

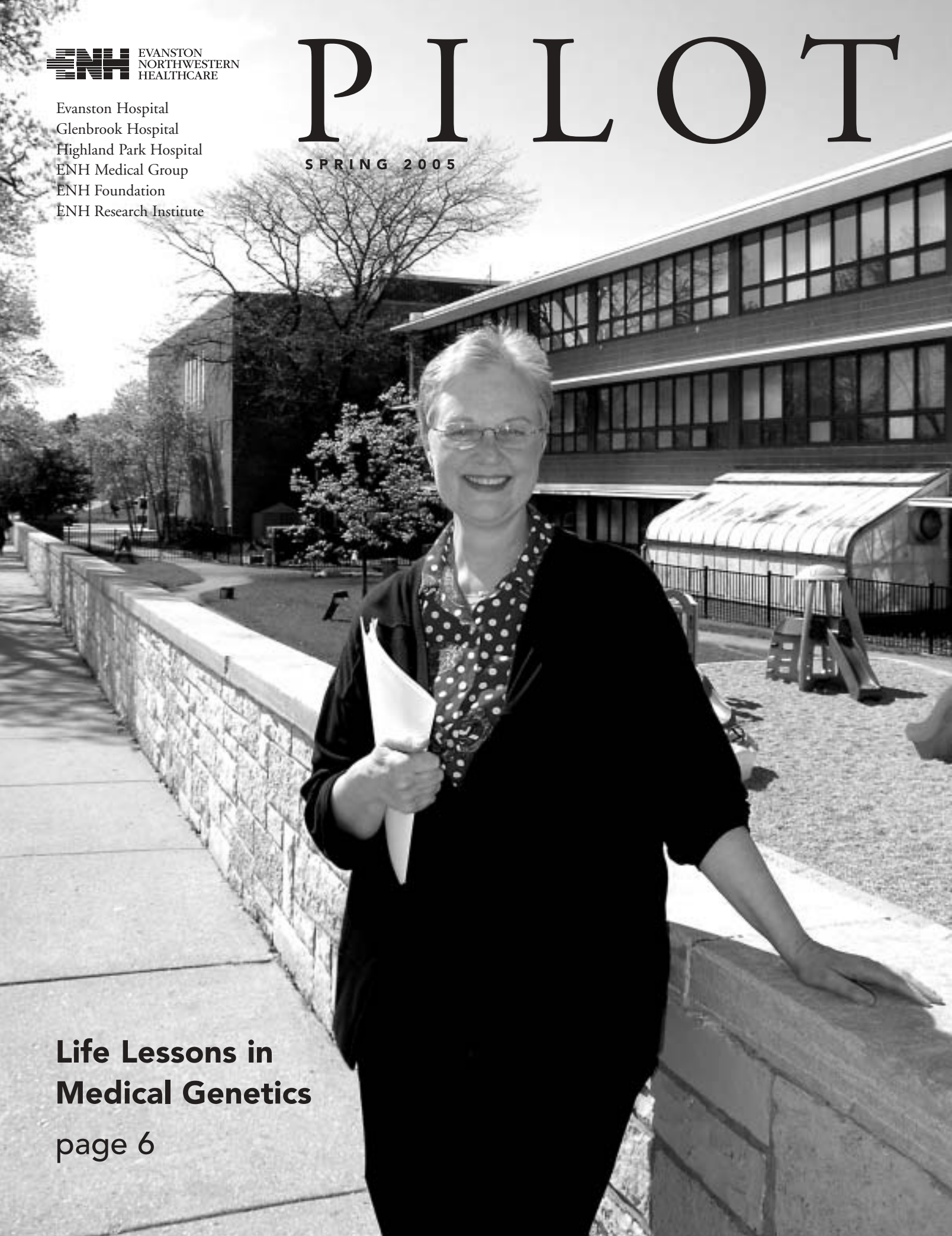
Evanston Hospital
Glenbrook Hospital
Highland Park Hospital
ENH Medical Group
ENH Foundation
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PILOT

SPRING 2005

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NEWS NOTES

Reno and Rezak Present at Parkinson's Symposium

Michael Rezak, MD, PhD, Director of the Movement Disorders Functional Neurosurgery Program and Director of the Movement Disorders Center, shared the podium with former U.S. Attorney General Janet Reno at *Living Well*, the March 19 symposium hosted by the Midwest Chapter of the American Parkinson Disease Association. In her keynote address, Reno, who was diagnosed with Parkinson's disease 10 years ago, emphasized the importance of ongoing research. "We are so close to a cure for Parkinson's disease, and we need to take steps to determine the best ways to allocate money and coordinate initiatives," she said. "We can do it if we believe in ourselves." Dr. Rezak concurred with Reno's positive outlook: "Despite the fact that there is no cure yet, there have been tremendous advancements in medications and research," he said.

Dr. Rezak also discussed the new Parkinson's Disease Early Detection Center at Glenbrook Hospital, which will work to develop markers that can identify asymptomatic patients at the earliest stages of the disease. Glenbrook Hospital also is home to both the Midwest



Michael Rezak, MD, PhD, with former U.S. Attorney General Janet Reno at the *Living Well* symposium.

Regional Center and the National Young-Onset Information & Referral Center of the American Parkinson Disease Association (APDA). For more information about Parkinson's disease and current programs, call (800) 223-9776.

ENH Once Again Named to Top 100 Hospitals

Evanston Northwestern Healthcare (ENH) has been named one of the nation's Top 100 Hospitals and Top 15 Major Teaching Hospitals for an unprecedented 10th time. The list, prepared annually by healthcare information products company Solucient LLC, identifies the nation's 100 top "benchmark"

hospitals for their performance in quality of care, operational efficiency, financial performance and adaptation to the environment. Being named to this list places ENH among the top-performing hospitals in the United States—those that are setting the standards of excellence.

Among the highlights of ENH's performance in Solucient's 2004 study was patient safety. According to the study, ENH performed well above the median of other Top 100 Hospitals in its category (major teaching hospitals) on this measure. "This is clearly a result of our organization-wide efforts to promote patient safety, including the many commitments that went into the successful design, training and implementation of our electronic medical records system," said President and CEO Mark R. Neaman. "Because the Top 100 Hospitals study looks at both clinical and business results, this remarkable 10th honor reflects a consistent, ongoing commitment to excellence throughout the organization."



ACoS Commends ENH Oncology Program

The American College of Surgeons' Commission on Cancer recently awarded a rating of "Commendation" to the Evanston Northwestern Healthcare (ENH) Oncology Program. To achieve the rating, ENH demonstrated that it exceeded basic requirements in all of the nine areas required for commendation.



New Technology Stops Infection Outbreaks Before They Start

A team of Evanston Northwestern Healthcare (ENH) physicians has found that advanced data mining technology to identify patients with hospital-acquired infections is as reliable as conventional medical record review and offers a quicker way to halt the spread of infection.



