

Cancer

The Cancer Programs of UNC-Chapel Hill & UNC Health Care

Fall 2003



the inside line up

2 Director's Message



3 Welcome Bobbi Marks



4 Profile: Goldberg & Briefs



5 Sole Sisters: Healthy Exercise



6 Gifts to the Center '02-'03

10 Horse Show & Calender of Events

Cancer Prevention: Reaching Across North Carolina

Not all scientific research occurs in classic laboratory settings. Some of the best science is done in communities and clinics, using participants drawn from the public, high-risk populations and patients to develop hypotheses, test concepts and create treatment plans.

"Population-based studies are the laboratory for research aimed at improving the control of cancer," said Barbara Rimer, UNC alumni distinguished professor of health behavior and health education in the School of Public Health and deputy director for population sciences at the UNC Lineberger Comprehensive Cancer Center.

"We have to understand people's health practices, health experiences—how their genetic make-up, knowledge, attitudes, health practices and healthcare experiences affect their chances of getting, surviving and living beyond cancer," she said. "We must study people in their communities, homes, physicians' offices, where they work and in the many settings where people spend their time."

That's why UNC Lineberger researchers are involved in population-based studies related to the prevention, early detection, diagnosis and treatment of many kinds of cancers.

Here's a look at three current UNC Lineberger faculty-directed, population-based studies.

BEAUTY: Bringing Education and Understanding To You

North Carolina's African American women have a higher incidence of and death rate from many cancers compared to white women. From 1970 to 1994, the breast cancer death rate for North Carolina's African American women was 28



BEAUTY project salon owner Roszetta Cotton, owner of Inflight Hair Salon and Hair Enhancement Center in Durham, styles Pam Pagan's hair.

per 100,000 and 24.02 for white women. During the same time period, the death rate for colon cancer for African American women was almost 17 per 100,000 compared to 12.5 for white women.

"The American Cancer Society tells us that 50 percent of all cancers are associated with lifestyle factors and risks to many cancers can be reduced or prevented altogether," said Laura Linnan, assistant professor of health behavior and health education. "We plan to share the good news about cancer prevention—with modifications in diet, physical activity and smoking, the risk of cancer can be reduced significantly. And when women get regular cancer screening checks, cancers can be found earlier and treated more successfully."

continued on page 3

Translating Scientific Discovery from the Lab to the Clinic

The UNC Lineberger is known for its translational research which takes discoveries made in the laboratory and applies them to new methods of diagnosis or treatment in the clinic.

"Examples of translational research include finding a new drug for cancer therapy as a result of basic research on cancer cells or better understanding how the drugs that we have kill cancer cells," says Robert Orlowski, assistant professor of medicine in the division of Hematology/Oncology and UNC Lineberger member.

In the past, research into the use of new drugs for cancer patients was more empiric. "That meant that a variety of patients with different cancer types were treated with a new drug, and if any of those patients had good

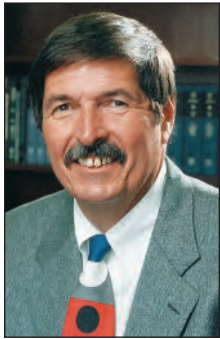
responses, the drug would be developed only for that cancer type," he explains.

As a result, many patients were treated with a drug that had only a small prospect of helping them. "With the use of laboratory discoveries in translational medicine, we may be able to better identify ahead of time which tumor types would be most susceptible to a certain drug, thereby improving the likelihood that patients with that tumor type would get a drug that had a good chance of helping them," Orlowski notes.

For example, Lineberger researchers and physicians are looking at several novel uses for Velcade, formerly known as PS-341, a drug that inhibits the degradation of certain proteins in cancer cells with the result that the cancer cells

continued on page 2

Director's Message



Dr. H. Shelton Earp, III

UNC Lineberger has new clinical leaders. Richard Goldberg joined us on July 1st as Associate Director of Clinical Research for UNC Lineberger Comprehensive Cancer Center and Division Chief for Hematology-Oncology. Dr. Goldberg is a nationally recognized expert in GI cancers and comes to UNC from the Mayo Clinic in Rochester, Minnesota, where he served as the chair of the Mayo Cancer Center's Gastrointestinal Cancer Research program. Dr. Goldberg has recently performed and published pivotal clinical trials that are changing the nation's management of colorectal cancer. Bobbie Marks, has joined us from Northwestern University and she will serve as the Administrative Director of Oncology Services for UNC Lineberger and the UNC Health Care System. Together, their expertise will enhance and expand the clinical programs and impact our patient care in a very positive way.

I am so proud of the incredible group of young scientists we attract to UNC Lineberger every year, but this year the group's accomplishments were spectacular. We nominated six basic and clinical scientists for seven national awards and our nominees won every single award! This kind of national sweep is truly unprecedented and a testament to the exceptional quality of our young faculty.

Their research will make a difference in the detection, prevention and treatment of cancer patients. Congratulations to all the winners! Ned Sharpless for the Beeson Award and the Sidney Kimmel Award; Yi Zhang for the Elion Award from the American Association of Cancer Research; Shawn Ahmed for the Ellison Medical Foundation Award; Scott Hammond for the General Motors Foundation Award; Nancy DeMore for the Sidney Kimmel Translation Award; and Kim Rathmell for the V Foundation Award.

Every day newspapers and journals report promising scientific discoveries. Our goal is to translate these findings as quickly as possible to benefit patients. That's what Center associate director Al Baldwin and oncologist Bob Orłowski did for myeloma patients. Al did the pioneering work on the drug Velcade—showing its ability to enhance tumor cell killing; Bob and Al continue to make fundamental advances. The first clinical trial of this newly FDA-approved drug was conducted at UNC.

As important as finding better therapies is, prevention and early detection will save more lives. We must ensure that people across North Carolina have appropriate screening for cancer. The BEAUTY project, Share Thoughts on Care and Carolina Head and Neck Cancer Study (CHANCE) featured in our cover story are only three examples of how UNC Lineberger faculty and staff partner with communities across North Carolina.

Few things are more sacrosanct to women than their appointment at the

hair salon. Dr. Laura Linnan and project manager Veronica Carlisle are using that time in the chair to a good purpose. They're training beauty shop owners and staff to talk with their customers about the importance of cancer screenings, while providing educational materials to reinforce the message.

Dr. Bob Sandler, an investigator with Share Thoughts on Care, will survey the views and experiences of colorectal cancer patients in the program to address how patients, healthcare providers and health systems affect the services that cancer patients receive and to improve the quality of health care and treatment for future patients.

Dr. Andy Olshan is directing the largest population-based molecular epidemiology study of head and neck cancers in the U.S., looking at interactions between a person's genes and environmental exposures.

Serving the people and state of North Carolina is our mission. To help us fulfill that mission successfully, we need a new cancer hospital. A new hospital will help communities and patients all across the state—through access to advanced care, technology and clinical research, through teleconferencing and information links to our multidisciplinary groups, and through prevention and early detection programs and research.

Our honor roll of donors to UNC Lineberger reflects the generous commitment of people, associations, foundations and companies to expand research efforts and to help our patients and families coping with a diagnosis of cancer. Patients from all 100 North Carolina counties are seen at UNC Lineberger, and with your support, we hope to fashion new discoveries into better therapies for them. Thank you. ●

the importance of cancer screenings, while providing educational materials to reinforce the message.

Dr. Bob Sandler, an investigator with Share Thoughts on Care, will survey the views and experiences of colorectal cancer patients in the program to address how patients, healthcare providers and health systems affect the services that cancer patients receive and to improve the quality of health care and treatment for future patients.

Dr. Andy Olshan is directing the largest population-based molecular epidemiology study of head and neck cancers in the U.S., looking at interactions between a person's genes and environmental exposures.

Serving the people and state of North Carolina is our mission. To help us fulfill that mission successfully, we need a new cancer hospital. A new hospital will help communities and patients all across the state—through access to advanced care, technology and clinical research, through teleconferencing and information links to our multidisciplinary groups, and through prevention and early detection programs and research.

Our honor roll of donors to UNC Lineberger reflects the generous commitment of people, associations, foundations and companies to expand research efforts and to help our patients and families coping with a diagnosis of cancer. Patients from all 100 North Carolina counties are seen at UNC Lineberger, and with your support, we hope to fashion new discoveries into better therapies for them. Thank you. ●



UNC Lineberger is designated a comprehensive cancer center by the National Cancer Institute.

Cancer Lines is a semi-annual publication of the UNC Lineberger Comprehensive Cancer Center, The University of North Carolina School of Medicine at Chapel Hill.

Dr. H. Shelton Earp, III, Director
Dr. Joseph S. Pagano, Director Emeritus
Dianne G. Shaw, Director of Communications/Executive Editor
Margot Carmichael Lester, Editor

Please remove me from your mailing list

Name

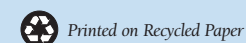
Please add the following to the Cancer Center's mailing list.

