPID, was one of the study's authors. They estimate that the state may have 1100 fewer severe and fatal highway injuries every year as a result of mandatory seat belt use.

**Bonnie Rogers**, PHNU, has received two awards: the North Carolina Schering Award for her "outstanding service to occupational health" and the APHA Public Health Nursing Section's Creative Achievement Award. The Schering Award is given annually to an occupational health nurse from each state and consists of a plaque from the Schering-Plough Corporation and an educational grant to the winner's state association. The PHNU APHA Award recognizes Rogers' study examining the magnitude of risk encountered by nurses who prepare and administer antineoplastic agents. A member of the Board of Directors of the American Association of Occupational Health Nurses, Rogers has been awarded a three-year \$100,000 research grant entitled, *Ethical Dilemmas in Occupational Settings*, from the National Institute for Occupational Safety and Health.

**Kenneth R. Wing**, HPAA and School of Law, has been selected to receive the 1989 Distinguished Teacher Award from the health law teachers section of the American Society of Law and Medicine. The award honors a professor who has made a significant contribution to the education of students and has advanced the profession of teaching in the area of health law.

**Philip C. Singer**, ENVR, was invited by the Department of Civil and Environmental Engineering, University of Houston, TX, to make a presentation in the Distinguished Lecture Series sponsored by the department. The title of his address was "Alternative Disinfectants for Control of Disinfection Byproducts in Drinking Water."

UNC-CH staff members who have served the University for 20, 25, 30, 35, and 40 years of aggregate state service were honored in April during the 12th annual Service Appreciation Banquet at the Carolina Inn. **Delores Gold**, Dean's Office, and **Elizabeth Scott**, NUTR, were honored for 25 years of service. **Delores Plummer**, **Ann Hall**, and **Ann Norwood**, ENVR; **Rebecca Harris**, DCHS; and **Ann Talbot**, BIOS, were honored for 20 years.

## Student News:

**Jason B. Smith**, HBHE, served as summer intern at the National Institute of Child Health and Development, Center for Population Research, Bethesda, MD.

**Bonnie Jones Friedman**, HBHE, is the recipient of the intra-school award for the 1989 U.S. HHS Secretary's Award for Innovations in Health Promotion and Disease Prevention. Her paper was entitled "An Intervention to Reduce the Incidence of Relapse Among Cigarette Smokers." Jones developed a practical model with a research and theory base to prevent relapse among recent graduates of a cigarette smoking cessation course. The program strengthens existing services by cooperation with existing voluntary health agencies.

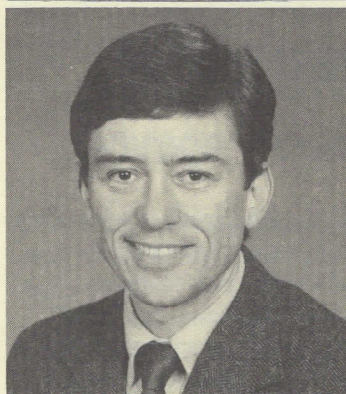
**Jan Elizabeth DeWaters**, ENVR, received first place in the 1989 Academic Achievement Awards competition sponsored by the American Water Works Association. She was honored for her master's thesis, "Biological Activity on Granular Activated Carbon in the Presence of Ozonated Naturally Occurring Humic Substances" under the direction of Dr. Francis A. DiGiano. First place winners receive \$1,000. Presentation was made at the AWWA conference in Los Angeles.

**Bradley J. Berger**, PALP, has been selected to receive a Doctoral Fellowship in Biological Sciences from the Howard Hughes Medical Institute. The award is for three years, assuming satisfactory progress, with an option for the Institute to extend it to a total of five years. The fellowship provides a stipend of \$12,300 to the recipient and the institution a \$10,700 annual education allowance in lieu of tuition and assessed fees.



*Bradley J. Berger (left) discusses his dissertation research with his advisor, Dr. J. Ed Hall, PALP*





## New Chair, New Goals and Opportunities for Biostatistics

Barry H. Margolin became chair of the Department of Biostatistics in November 1987, only the third chair since the Department was organized in 1949. Margolin came to the UNC-CH School of Public Health from the National Institute of Environmental Health Sciences at Research Triangle Park, NC, where he was a mathematical statistician of the biometry branch.