Lance Peterson, MD (from left), with Tom Thompson, PhD, and Patrick Gavin, MD, who participated in the study.

The physicians studied the effectiveness of the MedMined™ Data Mining Surveillance Service (DMSS), which monitors computerized inpatient and outpatient microbiology lab results and alerts hospital clinical staff to early warning signs of potential disease outbreaks.

“With this technology, we can stop disease before it starts by predicting which patients may get sick and isolating them before they can infect others,” said Lance Peterson, MD, FASCP, ENH epidemiologist, Director of Clinical Microbiology and Infectious Disease Research and Professor of Pathology and Medicine at Northwestern University’s Feinberg School of Medicine. “We also can identify potential health risks and epidemics in the surrounding community, such as the flu, by monitoring increased emergency room visits and alert our staff to take measures needed to control an infectious disease outbreak.”

Donna Hacek, MT, Technical Coordinator, Molecular Epidemiology Laboratory at ENH, and a co-author of the study, noted, “The conventional system to track potential infection outbreaks involves manually reviewing vast amounts of clinical data—a method that is both labor-intensive and only provides a targeted surveillance of patients in certain high-risk areas such as the Intensive Care Unit.”

The findings were presented at the Society for Healthcare Epidemiology of America 15th Annual Scientific Meeting in April. ENH was the first institution in Illinois to adopt the MedMined™ DMSS. The service has been in use at Evanston, Glenbrook and Highland Park Hospitals since January 2003.

New Minimally-Invasive Procedure Reduces Risk of Esophageal Cancer, Offers New Option for Patients with Barrett’s Esophagus



Constantine Frantzides, MD, PhD

Constantine Frantzides, MD, PhD, FACS, Director of Minimally Invasive Surgery at Evanston Northwestern Healthcare, is the first surgeon worldwide to offer a new, minimally-invasive surgical technique to treat patients who suffer from Barrett’s esophagus (a precancerous change in tissue). The condition, which can result from

gastroesophageal reflux disease (GERD), increases the risk of esophageal cancer, one of the fastest growing cancers in the United States.

During the procedure, the surgeon approaches the patient’s esophagus through tiny incisions in the abdomen and removes abnormal segments from the inside esophageal layer, where cancer typically starts. “The minimally-invasive

technique is a major advancement,” said Dr. Frantzides, “because it offers patients an alternative to traditional surgery (which removes the esophagus entirely) and to endoscopic procedures that examine and remove abnormal segments of the esophagus but may miss an underlying malignancy.”

ENH Physicians Pioneer Novel Light Technology that Detects Precancerous Colon Cells

Tiny flaws can make the difference between life and death. That's why the airline industry uses ultra-sensitive technology to detect miniscule "fatigue cracks" in airplanes before they're visible to the naked eye. Now, researchers at Evanston Northwestern Healthcare (ENH) and Northwestern University have received a \$1.8 million grant from the National Cancer Institute (NCI) to test a similar approach—a powerful new light technology that allows them to "see" objects 20 to 50 times smaller than conventional microscopy can—to detecting early-stage colon cancer.

"This study will enable us to detect subtle changes in the microarchitecture of precancerous colon cells at far earlier stages than current technology allows," said Hemant Roy, MD, gastroenterologist and Associate Professor at Northwestern University's Feinberg School of Medicine. "The findings may have major clinical applications, because they could lead to the



Hemant Roy, MD

introduction of a reliable screening tool that allows doctors to identify individuals at increased risk for colorectal cancer and to reduce their risk with regular colonoscopic screening."

The study will use an advanced optical technology, called Four-Dimensional Elastic Light-scattering Fingerprinting (4D-ELF), developed by Vadim Backman, PhD, Assistant Professor of Biomedical Engineering at Northwestern University, who also holds a joint appointment with the ENH Division of Gastroenterology. The technology also is under study as a potential screening method for pancreatic and cervical cancers.

Colorectal cancer is the second-leading cause of cancer deaths in the United States but is highly curable when detected early. Researchers agree that developing screening methods sensitive enough to identify precancerous changes in what appear to be normal cells could reduce both the incidence and mortality rates of this deadly disease.



Vadim Backman, PhD

Neaman Wins CEO IT award



Mark Neaman

Modern Healthcare and the Healthcare Information Management Systems Society have named Mark Neaman, president and CEO, one of three recipients of the 2005 CEO IT Achievement Award. The award, created in 2003, recognizes healthcare industry CEOs who demonstrate leadership and a commitment to using information technology to advance their organizations' strategic goals. *Modern Healthcare* profiled Neaman and the other winners in a special supplement detailing how each put their organizations on the leading edge of healthcare IT, and honored the winners at an awards ceremony on May 23 in Chicago.

In Memoriam – Carlyne Strauss Weil



Carlyne Strauss Weil, a generous supporter of Highland Park Hospital and Life Director of the ENH Foundation, died on March 1, 2005. Mrs. Weil has been credited with raising more than \$20 million for Highland Park Hospital and will be remembered for her dedication, energy, wit and perseverance. The family would appreciate donations to:
Highland Park Hospital
c/o ENH Foundation,
1603 Orrington Ave., Suite 750,
Evanston, IL 60201
Or use the enclosed envelope.

Dr. Adelson Leaves a Legacy of Ethics

When Bernard Adelson, MD, PhD, died on March 5, 2005, he left behind a nearly 50-year legacy that will influence Evanston Northwestern Healthcare for years to come.

Dr. Adelson joined the medical staff of Evanston Hospital in 1957 and continued to see patients at his practice until a few weeks before his death at age 84. Devoted to his patients, he was also a pioneer in the field of medical ethics.

“Dr. Adelson’s legacy is in ethics—how we are to honor each other and our patients, and how patients come first,” Janardan Khandekar, MD, Chairman of the Department of Medicine, told the *Chicago Tribune*. “He emphasized that in his medical consultations, his teachings and lectures. He was a pioneer in that respect. He was a leader and an outstanding clinician who helped thousands of patients.”

Dr. Adelson founded and chaired Evanston Hospital’s Program on Medical Ethics in 1988 and continued to chair the program until 2004. In the 1960s, Dr. Adelson established the hospital’s Dialysis Center and became Chair of the Nephrology Department. He was also the founding Chair of the Geriatrics Program. A graduate of Northwestern University Medical School (now the Feinberg School of Medicine), Dr. Adelson also served on its faculty as a clinical professor.

He is survived by his children Duffie, Edward and David Adelson, and three grandchildren. In choosing to honor their father, Dr. Adelson’s children have directed memorial gifts to organizations important to him, including Evanston Northwestern Healthcare.



Dr. Bernard Adelson with Linda Lipkin, RN, in 1999.