Name

Address

City, State, Zip

**UNC Lineberger
Comprehensive Cancer Center**
CB# 7295
School of Medicine
University of North Carolina at
Chapel Hill
Chapel Hill, NC 27599-7295
(919) 966-3036
<http://cancer.med.unc.edu>



Printed on Recycled Paper

Translating Scientific Discovery

continued from page 1

become more susceptible to chemotherapy. This approach of inhibiting protein destruction by targeting a specific molecule termed the proteasome is a new direction for cancer therapy. Inhibiting proteasome function increases cancer cells' sensitivity to some drug therapies already in use, apparently without significantly increasing their side effects, resulting in better cancer treatment overall.

"We had previously shown that a certain protein termed NF- κ B is activated by chemotherapy or by radiation and makes tumor cells more resistant to these treatments. The clinical use of Velcade is based on our laboratory studies showing that the NF- κ B molecule is not activated to the same extent when the proteasome is inhibited," explains Al Baldwin, professor of biology and UNC Lineberger's associate director. "Our group predicted this use for Velcade based on studies we had been carrying out



(Left to right): Drs. Bob Orłowski and Al Baldwin look over data from their translational research projects.

over several years."

Baldwin's team showed that Velcade in combination with chemotherapy or radiation strongly enhanced their anti-cancer potential. Additionally,

Orłowski had shown that Velcade by itself had anti-cancer properties against a certain type of cancer, multiple myeloma, on its own.

The basic studies were translated into pre-clinical and then clinical phase I and II trials, and in part because of the work done at UNC, this drug was recently approved by the Food and Drug Administration for use in patients with relapsed and refractory multiple myeloma. Current trials directed by Drs. Orłowski and Claire Dees, assistant professor of medicine, investigate the use of Velcade in combination with other drugs for patients with both blood-related and solid tumors.

"The value of this kind of translational research to the cancer center is enormous as it guides us in our attempts to treat cancer," Baldwin says. "The value to patients is that the new cancer treatments are based on a logical progression from laboratory through pre-clinical studies to clinical trials." ●

Reaching Across North Carolina

continued from page 1

Two years of developmental work in partnership with community members, beauty industry representatives and health professionals spurred Linnan and colleagues to develop BEAUTY, a four-year study of African American women, based in beauty salons throughout North Carolina. The study tests several ways of sharing information to promote health and reduce the risk of cancer with African American women when they visit beauty salons.

The BEAUTY team has enrolled in the program a remarkable 62 salons within 75 miles of Chapel Hill. Salon owners in turn are recruiting at least 55 customers to participate in the program, so that nearly 3,000 African American women will be enrolled in the study.

Salons are an excellent place to promote health because women frequent them regularly, and salons are places where all types of information are discussed, including health information. Pilot work completed as part of the project found that nearly 25 percent of salon conversations centered on health and that stylists were enthusiastic about promoting health by talking with their clients.

The program relies on cosmetologists to successfully promote a variety of health issues after attending specialized training workshops to get the facts about cancer prevention. "Stylists are natural helpers," Linnan says. "They already have a trusted relationship and regular meeting times with their customers. They care about their customers and want them to be healthy. By building on their existing skills and providing them with the key messages, our pilot evidence suggests that stylists help promote positive health changes in their customers."

She continued, "We know that beauty salons are located in all communities, and that women have a powerful influence on the health of their spouses, children, friends and members of their church. This influence can have lasting effects on the health of a community."

The BEAUTY team includes an active advisory board including salon owners and stylists, local health professionals, representatives of the Cancer Information Service and UNC researchers with expertise in health education, nutrition, anthropology, physical activity, biostatistics and health economics.

Share Thoughts on Care

Share Thoughts on Care (STC) investigates the impact of cancer care on outcomes in 1,000 colon and rectal cancer patients in a 22-county region of North Carolina. It is one of only six such studies in the U.S. funded by the National Cancer Institute under a special initiative that focuses on colorectal and lung cancers as a means to understand the quality of cancer care.

According to the American Cancer Society, an estimated 147,000 people in the United States will be diagnosed with colorectal cancer in 2003 and an estimated 172,000 people will be diagnosed with lung cancer.

STC is designed to address how colorectal and lung cancer patients, healthcare providers and health systems affect the services that cancer patients receive. The study puts special emphasis on the relationship between treatment and outcome. Researchers will collect information about the care the patients receive during different stages of illness, as well as various outcomes.

Robert Sandler, professor of medicine and epidemiology and director of the Center for Gastro-



(Left to right): Dr. Robert Sandler, and research associates Kathy Gunn and Katey Rescigno review call data for Share Thoughts on Care.

intestinal Biology and Disease, leads the STC study at UNC Lineberger. "The study will benefit North Carolinians and other Americans because it will help us understand how the care provided to cancer patients influences outcomes," he said. "The information that we have about current treatments largely comes from randomized trials that are offered to a highly select group of individuals. STC will include people who are often under-represented in these trials—specifically the elderly and minorities—and it will evaluate care provided at a range of hospitals, not only hospitals that specialize in cancer treatment."

North Carolina Memorial Hospital is one of 14 hospitals, managed care organizations and research organizations across the United States participating in Share Thoughts on Care. Eleven Veterans Administration Medical Centers also participate in the project. The study sites will enroll a total of 10,000 patients—half with newly diagnosed lung cancer and half with newly diagnosed colorectal cancer.

CHANCE: Carolina Head and Neck Cancer Study

In 2003 there are expected to be 37,200 new cases of cancer of the head and neck (oral, pharyngeal and laryngeal cancer) in the United States. Survival is notably poorer among African Americans compared to whites. For African American males with oral cancer, the five-year survival rate is near 30 percent compared to about 60 percent among whites. This is one of the largest disparities in survival from any cancer.

Directed by Andy Olshan, professor of epidemiology, UNC Lineberger's leader of cancer epidemiology and research professor of otolaryngology, CHANCE will study the interaction between a person's genes and environmental exposures in the cause of head and neck cancer; specifically it will track the relationship between variations (polymorphisms) of genes that, in combination with exposure to tobacco and alcohol, modify the risk of head and neck cancer. This will constitute the largest population-based molecular epidemiology study of head and neck cancer ever conducted in the United States. A follow-on study will investigate factors that affect survivorship.

"We contact patients after treatment to collect new data on changes in lifestyle, medical and treatment history, and factors related to access to health care," Olshan explains. In the future, information from the 1,700 CHANCE patients in 45 North Carolina counties may be used to examine the relationships among the baseline interview data (tobacco and alcohol use history, diet, etc.), inherited genetic markers, tumor markers, clinical factors, treatment, occurrence of new tumors and survival.

"This would be a unique opportunity to examine an array of clinical and non-clinical predictors of survival using a well-characterized, population-based cohort," Olshan notes. "The findings could



Dr. Andy Olshan shows counties participating in the CHANCE project.

help refine models used by clinicians to make treatment decisions and monitor patients."

These studies are just three of the population-based projects undertaken by UNC Lineberger researchers. "UNC has been one of the nation's leaders not only in understanding the basic science of cancer but in understanding how cancer affects the health of populations," Rimer said. This information is critical to developing more effective strategies to control cancer.

"We look forward to continuing this research tradition, with an eye on the ultimate goal of making this a state and nation where fewer people get and die of cancer," she concluded. ●



Welcome!

Wendy Hauswirth (left) is the new Assistant Director of Development for the UNC Lineberger Office of External Affairs. Wendy comes to UNC from the Columbus Academy in Gahanna, Ohio, where she served as director of annual giving. She previously served as development officer for the Central Ohio Breathing Association.

Bobbi Marks (right) has joined the UNC Lineberger Comprehensive Cancer Center and the UNC Health System as the Clinical Administrative Director of Oncology Services. Bobbi was the Senior Director for the Oncology Service Line at Evanston Northwestern Healthcare and Clinical Director of the Kellogg Cancer Care Centers in Chicago. She holds degrees in nursing and management and is a certified oncology nurse as well as a diplomat in the American College of Healthcare Executives.

Profile

people, not well people,” he notes. “And who needs a doctor more than someone with cancer?”

He is a member of and clinical investigator with three

For most of us, a bee sting is an annoyance. For Richard Goldberg, the new Associate Director for Clinical Research at UNC Lineberger Comprehensive Cancer Center, it was a defining moment.

“As a child I was allergic to bee stings,” Goldberg recalls. “I was in a ditch catching grasshoppers and the next thing I knew there was a surgeon standing over me giving me a shot.”

Young Goldberg had stumbled into a nest of bees and been stung several times.

“It was a life-changing event—I knew then I wanted to be a doctor.”