He follows the two former chairs, Bernard G. Greenberg, who organized the department and served as chair until he became Dean of the School of Public Health in 1972, and James E. Grizzle, who was chair from 1972 until 1987.

"When I became chair it was clearly an opportune time to conduct a departmental health assessment," Margolin said. "A time to set goals for the next decade and devise strategies to achieve these goals."

"During the last 12-15 months, a number of the faculty and I have spent a significant amount of time engaged informally in evaluation and planning. It is a pleasure to share some of the results of this process with friends and alumni," he said.

According to Margolin, the assessment affirmed that Biostatistics is in good health; the department is generally considered to be one of the top three biostatistics departments in the country. Evidence of this ranking is found in the fact that the department continues to draw students of high quality to all its various degree programs. During the Spring 1989 semester there were more than 90 graduate students and a dozen undergraduates pursuing degrees in biostatistics. "Our graduates readily find attractive employment," he said.

Relations with other parts of the School of Public Health and the Division of Health Affairs are good to excellent, Margolin continued, with biostatistics faculty involved in substantive collaborative activities with seventeen other departments on a continuing basis.

"The Biometric Consulting Laboratory, under the creative guidance of Professor Gary Koch, and the Collaborative Studies Coordinating Center, under the strong leadership of Professors O. Dale Williams and Clarence E. Davis, continue to carry out their respective departmental missions in a highly effective manner," he said.

"Of course, there is always the usual and customary concern of insuring adequate funding for faculty, students,

staff and equipment," Margolin stated. "I am also concerned that the age distribution of the faculty is heavily concentrated in the 45-55 range. In order to develop future departmental leaders we need to recruit young faculty with strong methodological interests and a clear commitment to public health research."

"We are currently in the process of recruiting two junior faculty. These appointments are a consequence of the resignations of Dr. James E. Grizzle to assume the post of associate director, Cancer Prevention Program, Fred Hutchinson Cancer Research Center in Seattle, WA (see page 15), and Dr. Dennis Gillings to devote full time to the management of Quintiles, a highly successful consulting firm. Both of these individuals have made many significant contributions to the Department of Biostatistics over the years and will be missed," he continued.

Margolin pointed out that the Department of Biostatistics has prospered and grown to its current size and excellent reputation without a substantial investment in cancer research, the area of application that has fueled the growth of most major departments of biostatistics.

"The very sizeable UNC-CH commitment to cancer research presents our department with a challenge to insure that research in oncology has access to the best biostatistical expertise available," he said.

Biostatistics has participated in two recent grant applications that indicate the new priority we are assigning to cancer research," Margolin continued. "The first is a proposal to form a Cancer Prevention Research Unit on campus and the second is an application for a five-year renewal of the current Lineberger Cancer Research Center grant. In both cases, these applications to the National Cancer Institute include biostatistical core support to stimulate research by our faculty and graduate students with interests in cancer."

"Other new Biostatistics initiatives are in the early planning stages and as they come to fruition, I will share them with you," Margolin concluded.

It is a very exciting time for the Department of Biostatistics as its 40th birthday approaches. The Department has a new chair with new goals, ready to take advantage of new opportunities for growth and development.



---

## Andrews Receives Fulbright Grant

Dr. Richard Andrews has been awarded a Fulbright grant to lecture and conduct research on urban environmental planning in Austria.

Andrews, director of the Institute for Environmental Studies and professor of environmental sciences and engineering in the School of Public Health and professor of city and regional planning, will lecture and conduct research in environmental policy, economics and planning at the Vienna University of Economics for four months in 1990. He will help develop a new elective curriculum in environmental economics and planning within the Austrian university's interdisciplinary Department of Urban and Regional Studies.

Andrews is one of about 1,500 U.S. grantees who will travel abroad during the 1989-90 academic year under the Fulbright Program.