Tribute Gifts Honor and Inspire

An honor or memorial gift to Evanston Northwestern Healthcare is a meaningful way to recognize the legacy of a person’s life, express appreciation for someone special or celebrate a special occasion.

Whether it’s remembering a friend or family member, acknowledging exceptional care or observing a birthday or anniversary, such a gift is a wonderful way to honor individuals who have inspired you.

Philanthropic gifts to Evanston Northwestern Healthcare have a tremendous impact on the lives of

our patients and their families. Your gift may be instrumental in helping ENH purchase advanced medical technology, supporting the emerging research of a physician-scientist or establishing a program that supports our patients and their families.

To make a tribute gift, please use the envelope included in this publication, or make an online contribution at www.enh.org/charitablegiving. For more information, contact the Evanston Northwestern Healthcare Foundation at (847) 570-5600.

Shaped Beam Surgery Comes to Evanston Northwestern Healthcare

In January 2006, Evanston Northwestern Healthcare (ENH) will bring to the Chicago metropolitan area one of the most innovative and advanced radiation treatment options available to treat tumors of the brain, head and neck, spine and other areas of the body. The new Novalis® Shaped Beam Surgery technology, which will be located at Evanston Hospital, delivers a highly precise, focused dose of high-energy radiation to shrink or control the growth of a malignant or benign tumor. By continuously shaping the treatment beam to match the size and shape of the tumor from all angles, the technology ensures that the tumor receives the full prescription dose of radiation while protecting healthy tissue. Patients remain awake throughout the procedure and typically return to their daily routine the same day.

Novalis® Shaped Beam Surgery technology, manufactured by BrainLAB®, is the most sophisticated approach to radiosurgery available. ENH has an 18-month exclusive arrangement with BrainLAB® to provide Shaped Beam Surgery in Chicago's North Shore area.



Shaped beam technology continuously shapes the treatment beam from all angles, delivering a full prescription dose of radiation to the tumor while protecting healthy tissue.

Ad Campaign Tells Why Patients Chose ENH



Fire Captain and Paramedic Peter Hanchar, who underwent lifesaving cancer treatments, appears before the camera for a television ad that describes the remarkable medicine practiced at Evanston Northwestern Healthcare.

A new ad campaign, launched in April, is spotlighting the remarkable medicine patients can access when they choose a primary care physician affiliated with Evanston Northwestern Healthcare (ENH). The campaign, titled "Why I Chose," is designed to reach the 400,000 households in the ENH service area who must decide each year whom to trust with their families' healthcare. Look—and listen—for examples of extraordinary medicine at ENH each Monday on:

- **Television:** local channels 2, 5 and 7 and cable networks A&E, Discovery, ESPN, The History Channel, MSNBC and TLC on Comcast;
- **Radio:** WFMT, WJMK, WBEZ and WGN; and
- **Newspaper polybags:** wrapped around the *Chicago Tribune* and featuring ENH-affiliated primary care offices in the neighborhood.

Life Lessons in Medical Genetics

When science teachers at Highland Park High School get to the unit on genetics, they need only look a few classrooms away for an example of how medical genetics is helping whole families address critical health issues. They tell the story of Jean Pavlakis, 55, a math teacher at the school. Like all genetics stories, Pavlakis' story begins with previous generations.

"My mother was diagnosed with breast cancer at about age 39 or 40," Pavlakis said. "My father had prostate and colon cancer, and both of his sisters died of breast cancer in their 50s."

Because of her family history, Pavlakis went religiously for a mammogram every August. She also underwent triennial physicals as required by the school district. And when, in December of 2002, she

noticed something unusual about one of her breasts, she went straight to a doctor, even though she'd been given a clean bill of health just a few months earlier. Her vigilance proved lifesaving: Pavlakis was diagnosed with breast cancer.

"At that point, I didn't want to wait for genetic testing. Based on my family history alone, I underwent a double mastectomy, even though only one breast was affected," she said.

Erika Brinkmann, MD, an Attending Physician who specializes in breast surgery, performed the procedure; Geoffrey Fenner, MD, an Attending Physician in plastic and reconstructive surgery, did breast reconstruction.

While Pavlakis was undergoing follow-up chemotherapy, Dr. Brinkmann brought up the subject of genetic testing. "This was the second time she'd mentioned it," said Pavlakis. "And I got to thinking: I'm doing all I can to help myself. But I

"I heard words very few women get to hear: 'Stage I ovarian cancer.'"

Jean Pavlakis

have a sister and some nieces. I should get tested for their sakes."

Pavlakis turned to the ENH Center for Medical Genetics, where genetic counselors took her family health history and discussed with her both the technical and emotional aspects of testing (see *ENH Center for Medical Genetics Helps Patients Identify Risks, Options* on p. 8). She then decided to proceed with a blood test



to look for mutations in BRCA1 and BRCA2—genes that are normally involved in tumor suppression but, if mutated, cause a higher risk of breast and ovarian cancers.

“When the test came back positive for a BRCA2 mutation, it saved my life,” said Pavlakis. Wendy S. Rubinstein, MD, PhD, FACMG, Medical Director of the ENH Center for Medical Genetics, referred her to Gustavo Rodriguez, MD, Director of the Division of Gynecologic Oncology, to discuss her risk of ovarian cancer and possible preventive surgical removal of her ovaries. She opted to undergo the surgery, during which a small ovarian cancer, located on the inside of one ovary was discovered. In a follow-up meeting with Dr. Rodriguez to discuss the results of the pathologic examination of her ovaries, Pavlakis said, “I heard words very few women get to hear: ‘Stage I ovarian cancer.’”

That’s because early stage ovarian cancer often causes no symptoms—or symptoms such as bloating and abdominal pain that are similar to those of other health conditions. The Centers for Disease Control estimates that only about 25 percent of ovarian cancers are diagnosed at an early stage; approximately 60 percent are diagnosed after the cancer has spread.

In spite of the fact that she was now facing a second round of chemotherapy, Pavlakis couldn’t help but feel she’d dodged a bullet. “If we had discovered the ovarian cancer two years later, I would have been in a very difficult situation,” she said.

Shortly thereafter, Pavlakis’ sister, who lives in another city, was tested and also found to have the BRCA2 gene mutation. She underwent intensive screening—breast ultrasounds, mammograms and MRIs—but no cancers were detected. “My sister



Dr. Wendy S. Rubinstein helped Pavlakis understand her risks.

went through a lot of angst,” said Pavlakis. “She was younger than I was, only 45. But she was also a single parent, her children were fairly young, and she knew that having the gene mutation put her at increased risk.” Based on family history and the presence of the BRCA2 gene mutation, doctors estimated Pavlakis’ sister had an 84 percent lifetime risk for breast cancer.