The Road to Carolina

Goldberg pursued science through high school and then earned his bachelor’s degree in biology (cum laude) from Harvard University and his medical degree from Upstate Medical Center in Syracuse, New York. He completed his internship and residency in internal medicine at Emory University Hospitals where he met his wife Linda who has an MBA and is the mother of their two children Sam and Julia. A fellowship training in medical oncology at the Vincent T. Lombardi Cancer Research Center at Georgetown University was followed by an academic career in which Goldberg went on to chair the Mayo Clinic Cancer Center’s Gastrointestinal Cancer Research program.

“As an internist, I was trained to take care of sick

national clinical trials cooperative groups—Cancer and Acute Leukemia Group B, National Surgical Adjuvant Breast and Bowel Program and the North Central Cancer Treatment Group (NCCTG). He is chair of NCCTG’s data monitoring and has served in several leadership roles and as GI Cancer coordinator.

A Team Approach

Goldberg was drawn to UNC by Dr. Joel Tepper, head of radiation oncology at the UNC School of Medicine and a Lineberger member.

“Joel is an internationally known expert in gastrointestinal cancers,” Goldberg says. “The opportunity to collaborate with him and other top-notch surgical oncologists was a natural way to extend my Mayo research.”

Lineberger’s team approach appealed to Goldberg, who also serves as director of Oncology Services for UNC Health Care and division chief for Hematology-Oncology. “It’s a very collegial group here—friendly people who support each other,” he says.

Patience and Patients

When he’s not in the office or the clinic, Goldberg enjoys fly-fishing with his son Sam.

“Fly-fishing is a rich experience,” he says. “You have to read the current and understand the larger



environment. It’s like focusing on the foreground and the background at the same time. And you can never be satisfied with the status quo because things are constantly changing in nature.”

It’s similar to cancer research, he says. “It’s a good way to solve cancer-related issues—looking at the patients and their environments and determining courses of action that involve both. You fight the cancer while letting the person live a satisfying life,” he concludes. “You do the best you can for patients, even when you know the cancer’s going to win.” ●

Briefs

together,” he said.

With the new treatment, patients first undergo surgery to remove as much of the tumor as possible. Then doctors insert a balloon catheter filled with a radioactive liquid into the tumor area. For the next three to seven days, the

catheter delivers radiation to the tissue surrounding the cavity. This is important, Ewend said, because 80 percent of tumors reappear within two centimeters of the original tumor location. Doctors then remove the catheter and put chemotherapy wafers into the cavity. The wafers are absorbed in about three weeks, and the patient then begins oral chemotherapy four to six weeks after surgery.

The new treatment takes about half as long as traditional treatments. It also may reduce side effects associated with radiation and chemotherapy because the treatment is administered directly to the original tumor site—an important feature of the new treatment, Ewend said.

Using lasers, biologists succeed in getting cells to change course

Using a beam of laser light only a few microns in diameter, UNC Lineberger scientists have succeeded for the first time in getting such light to alter the course of a moving cell. They have accomplished that by having the laser create active proteins from what are called “caged” proteins that they introduced into the cell.

“We literally built a cage around a specific protein and studied it inside single cells; caging made the proteins less active,” said Dr. Kenneth A. Jacobson, professor of cell and developmental biology and member of UNC Lineberger’s cancer cell biology program. “Then we directed a laser beam into specific parts of the cell to break the bonds holding the cage in place; this activated the protein. Depending on where we shined the laser light, activating the protein made the cell turn by as much as 90 degrees.”

“We think this opens a lot of possibilities for learning what many signaling molecules do inside cells,” said Partha Roy, a postdoctoral fellow soon to join the research faculty. “If you can understand the behavior of proteins inside cells that control cell motion, you can test for new drugs that stimulate, for example, formation of new blood vessels in the treatment of coronary artery disease where you might want to speed up cell movement. On the other hand, you want to stop movement of cancer cells breaking away from the initial tumor.”

American Indian Breast Health Survey—first of its kind—is now being distributed statewide

American Indian women statewide over the age of 40 can participate in the N.C. American Indian Breast Health Survey, the first population-based survey of its kind.

“A survey like this has never been done before among American Indian women,” said Dr. Bonnie Yankaskas, professor of radiology and UNC Line-

New brain tumor treatment may reduce time in therapy, side effects

UNC Lineberger physicians are studying a new brain tumor treatment that could reduce both a patient’s time in therapy and the side effects from radiation and chemotherapy.

The three-step treatment for gliomas, a type of malignant brain tumor, combines for the first time surgery, radiation and chemotherapy in localized areas of the brain. The treatment was developed by Dr. Matthew G. Ewend, chief of neuro-oncology, associate professor of and leader of UNC Lineberger’s neuro-oncology program; and Dr. Lav K. Goyal, assistant professor of radiation oncology and UNC Lineberger member. The treatment’s aim is to improve quality of life by reducing treatment time and returning patients to their daily routines while providing the most aggressive glioma therapy available, Ewend said.

“The new treatment is exciting because it concentrates a majority of the therapy right where the tumor often recurs. We have used localized radiation and localized chemotherapy independently before, but this is the first time they’ll be used

Sole Sisters: Healthy Exercise for A Great Race

For Susan Palmer, nothing—even a badly sprained ankle—was going to keep her from walking in the Race for the Cure last June.

“I was on crutches for 10 days,” she recalls. “I never worried about the ankle. I just worried about finishing the race. I could not run but I did walk and I did finish.”

Palmer was one of 74 people participating in *Sole Sisters III*, a program sponsored by UNC Lineberger to provide education, motivation and sup-

port to sedentary women to begin a moderate to vigorous exercise program. The program also works to modify common obstacles for women beginning an exercise program, promote maintenance of a life-long exercise program and raise awareness for breast cancer prevention, screening and research.

Judy Swasey, a UNC Breast Center nurse practitioner and dedicated runner, came up with the idea to stimulate women to exercise three years ago and has coordinated the program ever since.

“I feel strongly that health-care professionals have an obligation to be role models for their patients and I think this is particularly true for nurse practitioners whose role focuses on education, prevention and health promotion,” she says.

The short-term goal for the group is to participate in the Race for the Cure. The long-term goal is life-long exercise. This is especially important in North Carolina, whose population ranks among the nation’s most sedentary and obese.

Now in its third year, Sole Sisters meets for 12 weeks, offering participants a structured exercise environment.

About 70 to 80 percent of

enrollees actually run the race and continue to maintain their exercise program after six months. Participants come from Chapel Hill, Durham, Apex, Raleigh, Mebane and Hillsborough.

The structured approach appealed to Palmer, a breast cancer survivor receiving treatment at Lineberger. “I had been active in competitive sports through college,” she explains. “I had exercised through the years but not as diligently as I could have. Meeting weekly with a recommended schedule of exercise between our sessions helped put me back on a regular schedule.”

The Benefits of Exercise

“Exercise tends to increase positive mood in everyone,” notes Marci Campbell, associate professor and Lineberger’s cancer prevention and control program leader. “It helps with weight control and helps prevent other conditions such as diabetes, muscle and joint problems, and high blood pressure. Exercise also has benefits for cancer patients—reducing fatigue and depression.”

Exercise also appears to be protective against colon and breast cancer. “Regular moderate-vigorous exercise—brisk walking for 30 minutes most days of the week—is sufficient,” Campbell says. More than 30 studies show that women who exercise at moderate to vigorous levels a minimum of three hours per week can reduce their risk of developing breast cancer by 30 to 40 percent. “At Lineberger we always try to combine a common sense approach with research to make sure they work and to determine how best to disseminate ‘best practices,’” Campbell says.

Campbell runs *NC STRIDES* (Strategies to Improve Diet, Exercise and Screening), a study of



Left photo: Coach Judy Swasey (center, in white cap and whistle around her neck). Top photo: Susan Palmer (left) with fellow Sole Sister Suzi Waters.

about 800 people in 33 North Carolina counties. Approximately one-third of the participants are colon cancer survivors. The study evaluates whether tailored health messages and motivational telephone calls can help older adults improve behaviors. “We then hope to see whether getting more exercise is associated with better physical and psychological health outcomes,” she adds.

The benefits of programs like Sole Sisters and NC Strides go far beyond exercise. “I plan to do it every year,” Palmer says. “Race day was fun and very moving. I was proud to be a survivor and on the UNC team. I will always remember hearing my name called out and being identified with the UNC team—the biggest team that day—when I crossed the line. I could hear and see many of the Sole Sisters cheering for me.” ●

berger member. “Its purpose is to gather information for North Carolina American Indian tribes and associations on the practice and attitudes among women about mammography use and information on risk factors for breast cancer.”

Funded by the National Cancer Institute, the survey is being conducted by researchers at the University of North Carolina at Chapel Hill in partnership with the N.C. Commission on Indian Affairs. The study will survey women of the Waccamaw-Siouan, Coharie, Lumbee, Occaneechi and other tribes.

The Comprehensive Minority Biomedical Branch of the National Cancer Institute granted funds to two American Indian graduate students in the Department of Epidemiology at UNC’s School of Public Health: Jada Locklear (Lumbee) and Ursula Tsosie (Navajo). The students are working with Yankaskas at the Carolina Mammography Registry in the Department of Radiology.