Established in 1946, the program is designed to increase mutual understanding between people in the United States and other countries. Scholarships are awarded to American graduate students, teachers, and professors and their counterparts in other countries. Recipients are selected for academic and professional qualifications and their ability and willingness to share ideas and experiences with people in other cultures.

The program is funded and administered by the U.S. Information Agency under guidelines established by the Board of Foreign Scholarships, a presidentially appointed body. Financial support for the program comes from the U.S. government and 28 other nations.

---

## HPDP Seed Grants Awarded

Drs. Laureen Lopez, Dexter L. Morris, Mary Peoples-Sheps and Herman A. Tyroler have received seed grants totalling \$15,912 from the School's Program for Health Promotion and Disease Prevention for 1989.

The purpose of the awards is to promote the development of innovative HPDP research initiatives. Ideally the results of the grants will lead to further research supported by sources outside the University. These awards are the third set in an annual seed grant award program sponsored by the School's HPDP program.

The title of the project and the department of the recipients are: Lopez, NUTR, "Developing More Effective Interventions to Lower Cancer Risk Through Dietary Change"; Morris, EPID, "Breast Cancer Incidence and Mortality: Exploration of Recent Increases Using Mathematical Models"; Peoples-Sheps, PHNU & MHCH, "Study of the Relationship Between Maternal Work and Pregnancy Outcome"; and Tyroler, EPID, "Dietary Fiber and CHD."

## Grants to SPH Faculty

### Federal Agencies

**William Kalsbeek**, BIOS, National Institute of Environmental Health Sciences, to provide statistical sampling expertise and related statistical analysis procedures to produce a stratified sampling of chemicals.

**Barry M. Popkin**, NUTR, National Institutes of Child Health and Development, to study the relationship between infant feeding patterns, women's nutrition and birth spacing. Co-investigators are: John Aiken and David Guilkey, ECON; **J. Richard Udry**, MHCH; and Wilhelm Flieger, Office of Population Studies, Univ. of San Carlos, Cebu City, Philippines. This is one of a series of studies on maternal and child health and fertility which is coming from a 4-year set of longitudinal surveys of over 4000 mother/infant pairs for 33 communities in the Philippines.

**David A. Savitz**, EPID, Department of Energy, to develop computer programs for space-time clustering techniques for use in epidemiologic field studies.

### State Agencies

**Richard M. Kamens, Judith Charles and Deborah Amaral**, ENVR, to develop a methodology for analyzing hazardous waste from incineration and other treatment alternatives with NCSU.

**Francis DiGiano, Judith Charles and Deborah Amaral**, ENVR, to identify aquatic toxicity causing compounds in industrial wastewater discharges with NCSU.

**Russell F. Christman**, ENVR, UNC-CH coordinator of the hazardous substance research center, NCSU.

### Private Agencies

**Frances M. Lynn**, ENVR and Institute for Environmental Studies. The Norton Foundation has funded the student/community involvement program linking students with local governments and communities to address complex environmental questions.



---

## UNC Study: Average Woman Eating Less

During the past decade, American women have significantly changed their eating habits, according to a new national study.

The study, conducted at the UNC-CH School of Public Health, indicates that the average American woman is eating less.

She has significantly increased the diversity of her diet and is much more likely to consume a number of lower fat foods. She also is eating less high-fat beef, pork and poultry.

On the negative side, the average American woman is consuming a few more high-fat foods, including cheeses, desserts, salty snacks and mixed grain dishes like pizza and macaroni and cheese casseroles.

She is also eating fewer legumes and other vegetables.

Dr. Barry M. Popkin, professor in the School's Department of Nutrition, presented results of the study at the U.S. Department of Agriculture's annual Agricultural Outlook Conference in Washington.

"Our research shows that better educated women are getting the message that it's important to move to a healthier diet," Popkin said. "Unfortunately, there is no evidence that less educated women are doing the same."

The dietary findings are based on a series of analyses of two nationally representative samples collected from the lower 48 states between 1977-78 and 1985-86 and involving thousands of women. They are the Nationwide Food Consumption Survey and the Continuing Survey of Food Intake by Individuals, both funded by the USDA.

For each analysis, the UNC researchers used the average daily food intake based on three days of dietary data.