After carefully weighing all of her options, Pavlakis’ sister elected to have a double mastectomy. “I went to stay with her as she recovered,” said Pavlakis. “And about a week after the surgery—while she was feeling discouraged and starting to rethink her decision—her breast oncologist came in and said the lab had found cancer in the left breast tissue and some pre-cancerous cells in the right.” For the second time, knowledge of family history and genetics had helped a member of Pavlakis’ family identify

and treat a life-threatening cancer well before it might have caused symptoms or been detected by screening exams.

The BRCA Genes and Cancer

The National Cancer Institute estimates that only 5 to 10 percent of breast cancers have a strong genetic basis, and BRCA1 and BRCA2 are examples of this. But having an altered BRCA1 or BRCA2 gene does significantly increase a woman’s lifetime risk of getting the disease—to an estimated 36 to 85 percent, as compared to an estimated 13 percent lifetime risk for women in the general population. A woman who has an altered BRCA1 or BRCA2 gene also has an increased lifetime risk of ovarian cancer—roughly 16 to 60 percent versus 1.7 percent for women in the general population.

Given these increased risks, approximately 20 to 25 percent of

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women who test positive for a BRCA1 or BRCA2 mutation but have not had breast cancer undergo prophylactic mastectomy.

“Some people may feel that prophylactic surgery is extreme, but it depends on an individual’s experience,” said Dr. Rubinstein. “Many of the women we see here have already seen several women in their families die of breast cancer. With early onset, which we see in families with a genetic tendency for breast cancer, women may have been adolescents—a vulnerable age—when their mothers died.

Others may have young children of their own, and feel a strong desire to do whatever is necessary to survive.”

Dr. Rubinstein, who is also Assistant Professor of Medicine at the Feinberg School and Division Chief of Medical Genetics at Evanston Hospital, tells her patients that prophylactic mastectomy is “the best way to prevent breast cancer, but it’s not the only way,” she said. “For example, if you have a genetically increased risk of breast cancer, having your ovaries removed can reduce your risk of breast cancer, even if you take medication to

partially replace the hormones.”

If a woman has a genetic risk of ovarian cancer, Dr. Rubinstein says, “I am pretty adamant that the woman have her ovaries removed once she’s finished having children. At this point, it’s the best approach we have, since there isn’t yet a reliable early detection test for ovarian cancer.”

Dr. Rubinstein also points out that the genetic mutations for breast and ovarian cancer occur rarely: about one in 300 to one in 1,000 people carry mutations in the

ENH Center for Medical Genetics Helps Patients Identify Risks, Options

In her efforts to identify and address the genetic cause of the cancer that was prevalent in her family, Jean Pavlakis was assisted by the ENH Center for Medical Genetics. While cancer is the disease that most frequently brings patients and families to the Center, its staff of specially trained physicians and genetic counselors also provides counseling, testing, information and referrals for a variety of other illnesses, including neurological and metabolic diseases.

Even if no test exists—or if patients choose not to take the test—the Center can help families who have a historic tendency to a particular disease. “We can assess risk, even quantify it in terms of a percentage chance of developing the disease, based just upon family history,” said Wendy S. Rubinstein, MD, PhD, FACMG, the Center’s Medical Director.

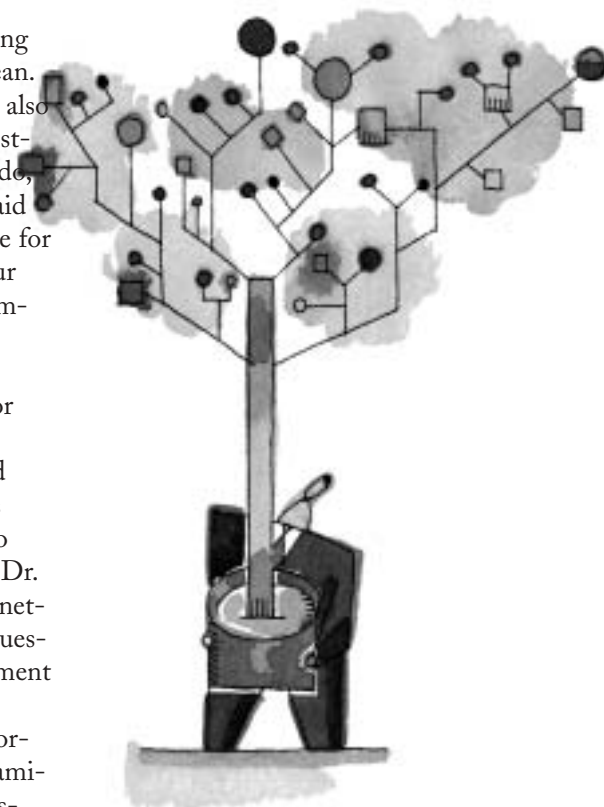
At the Center, counselors meet with patients in a series of visits to find out what their family’s experience has been and identify what tests might be appropriate. They also explain the technical aspects of

testing: what the test will be looking for and what the results might mean.

Concerns about insurance are also addressed. “Undergoing genetic testing today is a pretty safe thing to do, in terms of insurance coverage,” said Dr. Rubinstein. “If you test positive for a gene mutation that increases your risk for disease, your insurance company is prohibited by state and, to some extent, federal law from discriminating against you for rates or coverage.”

If a patient decides to proceed with testing, the results are always delivered in person—sometimes to whole families—with experts like Dr. Rubinstein and board-certified genetic counselors on hand to answer questions, talk about screening or treatment options and make suggestions. Patients are also given written information that they can share with family members, including a risk assessment that quantifies the patient’s risk for particular diseases based on family history, genetic test results, lifestyle and other risk factors.

The news isn’t always bad: “Most women overestimate their risk of



breast cancer,” said Dr. Rubinstein. “And there are times when we can say to people, ‘There is a mutation in your family, but I’m happy to tell you that you don’t have it—and therefore you can’t pass it on to your children.’”

BRCA1 or BRCA2 genes. However, the genes tend to be more prevalent in people of Ashkenazi Jewish (from Eastern or Central Europe) descent. “If you have that ancestry and there’s any history of breast or ovarian cancer in your family, it needs to be taken seriously,” said Dr. Rubinstein.

That’s true of men as well as women: men can be carriers of BRCA1 or BRCA2 gene mutations

and pass them along to their female offspring. (Men who carry the gene also have an increased risk of breast cancer, although the incidence is low.)

For Jean Pavlakis, the knowledge that the gene mutation runs in her family has prompted her to tell her story—to her relatives and to her fellow teachers who share it with their science classes—in hopes of changing the outcome for future generations.