Along with demographic information, the survey will ask for screening history, attitudes towards screening and presence of breast cancer risk factors. “There are no data on use of mammography by American Indian women in North Carolina,” said Yankaskas. Funds for education and services to serve these women could result from having such information, she added.

“We will also be able to shed light on the incidence of breast cancer among these women, something we do not have accurate data for as a result of the lack of identification of Indian women as American Indian on cancer reports.” ●



Distinguished Service Award

Board of Visitors’ member Mary Gornito of Wilmington received the 2003 Distinguished Service Award for her leadership as Board chair and dedicated service to the UNC Lineberger Center.

Gifts to the

This list includes gifts and pledge payments to the UNC Lineberger Comprehensive Cancer Center between July 1, 2002 and June 30, 2003. This list does not include the many generous pledges that have been received. We have made every effort to ensure that this list is accurate. If you find an error, please contact us at (919) 966-5905 or by email at debbie_dibbert@unc.edu.

Director's Club \$5,000+

Mr. and Mrs. Douglas E. Anderson
Mrs. Elaine T. and Mr. Robert A. Baillie
Mr. and Mrs. Robert E. Barnhill, Jr.
Big Rock Blue Marlin Tournament
The Nicholas Bunn Boddie, Sr. & Lucy Mayo Boddie Foundation
Boddie-Noell Enterprises
The Breast Cancer Research Foundation
The CCB Foundation
Cable & Wireless Matching Gift Program
Chapel Hill Breast Cancer Research Foundation
Mr. and Mrs. William G. Clark III
Clinical Insights
Mr. and Mrs. Herman Cone III
Estate of Mr. Robert L. Davis III
Delta Delta Delta
The Dickson Foundation
Mr. and Mrs. Christopher R. Elliott
A. E. Finley Foundation, Inc.
Foundation for the Carolinas
The Betty and Clarence Griffin, Jr. Endowment
Mrs. Rochelle T. Grubb
Mia Hamm Foundation
Mrs. Alice L. Harney
Mr. and Mrs. Lee A. Henningsen
Mr. Fenton Hord
The Hudson Foundation
IBM
Mr. Robert L. Jones
Larrimore Organization
Mrs. Elisabeth Lineberger and Dr. Peter Lyon
Mr. and Mrs. Joseph W. Lineberger
Mr. and Mrs. Joseph A. Lughes
Mr. and Mrs. Ronald B. McNeill

Ortho Biotech, Inc.
Ms. Caroline M. Punte
Mr. and Mrs. Sol Schechter
Mr. and Mrs. Cecil Sewell
Dr. and Mrs. Theoren P. Smith III
Mr. and Mrs. Verner E. Stanley, Jr.
Estate of Merilene S. Stewart
Stock Building Supply
Mr. and Mrs. James R. Strickland, Jr.
The Titmus Foundation, Inc.
Triangle Community Foundation, Inc.
Philip L. Van Every Foundation
Mr. and Mrs. Van L. Weatherspoon
Mr. and Mrs. S. Montgomery White, Jr.
Mr. and Mrs. Charles M. Winston, Sr.
Zeta Tau Alpha Foundation, Inc.

Lineberger Club \$1,000 to \$4,999

Dr. and Mrs. William B. Abernethy, Jr.
Anonymous
Mrs. Florence B. Ansley
Dr. and Mrs. Gerald W. Arney
Mr. and Mrs. William P. Aycock II
Mr. R. E. L. Barnes
Mr. Thomas M. Barnhardt III
Mr. and Mrs. F. James Becher
The Becker Builders Supply Co.
Mr. and Mrs. Victor E. Bell III
Bell Family Foundation
Mr. Daniel Berenson
Ms. Eleanor M. Best
Mr. Bruce A. Biggs
Mr. William F. Black
Mr. and Mrs. George S. Blackwelder, Jr.
Ms. Joan P. Boone
Mr. and Mrs. Douglas W. Booth
Mr. and Mrs. M. S. Brick Brown III
Mr. and Mrs. Harry M. Bryant, Jr.
Jacob Burns Foundation, Inc.
Mrs. Mary J. Carey

Carolina Athletic Association
Carolina Cancer Focus
Mr. and Mrs. Joseph M. Carstarphen
Carstarphen Family Foundation, Inc.
Carter Foundation, Inc.
Mr. and Mrs. Marvin J. Carver III
Mr. and Mrs. George H. V. Cecil
Centura Bank
Mr. and Mrs. James Webb Cheshire
Mr. and Mrs. Paul L. Chused
Mr. and Mrs. Arthur W. Clark
Mr. and Mrs. James E. Clement, Jr.
Mrs. Jane L. Cochrane
Community Foundation of Gaston County, Inc.
Mr. and Mrs. Howard B. Cone
Crawford-Norwood Company
Mr. and Mrs. Neill A. Currie
Mr. and Mrs. Donald W. Curtis
The Curtis Foundation Inc
Ms. Holly J. D'Addurno
Daiichi Pharmaceutical Corporation
Mr. and Mrs. William G. Daughtridge, Jr.
Mr. and Mrs. R. P. Stephen Davis
Mr. Arthur S. DeBerry
Mr. and Mrs. John H. DeCarlo
Mrs. Virginia Pou Doughton
Dowd Foundation, Inc.
Mrs. Nancy S. Dowdy
Mr. and Mrs. Sanford Doxey, Jr.
Duke Energy Foundation
Drs. H. Shelton Earp III and Jo Anne L. Earp
Environmental Specialties, Inc. Etc., Inc.
Mr. and Mrs. J. Edward Faulkner, Jr.
Mr. and Mrs. Purvis J. Ferree, Jr.
Mr. and Mrs. Edward S. Finley, Jr.
Mr. and Mrs. Robert W. Foster
Mr. M. Lee Garrison
Grady-White Boats, Inc.
Mr. and Mrs. S. Page Graham

Mr. and Mrs. Robert J. Greczyn, Jr.
Mrs. Ida B. Green
Mr. and Mrs. Joseph W. Grier, Jr.
M. Haley Foundation, Inc.
Mr. and Mrs. Walter V. Hall
Mr. and Mrs. Lawrence W. Harris
Mr. and Mrs. Cecil W. Harrison, Jr.
Ms. Anna R. Hayes
Mr. James T. Hedrick, Sr.

Dr. and Mrs. William W. McLendon
Mr. and Mrs. Thomas D. Mincher
Mr. and Mrs. Benjamin E. Moore, Jr.
Mr. and Mrs. George M. Moorefield II
Mr. and Mrs. William C. Munson, Jr.

Mr. and Mrs. James L. Stuart
Sullivan Foundation
Sun Trust Bank
Mr. and Mrs. William H. Taft, Jr.
Dr. and Mrs. Luther M. Talbert
Tandy Corporation
Mr. and Mrs. John A. Taylor
Mr. Theodore W. Thompson
Toleo Foundation



Big Rock Blue Marlin. The Big Rock Blue Marlin Festival donated \$25,000 to UNC Lineberger in memory of Dale Ward, Festival weigh master: \$10,000 for the Thoracic Oncology Program and \$15,000 for the Cancer Genetics Program. (Left to right): Ben Moore, UNC Lineberger Board member; Lynn Ward, widow of Dale Ward; Sue Moore, UNC Lineberger Board member and vice chair for communications; Dr. Patricia Rivera, UNC Lineberger physician with the Thoracic Oncology Program; and her husband Dr. Ben Calvo, UNC Lineberger physician with the GI Oncology Program. Since 1991 the Festival has donated close to \$140,000 to UNC Lineberger.

Mr. and Mrs. James E. Heins
Mr. William S. Henry
Mr. and Mrs. Lawrence J. Hertzberg
Mrs. Adelaide F. Holderness
Ms. Margaret H. Hood
Mr. and Mrs. Thomas W. Hudson, Jr.
Mr. and Mrs. John C. Huffard
Edwin Hunter & Associates, Inc.
Dr. Samuel G. Jenkins, Jr.
Mr. and Mrs. J. M. Jenrette, Jr.
John and Carolyn Maness Foundation
Mr. and Mrs. Earl Johnson
Ms. Evelyn M. Jordan*
Ms. Patricia B. Jordan
Dr. and Mrs. Richard S. Jordan
Dr. and Mrs. William S. Jordan, Jr.
Mr. William T. Joyner, Jr.
Mrs. Missy Julian-Fox and Mr. Michael E. Fox
Mr. and Mrs. Clarence H. Keller
Mr. Robert V. Knight, Jr.
Mr. and Mrs. James A. Kofalt
Mr. and Mrs. Alexander Kosma
Ms. Shirley N. Lathrop
Lee-Moore Oil Company
Mr. Peter J. Long
Mr. and Mrs. Henry E. Longley
Mr. Richard B. Lupton
Mrs. Betty H. Marsh
Mr. and Mrs. James H. Martin, Jr.
Mr. and Mrs. Robert E. Mason III
Mr. and Mrs. Henry H. Massey, Jr.
The B. Frank Matthews II Fund
Mr. and Mrs. J. Louis Maxwell, Jr.
Mr. and Mrs. Roland P. McClamroch, Jr.
Dr. and Mrs. Hamilton W. McKay, Jr.