They found that per capita consumption of low-fat milk products, trimmed meats and cheeseburgers and mixed grain dishes increased by at least 10 grams per day, while comparable per capita decreases were observed for whole milk and the higher fat beef and pork products.

Almost 43 percent fewer women ate high fat beef and pork during 1985-86 than during 1977-78. The amount of low fat fish consumed per person nearly doubled during the same period.

"In general, in many major food groupings, increases in per capita low fat products were accompanied by decreases in high fat items," Popkin said. "Interestingly, very little change was observed in per capita consumption of either lower or higher fat cheeses."

Consumption of green and yellow vegetables declined slightly, the study indicated. There was little change in a number of food groups that contribute to complex carbohydrates and dietary fiber, such as low fat, higher fiber bread products and ready-to-eat cereals.

## Researchers Study Heart Attack Death Rates

North Carolina's death rate from heart disease has improved with the rest of the nation in the last 20 years, but a gap remains between some Southeastern states and the rest of the country, officials say.

North Carolina, South Carolina and Georgia show "a very marked concentration of cardiac mortality," said Dr. Gerardo Heiss, professor of epidemiology, UNC-CH School of Public Health, at a recent conference sponsored by the American Heart Association in Chapel Hill.

Heiss is studying regional variations in heart attack mortality as part of a six-year, \$12.6 million nationwide project to study the progression of heart disease.

Scientists don't know all the reasons for the geographic differences. Although they have identified some major factors that contribute to heart disease, others remain unknown. Less than half of all heart disease can be explained for example, by such well-known culprits as atherosclerosis, lack of nutrition and exercise, high blood pressure, cigarette smoking and blood clotting ability.

As part of the study, Heiss and his colleagues are searching for additional explanations that may clarify why the heart attack death rate was 34 percent higher in North Carolina than the nation as a whole in 1986. Nationwide there were 227 heart attack deaths per 100,000 population that year compared to 306 deaths per 100,000 in North Carolina. A slightly less dramatic gap exists in the death rate for stroke. North Carolina's rate was about 27 percent higher than the national average in 1986, according to figures provided by Heiss.

As the project progresses, the researchers will study 16,000 people in four sites across the nation, including 4,000 people in Forsyth County. Other sites include Washington, a Minneapolis suburb and Jackson County, MS. Each of the 16,000 participants will be examined periodically to see if, and perhaps why, they develop atherosclerosis that leads to heart disease.

"Our study will benefit from 25 years of epidemiology in heart disease," Heiss said.



## Faculty Changes:

### Appointments:



**Laureen M. Lopez**, assistant professor, NUTR, effective January 1989. Lopez holds a B.S. in foods and nutrition, Douglass College of Rutgers Univ., an M.S. in human nutrition, Rutgers Univ. and a Ph.D. in human nutrition, Cornell Univ. She comes to UNC-CH from Colorado State Univ., where she was an assistant professor of food science and human nutrition.

**John G. Fryer**, research professor, BIOS, effective January 1, 1989.

### Promotions:

**J. Edwin Hall**, PALP, to associate professor effective January 15, 1989. Hall, who joined the faculty in 1982, is director of Graduate Study and chair of the Admissions Committee in PALP. His research interests include defining the mechanisms of pathogenesis in human parasitic diseases.

### Leaves of Absence:

**Dan E. Beauchamp**, HPAA, for two years (1988 - 1990) to serve as deputy commissioner for planning, policy, and resource development, New York State Department of Health. His division is responsible for formulating new initiatives for the health department including development of a universal health insurance proposal for the entire state and a comprehensive strategy for increasing the involvement of the Department of Health in drug policy.