“I only have sons, but I’ll strongly encourage them to be tested by age 30,” she said. “My brother, who has a daughter, has also tested positive for a BRCA2 gene mutation—so my niece has some decisions ahead of her. But the bottom line is: knowledge is power. If I hadn’t known ahead of time and worked to reduce my risks, I’d be in a very different situation today.” ■

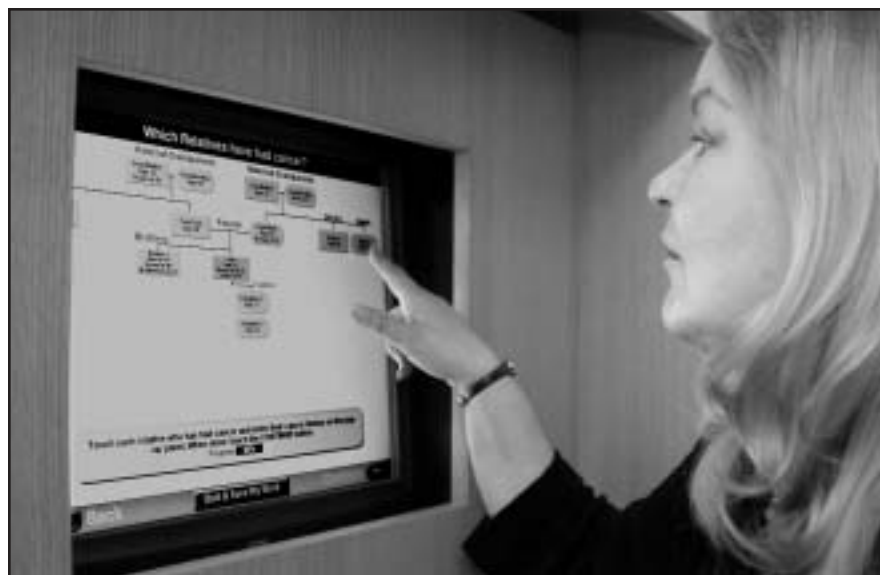
To reach any of the ENH physicians mentioned in this article, visit www.enh.org and click on “Find a Doctor” or call (847) 570-5020.

Document Your Family Health History with MyGenerations

The Center has also created “MyGenerations,” a unique, easy-to-use computer-based tool that helps individuals document their family tree and any history of cancer. MyGenerations is available at touch-screen kiosks where individuals can:

- Create a personal family tree, including any family history of cancer;
- Save your family tree for future updating using a private access code;
- Obtain a personalized breast cancer risk assessment;
- Print your family tree and breast cancer assessment to share with your healthcare providers;
- Obtain referral information for healthcare providers and genetic counselors.

The program will be expanded in the future to allow input of family history information for other conditions, such as heart disease, diabetes and more. ■



Suzanne O’Neill, PhD, Clinical Researcher in the Medical Genetics Department and creator of MyGenerations, demonstrates the touch-screen technology that allows users to document their family health history.

MyGenerations kiosks are located at:

EVANSTON HOSPITAL:

Kellogg Cancer Care Center waiting area

GRAHAM MEDICAL OFFICE BUILDING:

Suite 860

GLENBROOK HOSPITAL:

Main Lobby



Electronic Access to Medical Records Saves a Life in Race Against Time

When seconds count, access to information can make the difference between life and death. Glenview resident Selwyn Blum knows this firsthand, after he suffered a life-threatening emergency on a Sunday evening and was fortunate to be taken to Glenbrook Hospital.

Blum arrived at the Emergency Department at 10 p.m. confused and disoriented; he soon slipped into a deep coma. A CT scan revealed he was suffering from an acute subdural cerebral hemorrhage and serious brain compression. His emergency room physician, John Vozenilek, MD, learned from Blum's wife that Blum had a history of stroke and was on anticoagulation therapy. "I immediately began documenting Mr. Blum's care in an electronic chart," said Dr. Vozenilek, "so that each of the members of his care team would have access simultane-

ously to his medical record." He also contacted Issam Awad, MD, Director of Neurovascular Surgery and Neurocritical Care at Evanston Northwestern Healthcare (ENH) and Professor of Neurosurgery at Northwestern University's Feinberg School of Medicine.

"Quick action to treat a brain hemorrhage is critical in patients like Mr. Blum," said Dr. Awad, "and based on his condition, he needed a rapid reversal of his anticoagulation therapy and emergent surgery to save his life." From his home computer, Dr. Awad immediately accessed Blum's emergency medical records online; he was able to view the results of Blum's CT scans using ENH's picture archival communication system (PACS). PACS transmits medical images digitally across the entire ENH system and provides nearly instantaneous access to a patient's scans. Dr. Awad began providing remote patient care in real time by electronically evaluating Blum's laboratory results, imaging scans and vital signs, and he conferred with Blum's on-call primary care physician.

Meanwhile, at Glenbrook Hospital, emergency physicians began reversing Blum's anticoagulation therapy to control the bleeding in his brain, secured his airway and initiated treatment for his brain swelling. They then prepared to transport him to Evanston Hospital, where a team of anesthesiologists, surgeons and other medical professionals mobilized simultaneously in order to provide him advanced neurosurgical care. Because they had access to Blum's medical record and could monitor his condition in real time, they were fully prepared to get to work as soon as he arrived. Within an hour, Dr. Awad began Blum's surgery at Evanston Hospital.

After nine days in intensive care and three weeks in rehabilitation, Blum returned home with home care. Although he still needed additional therapy and a second surgical procedure, he began to resume his normal life. Marveled his wife Aileen, "It was unbelievable how much the doctors knew about my husband's care and treatment without ever meeting him or asking me any questions. I was not aware of the electronic medical record, but now I know it made our lives much easier."

"In large part, Mr. Blum made a miraculous recovery against all odds because ENH's single, integrated record system provided doctors information they needed for better—and faster—medical decisions and seamless coordination of care among emergency physicians and specialists," said Dr. Awad. "In fact, if he had gone to a hospital that did not have electronic records and images immediately available, he may not have received the rapid response needed to save his life." ■



ENH's electronic medical record system helped save the life of Glenview resident Selwyn Blum (standing, left). Pictured with Blum are his wife, Aileen; John Vozenilek, MD (standing, center); and Issam Awad, MD.

Body Clock May Be a Culprit in Obesity, Diabetes

Approximately 18 million people in the United State have diabetes and nearly two-thirds of adults are overweight, which includes 30 percent who are obese.

Together, diabetes and obesity result in almost 200,000 deaths annually and exert a devastating social and economic toll due to complications including blindness, kidney failure, heart disease and stroke.

Now researchers from Evanston Northwestern Healthcare (ENH) and Northwestern University have pinpointed something deep within the brain and other tissues that plays an important role in the struggle to maintain a healthy weight: the body's 24-hour internal clock. The research team, led by an endocrinologist and a circadian rhythms expert, has shown that a faulty or misaligned body clock, which regulates both sleep and hunger, can wreak havoc on the body and its metabolism, increasing the propensity for obesity and diabetes.

The findings were published online April 21 by the journal *Science*.