Mr. and Mrs. Charles S. Norwood, Jr.
Dr. and Mrs. Michael S. O'Malley
Dr. Joseph S. Pagano
Mr. and Mrs. William H. Page
Mr. John W. Peddycord
Mr. and Mrs. Hugh P. Perry
Mr. and Mrs. H. H. Philips, Jr.
Phillip Morris
Mr. and Mrs. William Parker Pope
Mr.* and Mrs. Allen W. Post, Jr.
Mr. and Mrs. E. K. Powe
Mr. and Mrs. L. Richardson Preyer, Jr.
Dr. and Mrs. William G. Quarles
Mr. and Mrs. W. Trent Ragland
W. Trent Ragland, Jr. Family Foundation
Mr. and Mrs. Walter D. Ramberg
Mr. William G. Rand
O. H. Rankin Foundation
Mr. and Mrs. Reed P. Rice
Dr. Barbara Rimer and Mr. Bernard Glassman, Jr.
Mr. and Mrs. William T. Roberts, Jr.
Mr. and Mrs. Phil Rominger
Dr. and Mrs. Seth A. Rudnick
Salisbury Community Foundation, Inc.
Mr. and Mrs. Bennett B. Sapp
Mr. and Mrs. James B. Sessoms
Dr. Robert E. Sevier
Mr. and Mrs. Edward A. Shenkman
Mr. and Mrs. John M. Silverstein
Dr. Cyril O. Spann, Jr.
Mr. Edwin M. Speas and Ms. Debra W. Stewart
Sprint Foundation
Mr. and Mrs. John B. Stedman

Tomar Foundation Inc.
Mr. and Mrs. Lawrence A. Tomlinson, Jr.
Triangle United Way
Urological Sciences Research Foundation
Mr. and Mrs. Stuart F. Vaughn
Wachovia Bank of North Carolina, N.A.
Mr. and Mrs. Charles L. Weill, Jr.
Mr. and Mrs. Edward I. Weisiger
Mr. and Mrs. James G. Whitton
Mr. and Mrs. James R. Williams
Mr. and Mrs. T. Murray Williamson
Mr. and Mrs. B. R. Williamson
Wilson Foundation
Mrs. Edwina D. Woodbury and Mr. Dennis M. McGill
Mrs. Marion G. Wren
Wren Foundation Inc.
Dr. and Mrs. James D. Yopp, Jr.
Mr. and Mrs. Robert L. Zucker

Patrons \$500-\$999

Mr. David Adkins
Artisan Irrigation, Inc.
AT&T
Mr. and Mrs. F. G. Awalt, Jr.
Mr. Lou U. Blackman
Mr. and Mrs. Charles N. Briley
Mr. and Mrs. Jerry Buchanan
Mr. Samuel M. Byrd
Mr. and Mrs. A. Leon Capel, Jr.
Mr. and Mrs. James B. Carlisle
The Carolina Club
Mrs. Betsy I. Chamberlin
Coastline Federal Credit Union
The Coca Cola Company
Mrs. Phyllis Cowell
M. G. Crandall and Affiliates
Mr. and Mrs. Douglas S. Dibbert



Pillows. Mrs. Ulla Blab of Elon made decorative pillows for pediatric cancer patients at the UNC Lineberger Comprehensive Cancer Center. The handstitched pillows feature felt pictures of animals, flowers, insects, fantasy characters and suns and moons. Shown here lounging among the pillows are (left to right, front row): Mr. Rainbow the Clown, a frequent pediatric oncology volunteer; Shaquesha Smith from Raleigh; David Scoville from Chapel Hill. Mrs. Ulla Blab (seated).

Center 02-03

Mrs. Roberta G. Dillenburg
 Ms. Jane L. Fouraker
 Mr. and Mrs. Gene Gallagher
 Mr. Dale Goldman
 Mr. and Mrs. George D. Gormto
 Mr. and Mrs. Isaac B. Grainger, Jr.
 Mr. and Mrs. Lawton D. Gresham
 Mr. and Mrs. C. Rush Hamrick, Jr.
 Mrs. Marian H. Hicks
 Mrs. Anne G. Hill
 Ms. Susan Hogan and
 Mr. Dominic Moore
 Hughes Network Systems
 Ms. K. E. Jefferson
 Mr. and Mrs. Raymond E. Jernigan
 Mr. and Mrs. Frederick G. Kilgour
 Mr. and Mrs. Arnold Lakey
 Mr. and Ms. Kenneth B. Lee
 Mrs. Dorothy McGehee
 Merck Company
 Merrill Lynch
 Mr. and Mrs. John F. Mitchell
 Northwestern Mutual Life Insurance
 Ms. Susan N. Palmer
 Honorable Sarah E. Parker
 Pearson Education Publishing Company
 Ms. Mary D. Price

Mrs. Patricia A. Uzzle
 Dr. and Mrs. George C. Venters
 Mr. and Mrs. Jack T. Wright
 WRS Group, Ltd
Sponsors \$250- \$499
 Mr. and Mrs. Roger W. Ackerman
 Mr. and Mrs. J. Michael Adair
 Aetna Life & Casualty
 Mr. Dwight W. Anderson
 Mr. and Mrs. Zack H. Bacon, Jr.
 Mr. and Mrs. Samuel L. Booke, Jr.
 Mr. and Mrs. Stephen L. Boyd
 Mr. John S. Bunting
 Mr. and Mrs. George Watts Carr III
 Mr. and Mrs. J.D. Cartwright
 Chapel Hill Tennis Club
 Mr. Paul M. Cottone
 Ms. Beth Vereeke Crawford
 Mr. and Mrs. Gordon H. Davis
 Mr. and Mrs. Olen C. Easter
 Mr. and Mrs. W. Eugene Edwards
 Mr. and Mrs. Patrick D. Engel
 Ernst & Young Foundation
 Mr. and Mrs. G. Marlin Evans
 Mr. Nadi Findikli
 Forsyth Country Day School
 Mr. Alex Galloway, Jr.
 Dr. and Mrs. Steven E. Goodell

Mr. and Mrs. Victor B. Moore
 Ms. Fran M. Nagel
 Mrs. Margaret M. O'Brien
 Ms. Elizabeth G. Palmer
 Phi Beta Lambda, Inc.
 Mr. and Mrs. J. Dickson Phillips
 Ms. Joan M. Pickett
 Mr. E. J. Pope, Jr.
 PPG Industries
 Mr. and Mrs. Marlyn M. Ranck
 Ms. Sally W. Slack
 Dr. and Mrs. Alton L. Smith, Jr.
 Dr. John Sninsky
 Ms. Ann Lewallen Spencer
 Ms. Helene W. Thompson
 Mr. and Mrs. R. Bruce Thompson II
 United Way of Tri-State
 Ms. Susan J. Voskuil
 Mr. and Mrs. Joseph R. Westmoreland II
 Dr. and Mrs. Richard V. Wolfenden

Friends \$100-\$249

ADSI Moving Systems
 Mr. and Mrs. William D. Alfano
 Mr. and Mrs. John G. Alley
 Mr. and Mrs. Jonathan Ames



Lineberger Club. Speaker for the 2003 Lineberger Club brunch was (left to right) Vicky Ward of Chadbourn, NC, shown with her daughter Micaela and two Great White Pyrenees, cousins of the one she was given by her physician—UNC Lineberger pediatric oncology program member Dr. Stuart Gold (center).



Chapel Hill Tennis Club. The Chapel Hill Tennis Club raised \$4,230 for the Thoracic Oncology Program at UNC Lineberger. 72 members and guests competed on eight teams, and 33 businesses from Carrboro and Chapel Hill donated items for the silent auction. Front row (left to right): Jane Hamborsky, club manager; Dr. Joseph Pagano, UNC Lineberger director emeritus; Laura Herman, assistant tennis director; Paul Gemborys, tennis pro. Back row (left to right): Rich Preyer, UNC Lineberger Board member; Bob Boyce, founding CHTC member; Michal Zaluski, tennis director.