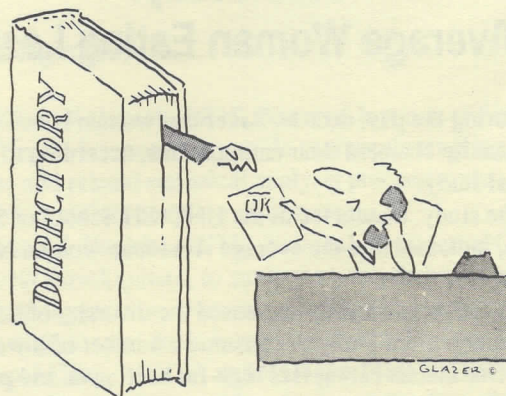
### Resignations:

**Deborah A. Freund**, HPAA, to accept a position out-of-state.

**Dennis B. Gillings**, BIOS, to work in private industry.

**Timothy M. Morgan**, BIOS, to accept a position at Bowman Gray School of Medicine.

**Patricia F. Waller**, HPAA, Highway Safety Research Center & UNC Injury Prevention Research Center, to become director of the University of Michigan Transportation Research Institute.



## SPH Directory Listings Verified

### Being Sure Alumni Info is OK

Beginning in May 1989, representatives of Harris Publishing Company, Inc. telephoned alumni for the verification phase of our UNC-CH School of Public Health Alumni Directory project.

Much of the information to be verified on each individual's listing will be included in the Directory. Specifically, current name, academic data, residence address and phone number (if applicable) were checked. The scope of this information is an indication of the thorough and complete quality of the entire volume. The Directory will sort this data by name in the alphabetical division, and by class year and department and geographical location in separate sections of the book. Also included will be a special message from the Dean and information about the School's Alumni Association as well as photos and information on the School.

Soon locating fellow alumni will be as easy as turning a page in the UNC-CH School of Public Health Directory. You may reserve your personal copy when your Harris representative phones, but don't delay. This will be your only opportunity to order this comprehensive new directory.



---

## PALP Alumnus Wins Gorgas Medal

LtC. Wilbur K. Milhous is the 1989 recipient of the Gorgas Medal, one of the oldest and most prestigious awards given in the Federal health care sector. The Gorgas Medal is a competitive award given annually by the Society of Federal Health Agencies, the Association of Military Surgeons of the United States which include the Public Health Service and the Veterans Administration, and the Department of Defense.

Milhous, who completed his doctoral degree in parasitology in 1983, was honored for his work in the surveillance and detection of drug resistant falciparum malaria. Falciparum malaria is currently the number one killer in the world and resistance to available drugs has been increasing at an alarming rate in many areas.

During his graduate study at the UNC-CH School of Public Health, Milhous developed methods to assess drug interaction and evaluate efficacy of antifolate antimalarials, such as Fansidar®. His doctoral research was funded by a grant from the World Health Organization and directed by Drs. Norman Weatherly and Robert E. Desjardins. Milhous was the first recipient of the School's Bernard G. Greenberg Award for Excellence in Doctoral Research.

In 1983, Dr. Milhous was assigned to the Division of Experimental Therapeutics, Walter Reed Army Institute of Research where he has directed the activities of the Malaria Research Laboratory in support of drug development, clinical trials, patient diagnosis and basic research. The surveillance program of the malaria laboratory was established to insure that the minimum parasitologic and therapeutic criteria were being met in case reports. Parasites from Peace Corps, Department of State and military personnel were cultured *in vitro* and tested for susceptibility using modifications of a semi-automated microdilution system developed by Dr. Milhous during his graduate work at the UNC-CH School of Public Health.



LTC Wil Milhous, USA, (left) is awarded the Gorgas Medal by Surgeon General LTG Frank Ledford, USA & AMSUS Pres. LTGEN (Ret) Max Brailliar, USAF. Surgeon General Everett Koop is seated.

As a result of these studies, new endemic geographic foci of drug resistant falciparum malaria have been identified in Panama, India, Central and West Africa. The use and comparison of strains from patients with known clinical outcomes has been instrumental in the ability to predict potential patterns of cross-resistance among new antimalarial drugs in various stages of preclinical development. The results of the studies have been critical in redefining antimalarial prevention for international travelers and in predicting the clinical utility of existing and developmental drugs in regions around the world. The program has received international acclaim for its role in antimalarial drug development.

The Gorgas Medal was established in 1942 for distinguished work in preventive medicine in honor of Major General William Crawford Gorgas, a U.S. Army physician. Without his knowledge of yellow fever and his efforts to control the mosquito populations, the Panama Canal might not have been constructed.