"Just as there is a mechanism that makes the heart beat, there is a clock that functions in many different parts of the body to regulate many different systems," said senior author Joseph Bass, MD, PhD, Head of the Division of Endocrinology and Metabolism at ENH and Assistant Professor of Medicine and Neurobiology and Physiology at Northwestern University. "We don't know too much about how clocks control eating and metabolism in normal individuals, but now we have shown that



Joseph Bass, MD, PhD



Fred W. Turek, PhD

weight gain and abnormalities in metabolism, including diabetes, result if this internal timepiece is malfunctioning. The body clock is clearly controlling the elaborate brain signaling system that regulates appetite."

"We've demonstrated that an animal model with a known circadian disregulation—a mouse with a mutant *Clock* gene and thus an imprecise body clock—has metabolic problems, at least obesity and signs of the metabolic syndrome," said circadian rhythm expert Fred W. Turek, PhD, lead author on the paper and Professor of Neurobiology and Physiology in Northwestern's Weinberg College of Arts and Sciences.

"Our findings lead to provocative questions that require further investigation," said Dr. Bass. "Is it possible that sleep loss or a change in circadian rhythms might exacerbate problems in regulating appetite? It may be a question of not only how much you eat but what time of day you eat and how that affects the body. Are you eating at a time of day when your system is internally aligned to metabolize the food?"

"The body clock regulates the time we go to bed, the time we get up and the time we get hungry—these are biological principles, not psychological factors," said Dr. Bass. "This internal drive is a fundamental system that is important to health." ■



I'll Go if You Go:

Glenbrook Hospital Nurses Keep Pact for Colorectal Cancer Screening

One day in March, four nurses at Glenbrook Hospital had an unusual bonding experience—and now fellow nurses, spouses and friends are following their example.

“We all had colonoscopies for the first time to screen for colorectal cancer,” said Dee Roberts, BSN, Clinical Nurse Manager in Intensive Care. “In fact, we said to each other, ‘I’ll go if you go.’ Our screening also was an unusual event for the GI Lab at Glenbrook Hospital, which normally does not schedule many group appointments!”

Kathy Snow, RN, MBA, Vice President of Nursing, Glenbrook Hospital, prompted the nurses to make the common appointment after she had a screening colonoscopy in July 2004. “I had noticed some symptoms of colon cancer, but when my doctor removed a large precancerous polyp I was shocked,” said Snow. “I also felt extremely relieved and grateful, and decided it was about time to bring up the topic of colon cancer with my staff because it’s not something that comes up naturally in conversation.”

In fact, Snow has been on a personal crusade ever since to approach staff members and encourage those who fall within the American Cancer Society screening recommendations to get checked for colorectal cancer. Experts recommend screening for men and women over the age of 50, as well as for individuals with a family history or other risk factors.

Peer Support Prompts Action

“Kathy led by example and was the driving force behind my decision to make an appointment,” said Aida Martinez, BSN, Clinical Nurse Manager on 3 South. “Even though I was afraid of the possibility of a positive result because cancer runs in my family, I was relieved we went through it together so we could give each other support. Our results were all negative for cancer, but if one of us had had a cancerous polyp, we would have been there for each other.”

Martinez had her colonoscopy with gastroenterologist Michael Goldberg, MD, who also is Snow’s doctor. But the other nurses made an appointment with Susannah Spiess, MD.

“Some female patients prefer a woman physician to perform a colonoscopy,” said Dr. Spiess. “In fact, about 75 percent of my patients are women. The important message from these nurses, however, is that both men and women over the age of 50 should do whatever it takes to make an appointment, either by coming in with a coworker, a friend or a spouse.”

“This screening is important because colorectal cancer is the one cancer that is totally preventable if screening recommendations are followed,” said Dr. Spiess. “Although there are several screening methods, the colonoscopy is considered the ‘gold standard’ because it allows physicians to examine the entire length of the colon and remove precancerous polyps during the procedure.”

“I constantly have a problem finding time for myself,” said Marcia Devine, RN, Clinical Nurse Manager in the Emergency Department. “In fact, I don’t even have time to get a haircut. What made the difference for me was going as a group so we could ease each other’s anxiety. In fact, the procedure was easier and quicker than we thought it would be.”

“My internist had recommended that I undergo the screening,” said Linda Miller, RN, ADN, Staff Nurse in Intensive Care, “and with Kathy’s prodding, I’m relieved I went ahead and just did it. Now, I’ve convinced my husband to make his appointment.”

Snow admits that until she experienced symptoms, she had no plan to schedule a colonoscopy, even though her father died of colon cancer. “Needless to say, this screening saved—and changed—my life,” said Snow, “and I intend to keep spreading the word.” ■



At the urging of Kathy Snow, (front left), Glenbrook Hospital nurses Linda Miller (standing, from left), Aida Martínez, Dee Roberts and Marcia Devine made a pact to undergo colonoscopies. Dr. Susannah Spiess performed three of the potentially life-saving screenings.

New Foundation Funds Breast Cancer Research at ENH

As a breast cancer survivor, Susan Maman knows the challenges involved in both fighting and treating the disease. The Glencoe resident created a charitable foundation, A Million Tomorrows, aimed at helping find a cure for cancer, with a special emphasis on breast cancer.

Following its first fundraising event in February, Maman's foundation donated \$25,000 to Evanston Northwestern Healthcare to support the Arthur G. Michel, MD, Breast Cancer Research Fellowship.

Maman said she was fortunate to have received help and support, both from the medical professionals who treated her and from friends. "While I was undergoing treatment, I told myself that if I did survive, I wanted to do something to make a difference," she said. "Many of my friends also live on the North Shore, and I like the fact that I am able to support the community in which we live."

Guoguang Ying, PhD, the current Michel Fellow, works



Susan Maman (second from left) tours the ENH Research Institute with Hamid Band, MD, PhD (from left); volunteer Barbara Paget; Janardan Khandekar, MD, Chairman, Department of Medicine; Leopold Selker, PhD, President, ENH Research Institute; and Vimla Band, PhD.

in the laboratory of internationally renowned researchers Hamid Band, MD, PhD, Director of the Division of Molecular Oncology, and Vimla Band, PhD, Director of the Division of Cancer Biology. Their shared vision is to bridge molecular biology and clinical medicine, with a focus on breast cancer. Dr. Hamid Band, the Jean Ruggles Romoser Chair of Cancer Research, is researching cell receptor function, which has led to the discovery of a novel protein that may improve treatment for breast cancer. Dr. Vimla Band, the Duckworth Family Chair of Breast

Cancer Research, has identified a gene marker that predicts the potential of breast cancer to spread.

It is research such as that conducted by the Bands that Maman believes is key to finding a cure for cancer. "I hope one day we won't have a need for these organizations [like A Million Tomorrows], because we'll have found a cure," she said.

Evanston Northwestern Healthcare Wishes to Thank ...