Prudential Securities
 Ms. Jennifer A. Rasmussen
 Ms. Tula C. Robbins
 Mr. W. Glenn Robbins
 The Ralph S. Robinson Family Foundation
 Mrs. Nancy H. Saitta
 Mr. and Mrs. Benjamin F. Seagle III
 Mr. and Mrs. William A. Simpson
 Mr. John H. Small
 The Edward C. Smith, Jr. & Christopher B. Smith Foundation, Inc.
 Mrs. Mary E. Starling
 Mr. and Mrs. Norman V. Stockton III
 Mr. and Mrs. Thomas I. Storrs
 Dr. and Mrs. Joshua Tayloe
 Mr.* and Mrs. Granville L. Uzzle

Mr. and Mrs. Thomas B. Grainger
 Mr. Eugene W. Hackney
 Ms. Jane Hamborsky
 Mr. and Mrs. Wade H. Hargrove
 Ms. Jo E. Heiss
 Ms. Joan Hill
 Mr. and Mrs. George W. House
 Mr. and Mrs. Charles J. Hudock, Jr.
 Ms. Kirsten A.D.L. Hungate
 Mr. and Mrs. George D. Johnson, Jr.
 Mr. and Mrs. Fred C. Jones
 Jordan High School Swim/Dive Booster Club
 Ms. Mary Kroncke
 Dr. Jan Kylstra and
 Dr. Etta Pisano
 Mr. Robert P. MacKenzie III
 Mr. William L. Mitchell III

Ms. Bettina Bridges Andersen
 Mr. and Mrs. James H. Anderson
 Dr. Dean G. Assimos
 Mr. William B. Aycock
 B&J Custom Printing
 Mr. and Mrs. Herbert S. Bailey, Jr.
 Mr. and Mrs. Charles R. Baker
 Ms. Roslyn H. Balbirer
 Dr. and Mrs. Raymond C. Ball, Jr.
 Mrs. Gracia C. Barry
 Mr. and Mrs. Jacob M. Bass
 Mr. James D. Bass
 Mr. and Mrs. Durward F. Bateman
 Mr. and Mrs. William J. Bateman, Jr.
 Mr. and Mrs. Bill Baucom
 Mr. and Mrs. David D. Beischer
 Mr. and Mrs. Thomas M. Belk

Drs. Danilo R. and Imelda Bernardo
 Dr. and Mrs. William Bevan
 Big Bad Wolf Fishing Team
 Mr. and Mrs. William L. Bingham
 Mr. and Mrs. Michael W. Boddie
 Mrs. Mary M. Bode
 Mr. and Mrs. Ralph P. Bohn
 Ms. Laura E. Boice
 Bonded Distribution, Inc.
 Mr. and Mrs. Stuart Bondurant, Jr.
 Mr. and Mrs. Douglas H. Boone
 Mr. and Mrs. Terance N. Boren
 Mr. Thomas M. Bost
 Mr. and Mrs. Lloyd R. Bostian
 Col. William P. Boyd
 Dr. Thomas C. Boykin
 Ms. Mary-Dell Brady
 Mr. and Mrs. F. Lanier Branson
 Mr. John Bratton, Jr.
 Ms. Doris R. Bray
 Mr. and Mrs. George Breslow
 Mr. and Mrs. William A. Bridgers, Jr.
 Mrs. Judith Brinkley
 Mr. and Mrs. Leo Brody
 Dr. and Mrs. David W. Brown
 Ms. Ruby L. Brown

Mr. and Mrs. Howard Brubaker
 Mr. and Mrs. C. I. Bryan
 Mr. J. W. Buchanan
 Mr. and Mrs. David M. Callahan
 Ms. Georgia B. Campion
 Dr. and Mrs. William G. Cance
 Mr. and Mrs. Donald E. Carmichael
 Carolina Sales and Service
 Mr. and Mrs. Hugh E. Carr
 Mrs. Rosalie W. Carr
 Mr. and Mrs. George H. Chadwick
 Ms. Sandra Chandler
 Ms. Glenna Chapin
 Ms. Sue H. Cheek
 Dr. and Mrs. G. Rayburn Cheely
 Mr. and Mrs. William R. Cherry, Jr.
 Chevron Matching Grants Program
 Mr. William M. Christian, Jr.
 Mr. and Mrs. David S. Clark
 Mr. Julian J. Clark, Jr.
 Mr. and Mrs. Marshall E. Clements
 Mr. and Mrs. Ben Clifton
 Mr. and Mrs. Philip T. Clover
 Mr. and Mrs. Laurence A. Cobb
 Ms. Elizabeth Winter Cohen

Mr. and Mrs. John Trevor Colvin
 Mr. and Mrs. Roy W. Cook
 Mrs. H. Lucille Cooke
 Mrs. Ivie Cooper
 Mr. and Mrs. John R. Copeland
 Mr. and Mrs. Glenn D. Corley
 Mr. and Mrs. William H. Come
 Dr. and Mrs. Thomas P. Cornwall
 Mr. and Mrs. Timothy W. Corrigan
 Mrs. Lisa Crawley
 Mr. and Mrs. Jack L. Cronewett
 Ms. Lucille L. Culpepper
 Cumberland Community Foundation, Inc.
 Mr. and Mrs. W.R. Cuthbertson, Jr.
 Mr. and Mrs. Charles O. Dalton
 Mr. and Mrs. H. G. Dameron
 Mrs. Dollie H. Davenport
 Mr. and Mrs. M. Hollon Davenport
 Ms. Faye Davis
 Mr. and Mrs. I. Ridgeway Davis
 Mr. and Mrs. J.D. Davis
 Mr. and Mrs. Robert J. De Vido
 Mr. and Mrs. Robert F. Dean
 Mr. and Mrs. Clyde J. Deitz
 Ms. Veronica A. Delario
 Mr. and Ms. Daniel W. Desmond



Carolina Cancer Focus. Carolina Cancer Focus, the UNC student organization that raises funds for and awareness of cancer, held their Third Annual 3-on-3 Tournament, raising \$1,300 for UNC Lineberger.

Mr. and Mrs. George J. Dillard
 Mr. and Mrs. William F. Dillenburg
 Ms. Joyce A. Dobson
 Mr. and Mrs. Richard F. Donnan
 Dr. and Mrs. J. Dewey Dorsett, Jr.
 Mr. Barry B. Doyle
 Mr. and Mrs. Ambrose B. Dudley
 Dr. and Mrs. Noel Dunivant
 Mr. and Mrs. J. Wilbert Edgerton
 Mr. David M. Eggleston
 Ms. Jean Elia
 Mr. Thomas F. Ellis
 Mr. and Mrs. Jon E. Engberg
 Ericsson
 Ms. Leslie S. and Mr. Peter W. Estelle
 Ms. Barbara Faulkner
 Mr. J. Kent Fawcett
 Ms. Janncey W. Ferrell
 First Union Corporation
 Ms. Elizabeth M. Foreman
 John Foust Advertising
 Mr. and Mrs. Richard D. Franklin
 Franklin Street Trust
 Mr. and Mrs. William C. Friday
 Mr. and Mrs. W. Erwin Fuller, Jr.
 Mr. and Mrs. Peter J. Gaffney
 Ms. Uma M. Galli
 Mr. and Mrs. Jeffrey M. Gallisdorfer
 Ms. Amy Smith Gandolfo
 Mr. and Mrs. George C. Gasperson, Jr.
 Gate City Pharmacy, Inc.
 Dr. and Mrs. John S. Gaul III
 Dr. and Mrs. Robert M. Gay
 Mr. and Mrs. William D. George, Jr.
 Ms. Susan E. Gibson
 Mr. and Mrs. Sterling Gilliam
 Ms. Inez G. Gilster
 GlaxoSmithKline Foundation
 Mr. Bruce Goldstein
 Goldston's Beach, Inc.
 Mr. David J. Goode
 Ms. Sarah L. Goodman
 Graham Family Foundation
 Dr. and Mrs. James A. Granger
 Mrs. Sophie G. Green
 Mr. and Mrs. S.C. Griffin
 Mr. and Mrs. Robert A. Gross
 Dr. and Mrs. Larry D. Grubb
 Mrs. Doris W. Haisley