---

## Dunston Elected to Lead Local Health Officers

Dr. Frances J. Dunston has been elected president of the U. S. Conference of Local Health Officers and was installed at the 27th annual meeting in Boston. Dunston who served the conference last year as vice president, has been health officer for the City of Richmond, VA, since 1983.

Dunston, a 1985 graduate of the Off Campus program of the UNC-CH School of Public Health, was formerly assistant director for health care programs with the Richmond City Health Department.

As vice president, she represented the Conference at several national meetings, including sessions to develop a prevention position paper for submission to the Democratic Platform Committee, and meetings with Mayor Donald Fraser, Chair of the Conference of Mayors' Standing Committee on Health. Dunston addressed the Mayors' Health Committee in January on the concerns of local public health.



---

## UNC-CH Receives Nuclear Safety Award

The UNC-CH Health and Safety Office has received the 1988 Governor's Award of Excellence for Outstanding Achievement in Low-Level Radioactive Waste Management. Donald G. Willhoit, director of the office and professor of environmental sciences and engineering, accepted the honor for the University.

Three Governor's Awards of Excellence were presented during ceremonies in Raleigh, April 20, 1989. In addition to the low-level radioactive waste award, other awards were presented for hazardous waste management for small operations and for large operations. UNC-CH received the hazardous waste management award last year.

"The award program is part of a state statute that honors companies, industries, and institutions in North Carolina that have exhibited outstanding commitment, innovation, and technological advances in protecting the state's environment through superior waste management practices," said Dr. Linda W. Little, executive director of the Governor's Waste Management Board and 1968 graduate of the UNC-CH School of Public Health.

"This marks the first time a North Carolina university has won the top award," Little said.

The UNC Health and Safety Office was established in 1974. Its initial priorities focused on facility improvement to meet federal and state standards. The office then began focusing on new safety programs and identifying potential health hazards.

---

## Spratt Named Dental Health Chief



Dr. Jean Spratt has been named, chief, Dental Health Section, North Carolina Division of Health Services. Her appointment follows the retirement of Dr. George Dudley in November 1989.

Spratt became chief at the close of the 70th birthday celebration of the Dental Health Section, "Thanks for the Smiles." A member of the planning

committee for the year-long observance, she was director of the conference on dental public health which was held in October to prepare a five-year plan for the dental public health section.

One of the highlights of the 70th anniversary was the announcement of the 1986-87 survey of school children which reported a 50 to 60% decline in dental caries in school children during the 25 year period, 1960 -1986. The most dramatic decrease occurred over the last ten years. Three fourths of the dental caries have been treated, a tremendous improvement from the previous survey. These statistics are evidence of the success of the preventive dentistry program in North Carolina.

Prior to accepting the position as chief, Dr. Spratt served as regional dental supervisor, North Carolina Division of Health Services, and as director, Durham County (NC) Health Department, Division of Dental Health. She received the D.D.S. degree in 1977 from the University of North Carolina at Chapel Hill School of Dentistry and the M.P.H. in 1984 from the School of Public Health.

---

## WIC Evaluation Design Completed

A nine month project to design a method to assess the impact of the WIC program on infants and children has been completed. Funded by the U.S. Department of Agriculture, Food and Nutrition Service, the project was directed by Dr. Jonathon Kotch, MHCH, principal investigator, and Dr. Meg McCann, EPID, and Mr. David Shanklin, HPDP, co-principal investigators.

Kotch, and other School of Public Health faculty involved in the project, prepared a detailed research design to evaluate the special supplemental food program for WIC funded by the Food and Nutrition Service. Special emphasis is placed on assessing the national impact in terms of physical growth, iron status, and cognitive development of infants and children who participated. The research design calls for selecting a nationally representative sample of program eligible infants through selected state agency automated vital statistics files and following the WIC and control samples over a three to four year period. Federal officials are planning a pilot demonstration of the research design next year. If the pilot study is successful, a full national study could result.

Other School faculty who participated in the project included William Herzog and Curtis McLaughlin, HPAA, Dana Quade, BIOS, and Boyd Switzer, NUTR.