The Healthcare Foundation of Highland Park for its gift of \$66,517 in support of two projects:

- "Healthy Highland Park," a campaign of health screenings and health education materials as well as an outcomes study of community participation conducted by ENH's Center on Outcomes, Research and Education; and
- The purchase of five automated external defibrillators for the Highwood Police Department.

Scheduled to begin this summer, Healthy Highland Park is a year-long collaboration between the city of Highland Park, its park district, Evanston Northwestern Healthcare's Community Relations Department and Highland Park residents. Healthy Highland Park is intended to improve the quality of life and health for adult Highland Park and Highwood residents and increase awareness of health education, screening and fitness opportunities supported by local government, the park district and community



Jim Morgan, Cardiac Science Sales Representative (clockwise from left), demonstrates the proper use of automated external defibrillators to Highwood Police Chief Charles Wernick, Highwood Police Deputy Chief David Wentz, and Highwood Fire Department Paramedic David Mohry.

healthcare providers. ENH's Community Relations Department will manage the health screening schedule, and volunteer physicians and ancillary health providers will be recruited from the staff at Highland Park Hospital.

The defibrillators will be placed in four squad cars, which are most often the first responders in health emergencies, and at Highwood's police station/city hall. Evanston Northwestern Healthcare provided free defibrillator training to 18 Highwood police officers, two of whom also received instructor-level training.

The Gustavus and Louise Pfeiffer Research Foundation for their grant of \$75,000 to ENH for the research of Patrick J. Gavin, MD, Assistant Director of Microbiology and Infectious Diseases Research. Dr. Gavin's epidemiological study addresses infection control for fragile newborns and is titled *The Epidemiology of Staphylococcus aureus in a Neonatal Intensive Care Unit*.

THE CAMPAIGN

for
EVANSTON NORTHWESTERN HEALTHCARE

Campaign Nears \$90 Million Mark

To date, \$89.5 million has been raised for The Campaign for Evanston Northwestern Healthcare. These philanthropic gifts have endowed four academic chairs, funded 52 special programs within the Centers of Excellence and supported 12 research funds to advance medical science into cures and treatments for patients.

The five-year, \$100 million Campaign for Evanston Northwestern Healthcare is the most ambitious fundraising endeavor in the history of this institution. The campaign is focused on providing critical resources for seven Centers of Excellence: the Center for Advanced Imaging; the Kellogg Cancer Care Centers; the Center for Cardiovascular Care; the Center for Gastroenterology; the Center for Maternal and Child Health; the Center for Medical Genetics; and the Center for Neuroscience.

For more information about the Campaign, call the Evanston Northwestern Healthcare Foundation at (847) 570-5600.

Campaign Gift Supports Diabetes Research

As a Life Director of the Evanston Northwestern Healthcare (ENH) Foundation and a former Highland Park Hospital Board Chairman, Steve Lazarus has both professional knowledge of medical research and personal experience with diabetes.



Steve and Arlene Lazarus

Last year, a serious attack of pancreatitis struck Steve's wife, Arlene, during a Baltic cruise. Taken off the ship in St. Petersburg, Russia, she began a months-long ordeal that included 108 days in various hospitals, eight operations and weeks

Hospitals' Gala 2005—Champagne Safari

Guests can expect a sophisticatedly wild time at "Champagne Safari," the 2005 Hospitals' Gala hosted on June 18 at the Field Museum by The Auxiliary of Evanston Northwestern Healthcare. ARAMARK Healthcare Management Services is the title sponsor for the event.

Co-chaired by Laura Fenner and Meg Fox, this year's Gala will benefit Gastroenterology research on Inflammatory Bowel Disease, which includes ulcerative colitis and Crohn's disease.

The festivities will begin at 6:30 p.m. with cocktails and silent auction and raffle. Items up for auction this year include a 10-day safari to Kenya from Abercrombie & Kent, Inc., diamond jewelry and a catered party for 50 from Wolfgang Puck. The raffle includes a free car for 6 months from Fields Automotive (choice of BMW convertible, Chrysler 300 or Infiniti Coupe).

Dinner begins at 8 p.m. and will be catered by Wolfgang Puck. Entertainment will be provided by the Ken Arlen Orchestra, which played at inaugural festivities for President George W. Bush. For more information or tickets, call (847) 570-5095.



Teaming up to support Gastroenterology Research through the Hospitals' Gala 2005 are Auxiliary President Mary Hoppe (second from left); her husband, Mark Hoppe, from corporate sponsor LaSalle Bank (from left); Randall Brand, MD, Clinical Director of the Pancreatic Cancer Program; and gastroenterologist Joel Retsky, MD.

Sept. 10 Associate Board Event to Benefit Infants in Need

of rehabilitation. Arlene lost her pancreas, which produces insulin for the body, and as a result developed diabetes.

Arlene continues to make a fantastic recovery and has even started skiing again. With diabetes now a part of their lives, Steve Lazarus wanted to turn their experiences into something positive and support diabetes research to help the approximately 17 million people in the United States who have the disease. His inquiries showed that some of the most promising studies were taking place at ENH in the lab of Joseph Bass, MD, PhD, Head of the Division of Endocrinology and Metabolism. Steve and Arlene Lazarus recently made a Campaign gift to support his research.

Dr. Bass has garnered national attention for his work related to diabetes and obesity, including a landmark discovery that a mutation in the gene that regulates the body clock can cause obesity and diabetes (see article, p. 11). The Lazarus' gift will allow Dr. Bass to upgrade his lab with state-of-the-art equipment used to see subtle differences in genes that could account for major conditions affecting people's health. "Their gift is critical in enabling us to enter a new phase of research on diabetes and obesity," said Dr. Bass.

The Associate Board of Evanston Northwestern Healthcare (ENH) will hold *A Night of Illuminations* benefit on Saturday, Sept. 10, at A New Leaf in Chicago. Tickets are \$100 each and include cocktails, hors d'oeuvres, a live band, silent auction and raffle.

All proceeds from this event will support equipment needs of the Henrietta Johnson Louis Infant Special Care Unit (ISCU) at Evanston Hospital, which serves as a referral center for a network of eight area hospitals. Nearly 500 infants are cared for in the Infant Special Care

Unit annually, including babies who are transferred from area hospitals that do not have the high level of care available at Evanston Hospital. Many of the children cared for in the ISCU are multiple-birth babies who often are premature and require expert care.

The Associate Board is a fundraising organization that provides young professionals with philanthropic, educational and community service opportunities to benefit Evanston Northwestern Healthcare. For more information, please call (847) 570-5095 or visit www.enh.org/charitablegiving.



Saks Fifth Avenue Key to the Cure Raises Money for Breast Cancer Research

The Highland Park Saks Fifth Avenue store partnered with Evanston Northwestern Healthcare last fall for its 2004 Key to the Cure event, which raised more than \$12,000 for breast cancer research. Organized by Highland Park Auxiliary member Barbara Paget, the event provided support for the Arthur G. Michel, MD, Breast Cancer Research Fellow.