Dr. and Mrs. L. Morgan Hale
 Mr. and Mrs. A. B. Hamilton
 Mr. Howard L. Hamrick, Jr.
 Mr. F.W. Hancock IV
 Mr. and Mrs. Jabe V. Hardee
 Chancellor and Mrs. Paul Hardin
 Mr. and Mrs. Robert C. Harriss
 Ms. Carolyn M. Hatley
 Mr. and Mrs. Theodore W. Hayes
 Mr. and Mrs. David Hays
 Mr. and Mrs. Henry D. Haywood
 Mr. William M. Herndon
 Ms. Marion L. Hewitt
 Ms. Edna Higby
 Mr. and Mrs. Thomas B. Hines
 Mr. and Mrs. Stephen Hippenstiel
 Dr. Lara G. Hoggard
 Holland's Methodist Church
 Mr. Nick Hollander
 Mrs. Louise C. Holmes
 Mr. Robert W. Holmgren
 Mr. Dallas Holoman, Jr.
 Mr. W. Clary Holt
 Mr. William H. Hooks
 Mr. and Mrs. Jacob Hord, Jr.
 Ms. Donna C. Howard
 Mr. and Mrs. J. Edwin Hunter
 Mrs. Karen A. Hussey
 Mr. and Mrs. Wayne Hutchins
 Mr. and Mrs. Clinton W. Ingram
 Dr. and Mrs. Lynn D. Ikenberry
 Mr. Martin E. Innes
 Mr. and Mrs. James M. Irvin
 Mr. and Mrs. Bruce Jefferson
 Mr. Denis K. Jefferson
 Mrs. Helenann G. Jefferson
 Johnson & Johnson
 Ms. Amy P. Johnson
 Professor Joseph E. Johnson
 Mr. and Mrs. Randal E. Johnson
 Mr. and Mrs. Troy K. Johnson
 Mr. Thomas W. Jones
 Mr. and Ms. Reid L. Joyner
 Mr. Thomas E. Kabes
 Mrs. W.R. Kelly
 Mr. Glenn E. Ketner, Jr.
 Dr. W.E. Kidd
 Kilpatrick Stockton LLP
 Mr. and Mrs. Robert E. Kirkland, Jr.
 Mr. and Mrs. Gerald C. Kitch
 Mr. Paul A. Kohut
 Mr. and Mrs. David Kolk

Dr. Daniel J. Kolzet
 Mr. Sanford L. Korschun
 Mr. and Mrs. Norman H. Krause
 Dr. and Mrs. Frederick G. Kroncke, Jr.
 Mr. and Mrs. Hans E. Krusa
 Ms. Susan A. Lang
 Lawyers Mutual Liab. Ins. Co. of N.C.
 Mr. and Mrs. Douglas M. Lay
 Mrs. Estell C. Lee
 Mrs. Isabel J. Lehto
 Mrs. Katherine Leinbach
 Mr. and Mrs. Richard Levin
 Mr. Christian Lindqvist
 Mrs. E.H. Sayre Lineberger and Mr. Mike Tribble
 Mr. Pace B. Lineberger
 Mr. and Mrs. Vladimir Litvinenko
 Mr. and Mrs. Edward S. Long
 Ms. Theodora Lovejoy
 Mrs. Mary C. Lovingood
 Mr. and Mrs. Kurt Low
 Lucent Technologies, Inc.
 Mr. and Mrs. T.G. Madison, Jr.
 Mr. and Mrs. Hanson R. Malpass
 Ms. Carolyn C. Maness
 Mr. and Mrs. Donald D. Marple
 Mr. Hank Marsh
 Ms. Victoria L. Martin
 Mr. and Mrs. Sebastian Matilla
 Mr. Richard C. Maxwell
 Mr. Thomas M. Mayfield, Jr.
 Mrs. Betty McCall
 Mr. and Mrs. Robert H. McConville, Jr.
 Mrs. Carol McCormick
 Mr. and Mrs. Russell H. McCormick
 Mr. William H. McCulloch
 Mrs. Elizabeth McGeever
 Mr. and Mrs. Robert H. McInnis
 Mr. and Mrs. Richard McKee
 Dr. Athena McLean
 Mr. and Mrs. D.M. McLelland
 Mrs. Connie M. McManus
 Mr. and Mrs. George McMillan
 Dr. and Mrs. John R. McNulty
 Dr. Darlyne Menscer and Mr. Farnum Gray, Jr.
 Mrs. Lucyle T. Merriwether
 Dr. and Mrs. Francis J. Meyer
 Mr. and Mrs. Bradley E. Miller
 Mr. Henry E. Miller III



Komen Race.

UNC Lineberger had a huge team for this year's NC Triangle Komen Race for the Cure. UNC won the award for the largest corporate team. UNC cancer patient Pam Baker received the North Carolina New Balance Honorary Team Member award. She is shown here with her physician Dr. Mark Graham (top photo, left). UNC patient Jeanmare Holstein shown with her husband (bottom photo), expresses her feelings about UNC (right).



Mr. and Mrs. Mark Milstein
 Mr. and Mrs. Courtney Mitchell, Jr.
 Ms. Elizabeth H. Mitchell
 Mobil
 Mr. J. Edgar Moore
 Mr. and Mrs. Tingley Moore
 Dr. Sarah T. Morrow
 Mr. and Mrs. Thomas A. Morrow
 Mr. Robert P. Mosteller and Dr. S. Elizabeth Gibson
 Capt. and Mrs. Hugh D. Murphree
 Mr. William T. Murray
 Ms. and Cheryl L. Natzmer
 Mr. and Mrs. Robert W. Naylor
 Mr. and Mrs. Sterling Nicholson
 Ms. Merry C. Nishimura
 Mr. and Mrs. Charles D. Nottingham III
 Mr. and Mrs. William E. Nottingham
 Ms. Mary Oliver
 Mr. and Mrs. Ted Oliver
 Mr. Richard J. Osterman
 Ms. Virginia L. Overton

Mr. and Mrs. Gregory D. Owens
 Ms. Janet H. Parham
 Mr. Charles Parton
 Ms. Elizabeth K. Pate
 Ms. Norene Payne
 Mr. and Mrs. John S. Peddycord
 Mr. Jere R. Pelletier
 Mr. and Mrs. Wade H. Penny
 Mr. and Mrs. W.H. Petree
 Mr. and Mrs. Gary Phillips
 Mr. Michael D. Phillips
 Mrs. Grace S. Philpott
 Mr. and Mrs. Hubert J. Philpott
 Mrs. Ruth B. Plyler
 The PMA Insurance Group
 Mr. and Mrs. David P. Popple
 Ms. Harry W. Powell
 Mr. and Mrs. Colin M. Preis
 Mr. Harry Prevette
 Procter & Gamble Company
 Ms. Karen L. Prus
 Mr. and Mrs. William M. Ragland
 Mr. Austin Ragsdale
 Mrs. Ann Page Ransdell
 Mr. and Mrs. Lewis S. Rathbun

Dr. Marjorie S. and Mr. J.M. Read
 Mr. and Mrs. F.R. Remsburg
 R.J. Reynolds
 Dr. C.E. Roberts
 Mr. Michael A. Roberts
 Mr. Malcolm G. Robinson
 Mrs. Lyle G. Ross
 Rossington Architecture
 Mr. and Mrs. George Rountree III
 Mr. and Mrs. James L. Rowe
 Mrs. Elizabeth M. Ruffin
 Mr. and Mrs. Harvey B. Ruffin
 Mr. and Mrs. D.P. Russ, Jr.
 Mr. and Mrs. Larry J. Russell, Jr.
 Mr. Kenneth D. Ryan and Mrs. Jill M. Inman
 Mr. and Mrs. Geron J. Ryden
 Saint-Gobain Corporation
 Mr. and Mrs. Edward D. Salmon
 Sara Lee Corporation
 Mr. Irwin Sawitz
 Dr. and Mrs. Charles J. Sawyer III
 Mr. and Mrs. Braxton Schell
 Mr. and Mrs. Charles M. Shaffer
 Mr. and Mrs. Stephen Shafroth

A Berry Nice Gift

When you think of blueberries, it's usually "pie" or "cobbler" that come to mind. But to UNC women's basketball coach Sylvia Hatchell, it's cancer research. Coach Hatchell, who had a cancer scare in 2000, has given a gift each year to UNC Lineberger, usually matching season tickets sales to UNC women's basketball games. This year, she is giving profits from her blueberry picking patch on her mountain property near Black Mountain.

"This is just a small way to give back and get other people involved with the cancer center," said Coach Hatchell. "Plus, since it is a "pick your own" patch, I figure more berries will be bought if they know the money goes for cancer research."

Blueberries are one of the richest fruits in antioxidants that are believed to help prevent cancer. These antioxidants are even more powerful than Vitamin C. Not only that, studies suggest that blueberries may improve short-term memory.