---

# Delta Omega

## Theta Chapter

The 1989 annual meeting of the Theta Chapter, Delta Omega Society, national honorary public health society, inducted the new members and presented awards.

New members and the programs they represent are:

### *Graduate Students:*

- BIOS — Susan Atkinson, Donna Hollis, Amy Peng, Paige Williams  
EPID — Debora Barnes, Stephen Kritchevsky, Dana Loomis, Judith Qualters, Paige Tolbert  
HBHE — Rema Afifi, Vangie Foshee, Catherine Sarri, Martha Tenney, Charlene Voyce  
HPAA — Joanna Apple, Uma Avva, Carol Goerner, Katherine Halpern, Clarence Hauer, Gary Kushner, Patricia Meador, Doris Mugrditchian, Theresa Ngo, Donald Pathman, Janice Schopler, Patience Vanderbush  
MHCH — Judith Bors-Davis, Laura Brown, Anuradha Kumar, Marcus Plescia,  
NUTR — Helen Ho, Laurie Quint-Adler  
PALP — Stephen Ciesielski, Nathan Thielman  
PHNU — Karen Mastroianni, Robyn Turton, Sylvia Wyrick

### *Faculty:*

- EPID — Martha F. Vine  
NUTR — Linda Adair  
PALP — Lola V. Stamm  
PHNU — Rachel H. Stevens

### *Alumni:*

- BIOS — W. Kenneth Poole  
EPID — Christine M. Branche, Terence L. Chorba  
HBHE — Edward F. Meehan  
HPAA — Barbara O. Chavious  
MHCH — Sharon A. Taylor  
PALP — James R. Carlson, Wilbur K. Milhous  
PHNU — Judith A. Blackfeather

Dean Michel Ibrahim presented the undergraduate awards for excellence to Elizabeth Alfonsi, BIOS; Kathryn L. Maclin and Sally Schultz, HBHE; Heather Bannerman and Susan Wall, HPAA; and George Perkins and Diana Riordan, NUTR. The Delta Omega Service awards were presented to David B. Robinson for his projects to raise the consciousness of residents of Durham about the implication of nuclear accidents and war for health and minority health and to Victoria A. Freeman as teacher and public health service delivery for the Durham Child Advocacy Council.

The 1989 - 1990 officers installed at this meeting are: President, Craig Turnbull; Vice President, Gary Rozier; Secretary, Boyd Switzer; Treasurer, Kit Simpson; and Delegate to the National Council, Marilyn Asay.

## National Merit Award

Dr. Norman Weatherly, professor in the Department of Parasitology and Laboratory Practice, received the 1988 National Merit Award from the Delta Omega Society. The award was presented at the annual meeting of the Society held in conjunction with the meeting of the American Public Health Association and Association of Schools of Public Health meetings.

Nominations for National Merit Awards for students, alumni and faculty were submitted by each active chapter of Delta Omega. Criteria in the faculty category included performance in scholarship, teaching, and the quality of publications. His selection from among this elite national group is further evidence of his outstanding accomplishments. Dr. Weatherly, who was the first recipient of the Bernard G. Greenberg Endowment Award, retired July 1. He and his wife are traveling across the U.S. this summer.

The 1987 Delta Omega Award was presented to Dr. Barbara Hulka, professor of epidemiology and chair of the School's Department of Epidemiology.

---

## Alumni Deaths

**Roger S. Bolton**, HPAA 1962, January 7, 1989 in Thomasville, GA.

**Marian L. C. Daugette**, PHNU 1950, in Orange Beach, FL.  
**Ed Ebersole**, ENVR 1964, September 17, 1988 of a heart attack. Ed was with the Fireman's Fund Ins. Co. in San Rafael, CA.

**John T. King**, HPAA 1971, Sept. 12, 1988 in Burlington, NC.

**Apostolous Koskinidis**, ENVR 1947, in 1988 in Athens, Greece.

**Frances Kornegay**, HBHE 1945, Oct. 28, 1988 in Mount Olive, NC.

**Wilbur E. Long**, ENVR 1949, retired head of the water quality section of the NC Department of Natural and Economic Resources, Oct. 7, 1988 in Raleigh, NC. He was a former chair of the NC Section of the American Water Works Assn.