Center 02-03

More Inside

Mr. and Mrs. Edward G. Siebert
Mrs. Nancy H. Sitterson
Mr. and Mrs. George T. Smith, Jr.
Mr. J. Troy Smith, Jr.
Mr. and Mrs. Kenneth R. Smith, Jr.
Mrs. Mariechen W. Smith
Ms. Regina G. Snyder
Mr. and Mrs. John F. Spencer
Dr. and Mrs. Peter W. Squire
Mrs. Elizabeth Stallings
Ms. Barbara Crawford Stanley
Mr. and Mrs. Guido H. Stempel
Mr. and Mrs. Paul Stessel
Mr. Timothy S. Stevens
Mr. and Mrs. Randall C. Stewart
Mr. and Mrs. Richard E. Stewart
Mr. and Mrs. Warren G. Stone
Structural Systems, Inc.
Mr. and Mrs. Robert K. Stuart
Mr. and Mrs. Thomas R. Suher
Sunburst Farm, Inc.
Mr. and Mrs. Harry W. Sutton
Dr. and Mrs. David T. Tayloe, Sr.
Mr. and Mrs. Thomas F. Taylor
Mr. and Mrs. William W. Taylor, Jr.
Mr. and Mrs. M. Page Teer
Telcordia Technologies

Mr. Joseph S. Tew
Mr. and Mrs. Lewis W. Thompson
Mr. Herbert L. Toms, Jr.
Mr. and Mrs. David Townsend
Mr. and Mrs. C. Heide Trask, Jr.
Tulloss Equipment Co.
Mr. and Mrs. Harvey W. Turnage, Jr.
Mr. Frederick B. Tygart
Mr. Robert Tyndall
UAI Technology, Inc.
Drs. Thomas E. and Denise E. Unterbrink
Mr. Ken Upton
Ms. Carolyn Van Sant
Mr. C. M. Vanstory
Mr. and Mrs. John H. Vaughan
W.P. Butler Trucking
Mr. Bryce Wagoner
Mr. Warren W. Walk
Mr. James E. Wallace
Mr. and Mrs. William S. Ward
Waters Construction Co.
Watson Insurance
Mr. and Mrs. J. Edmund Welch
Ms. Elaine Werner
Mr. and Mrs. Danny L. Weston

Mr. and Mrs. William E. Wheeler
Mr. and Mrs. A. Bartlett White
Ms. Barbara S. White
Ms. Doloretta S. White
Mr. and Mrs. James White
Mr. Raymond P. White, Jr.
Mrs. Emily Wilcox
Mr. and Mrs. Clarence E. Wilkins
Dr. and Mrs. Kenneth W. Wilkins
Mrs. Karen M. Wille
Mr. Christopher B. Williams
Mr. Jesse C. Williams, Jr.
The Winston-Salem Foundation
Dr. and Mrs. Peter J. Wise
Mr. Harry G. Womble
Ms. Elizabeth L. Wright
Mr. and Mrs. Robert T. Wyker
Mrs. Jean L. Wynne
Mr. and Mrs. Edward A. Yahner
Mr. and Mrs. L. Clement Yancey
Mr. and Mrs. Tucker Yates
Mr. J. Hale Yokley
Dr. J. M. Zealy
Mr. and Mrs. David A. Zendels

*Deceased



What Makes Your Heart Sing?

The "What Makes Your Heart Sing?" observance of National Cancer Survivors' Day was held on Sunday, June 6 from 1-5 pm in the lobby of NC Children's Hospital. More than 150 people attended the event.

Special thanks to the Orange County Arts Commission for their grant and to Georgia Collins, a cancer patient whose idea it was to organize the event.

The artists' enthusiastic performances provided inspiration and joy to all those who attended. Performers were: Hollerin' Tony Peacock; gospel artist Mary Williams; Triangle Jewish Chorale; guitarist Robert King; Sweet Adeline Quartet "On a Whim"; old-time band Dixie Crystals; Cane Creek Cloggers; Martin Luther King Children's Choir; poet Ellen Johnston-Hale; Mr. Rainbow the Clown; Whistlin' Arlis Farlow; Rebecca and the Hi-Tones; and vocalist and mistress of ceremonies Waltye Rasulala. Several paintings by Hillsborough artist Oliva Gatewood were displayed before and during the event.

Organizers of the "What Makes Your Heart Sing?" observance of National Cancer Survivors' Day were (*top photo, left to right*): Tina Shaban, coordinator, Cancer Patient/Family Resource Center; Georgia Collins, UNC oncology patient whose idea it was to organize the event; Waltye Rasulala, vocalist and mistress of ceremonies; Dr. Beverly Mitchell, associate director of UNC Lineberger Comprehensive Cancer Center; Mary Cleary, program assistant, Oncology Patient/Family Resource Center. ●

SAS Breast Cancer Walk

Employees of SAS Institute, Inc. held their annual breast cancer walk in June, raising \$8,403 which was then matched dollar for dollar by Ann and Jim Goodnight for a total of \$16,806 contributed to UNC Lineberger for breast cancer research.

Board of Visitors News

We mourn the death of long-time UNC Lineberger Board of Visitor members Jick Garland and Allen W. Post, Jr. Both of these individuals gave significant contributions of time, energy and resources and made a real difference in the fight against cancer.

Welcome to the following new members of the Board of Visitors:

From Chapel Hill:

Anne and John Allen Cates
Mary Anne and Bob Eubanks
Lillian and Howard Lee

From Charlotte:

Rebecca and Bryan Morris

From Greensboro:

Nora and John Swofford

From Hillsborough:

Marilyn and Rich Preyer

From Pinehurst:

Billie Ann and Wayne Peterson

From Raleigh:

Flo and Charlie Winston

From Wilmington:

Carolyn and Ed Burnett

Berryhill Society Members

Individuals who have supported UNC Lineberger through bequests, trusts and other planned giving arrangements are members of the W. Reece Berryhill Society. The Berryhill Society was established by The Medical Foundation of North Carolina to recognize donors who have included the School of Medicine or UNC Hospitals in their estate plans. Dr. Berryhill served as dean of the UNC School of Medicine from 1941 to 1964. We salute these members of The Berryhill Society who help fund cancer research, prevention and care for generations to come.

Anonymous

Mr. and Mrs. James C. Bivens
Mr. and Mrs. Paul L. Chused
Mr. and Mrs. Arthur W. Clark
Mr. Peter Kim Copses
Mr. and Mrs. Albert S. Dillon, Jr.
Mr. James Bufurd Dunn, Jr.
Mr. Milton Lee Garrison
Mr. and Mrs. S. Page Graham

Ms. Katherine P. Graham
Mr. James T. Hedrick, Sr.
Mr. and Mrs. Lee A. Henningsen
Mrs. Virginia E. Hester
Mr. and Mrs. Edwin A. Hubbard
Mrs. Dorothy B. Hubbard
Mr. and Mrs. Joseph W. Lineberger
Mr. and Mrs. George W. Lyles, Jr.
Ms. B. Claire McCullough

Dr. and Mrs. Hamilton W. McKay, Jr.
Ms. Elizabeth H. Mitchell
Ms. Patricia C. Owens
Ms. Harriert P. Peraldo
Mr. and Mrs. Hugh P. Perry
Mr. and Mrs. W. Trent Ragland
Ms. Anne H. Rogers
Mrs. Ellen Lambeth Ross
Mrs. Jo Allison C. Smith

Mrs. Frances H. Supper
Mr. and Mrs. Lawrence A. Tomlinson, Jr.
Mr. and Mrs. Lindsey Warren, Jr.

NCHJA Horse Show

The North Carolina Hunter Jumper Association (NCHJA) held its annual horse show benefit in Raleigh with UNC Pediatric Hematology/Oncology as a recipient of the proceeds. The event featured a dinner, a silent auction and a Hunter Jumper Classic. Much of the evening's food and items for the silent auction were donated, allowing the tireless volunteers from NCHJA and UNC to raise \$30,000.

Bottom photo, left to right: Deborah Judd, horse show co-chair; Ashley Hodges, president of the NCHJA; Linda Mansmann, UNC Pediatric Hematology/Oncology nurse; Dr. Stuart Gold, UNC Pediatric Hematology/Oncology physician; Dr. Julie Blatt, UNC Pediatric Hematology/Oncology division chief.



During the show, Miss North Carolina 2003, Dana Lynette Reason (above), made her first public appearance to tour the horse show with pediatric patients and their families. She is shown with UNC patient Kevin Sebring.



Join the Lineberger Club

so you can attend the **Annual Lineberger Club Luncheon** before the basketball game
January 17, 2004
UNC v. Connecticut

Don't miss this fun and educational networking opportunity — and the chance to buy tickets to the game! Invitations will be mailed in November.

For information on this event or on joining the Lineberger Club, contact External Affairs at 919-966-5905.

News Flash: Earp Elected President of AACI

Dr. Shelton Earp has been elected to be 2005-2006 president of the Association of American Cancer Institutes, a group comprised of the United States' leading academic and free-standing cancer centers with more than 80 member institutions.

calendar of events

JANUARY 2004

17th Lineberger Club Annual Lunch and Basketball Game. Kenan Center, Chapel Hill, NC.

FEBRUARY

13-14th UNC Lineberger Urologic Cancer Symposium. Advances in the Multidisciplinary Treatment of Urologic Malignancies. Friday Center, Chapel Hill, NC.

APRIL

20-21st UNC Lineberger 28th Annual Scientific Symposium. Friday Center, Chapel Hill, NC.

23rd Board of Visitors Meeting. Lineberger Cancer Center, Chapel Hill, NC.

UNC Lineberger Comprehensive Cancer Center
CB# 7295
School of Medicine
University of North Carolina at Chapel Hill
Chapel Hill, NC 27599-7295
(919) 966-3036
<http://cancer.med.unc.edu>

Return Service Requested.

Nonprofit Organization
U.S. Postage
PAID
Permit No. 71
Chapel Hill, NC 27599-1110