**Elsie H. Lopez**, HBHE 1948, in Bethune, SC.

**Alvin McMillan Powell**, ENVR 1972, April 15, 1987 at St. Simons Island, GA.

**Redolfo Romero**, PALP 1972 & 1974, on Nov. 8, 1987 at an Albuquerque, NM hospital following a stroke. Redolfo was chief of quality assurance and the program support bureau for the NM Scientific Laboratory, a division of the NM Health and Environment Department.

**Jane Schlendorf**, HBHE 1984, December 7, 1988. At the time of death, Jane had returned to Washington, DC, from a Peace Corps assignment.

**Roger Francis Sondag**, HPAA 1956, August 21, 1988 in Springfield, IL.

**Meadie Montgomery Switzer**, HBHE 1950, a retired health educator with the MS State Board of Health, Dec. 1, 1988 in Mississippi State, MS.



## ***The Body Politic, Volume 16, No. 2***

School of Public Health

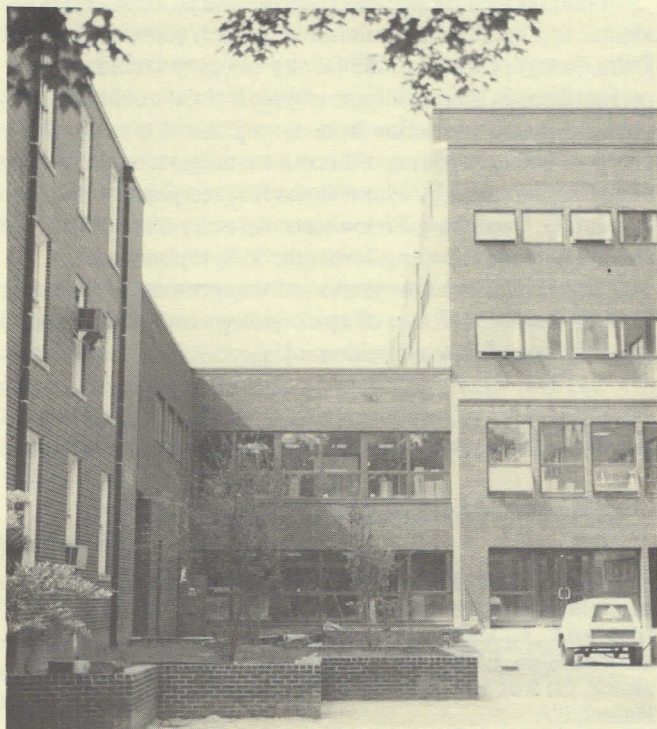
University of North Carolina at Chapel Hill

Editor: Ms. Harriet H. Barr

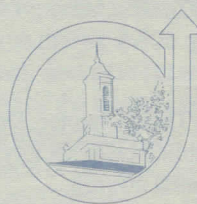
News items are welcome and should be sent to:

Dean's Office, Rosenau Hall CB# 7400

Chapel Hill, NC 27599 - 7400



*North entrance to McGavran - Greenberg Hall. This entrance faces the campus and courtyard between the new building and Rosenau Hall.*



### **50 Years of Change and Challenge**

UNC School of Public Health  
1939 -- 1940    1989 -- 1990

#### **Dates to Remember**

**University Day: October 12, 1989**

**Environmental Conference:  
Environmental Change  
and Public Health**

**January 21 -- 24, 1990**

#### **Dedication Events:**

**Alumni Conference: May 3, 1990**

**Dedication Program: May 4, 1990**

**McGavran -- Greenberg Hall**

**Herman G. Baity Laboratory**

**Put these dates on your calendar  
and plan now to attend.**

Dean's Office  
UNC School of Public Health  
CB# 7400, Rosenau Hall  
Chapel Hill, NC 27599-7400

Non-Profit Organization  
U.S. Postage  
**PAID**  
Permit No. 177  
Chapel Hill, N.C. 27599-1110