The Auxiliary of Highland Park will partner with Saks for another Key to the Cure event on Oct. 28 and 29. Watch your mailbox for details.



Barbara Paget



2005 Gala Co-Chairs Meg Fox (left) and Laura Fenner get the event planning underway with a kick-off party underwritten by and held at the Hotel Orrington in downtown Evanston.



Save-the-Date: August 26-28 American Craft Exposition

The 21st Annual American Craft Exposition (ACE) sponsored by The Auxiliary of Evanston Northwestern Healthcare (ENH) will take place August 26 – 28 at the Henry Crown Sports Pavilion on Northwestern University's Evanston Campus.

Proceeds will support groundbreaking research into breast and ovarian cancer by the physicians and scientists of the ENH Research Institute and the Center for Medical Genetics, including studies examining the linkage between breast and ovarian cancers. Last year's event, chaired by Ann Burnstine and Diane Pekow, raised \$400,000.



ACE Co-Chairs Karen Ruberry and Jan McKnight

"ACE proceeds have helped fund a variety of research projects, including investigations of alternative therapies to hormone replacement, outcome studies on prognostic and predictive factors in breast cancer, and combination treatments of new drugs in early and advanced stages of breast cancer," said event co-chair Jan McKnight.

Co-chair Karen Ruberry noted, "In addition to sponsoring research initiatives, ACE is committed to directing proceeds to the



Ray Grady, President, Hospitals and Clinics, President and CEO of Evanston Hospital (left), congratulates wood artist Matthew Hatala at the 2004 American Craft Exposition. Hatala is one of 150 fine craftspeople whose work will be on display at the 2005 exposition.

establishment of a Breast and Ovarian Cancer Research Endowment to ensure that funds are available for research until a cure is found."

The exposition opens with a Benefit Preview Party and Collectors' Hour on Thursday, Aug. 25. Tickets are \$150 for the Collectors' Hour beginning at 5:30 p.m. and \$100 for the Preview Party beginning at 6:30 p.m. and include a three-day pass to the Exposition and admission to artist demonstrations. General admission tickets to the event are \$15 and include re-entry throughout the weekend. Tickets purchased in advance are \$12.

For more information, visit the ACE Web site at www.americancraftexpo.org or call (847) 570-5096.

The Auxiliary of Highland Park Hospital Raises Money for Women's Healthcare Services

As part of its \$1 million pledge to Women's Healthcare Services at Highland Park Hospital's new Ambulatory Care Center, The Auxiliary of Highland Park Hospital hosted "A Fashion Show in 3G (Grandkids, Grown-ups & Grandmoms)" and luncheon in March. Nearly 200 people attended the event held at the Suburban Fine Arts Center and the Highland Park Community House. Spring fashions from shops along the North Shore were modeled by Auxiliary members and their friends and family.



Highland Park Auxiliary Board members Linda Bronner (from left) and Maureen Buchholtz congratulate Benefit Committee members JoAnn Chaimson-Grossman and Joanna Brofman on a successful event, which raised money for Women's Healthcare Services.



The Amdur family—granddaughter Hannah (from left), mom Amy and grandmother Barbara—displays three generations of fashion in the Highland Park Auxiliary's "Fashion Show in 3G."

CAPSULES

"Capsules" highlights the recent professional and academic achievements of Evanston Northwestern Healthcare's professional staff, nursing staff and management. These activities include appointments, honors, presentations and published papers.

All faculty appointments listed below refer to Northwestern University's Feinberg School of Medicine unless otherwise noted.

PROFESSIONAL STAFF

Vimla Band, PhD, professor of medicine and director of the division of cancer biology, was awarded a three-year grant from the U.S. Department of Defense for her proposal "Human Mammary Epithelial Cell Transformation by Rho GTPase Through a Novel Mechanism" in January. Dr. Band gave the following presentations: "A Novel Oncogene Target, EIPR, That Regulates p53" at the International Conference on Tumor Progression and Therapeutic Resistance in Philadelphia, and "Novel Molecular Pathways in Breast Epithelial Cell Immortalization" at grand rounds at the University of Illinois at Chicago. Dr. Band also was a co-author of "Human ADA3 Binds to Estrogen Receptor (ER) and Functions as a Coactivator for ER-Mediated Transactivation" in *The Journal of Biological Chemistry* (2004;279:4230-4240).

H. Huntington Batjer, MD, professor and chair, department of neurological surgery, gave these presentations in February: "Special Techniques in Microsurgical Aneurysm Surgery—Basilar Apex Aneurysms," "Management of Cortical AVM," and "Point/Counterpoint on Appropriateness for Surgery in Brain AVMs" at the Eighth Joint Annual Meeting of the American Association of Neurological Surgeons/Congress of Neurological Surgeons Cerebrovascular Section in New Orleans and "To Clip or to Coil" at the Third Annual Meeting of the Neuro-Critical Society in Scottsdale, AZ. Dr. Batjer was a co-author of the following articles: "Surgical Management of a Ruptured Posterior Choroidal Intraventricular Aneurysm Associated with Moyamoya Disease Using Frameless Stereotaxy: Case Report and Review of the Literature" in *Neurosurgery* (2004;54:1019-1024), "Extended Lateral Transsylvian Approach for Basilar Bifurcation Aneurysms" in *Neurosurgery* (2004;55:174-178), "Neuroendovascular Interventions for Intracranial Posterior Circulation Disease via the Transradial Approach: Technical Case Report" in *Neurosurgery* (2004;56:626), "Update on Current Registries and Trials of Carotid Artery Angioplasty and Stent Placement" in the January 2005 issue of *Neurosurgical Focus*, "Part II: Ruptured Intracranial Aneurysms: The Case for Clipping" in *Clinical Neurosurgery* (2004;51:290-295), "Surgical Management of Intracranial Aneurysms Involving the Posteroinferior Cerebellar Artery" in *Contemporary Neurosurgery* (2004;26:1-7), "Unruptured Aneurysm of the Middle Cerebral Artery Presenting with Psychomotor Seizures: Case Study and Review of the Literature" in *Epilepsy and Behavior* (2004;5:420-428), "Late Morphological Progression of a Dissecting Basilar Artery Aneurysm After Staged

Bilateral Vertebral Artery Occlusion: Case Report" in *Surgical Neurology* (2005;63:236-243), "Ruptured Traumatic Vertebral Artery Pseudoaneurysm in a Child Treated with Trapping and Posterior Inferior Cerebellar Artery Reimplantation: Case Report and Review of the Literature" in the *Journal of Neurosurgery* (2005;102:231-237), "Development of a de Novo Cerebral Arteriovenous Malformation in a Child with Sickle Cell Disease and Moyamoya Arteriopathy: Case Report" in the *Journal of Neurosurgery* (2005;102:238-243), "Temporary and Permanent Occlusion of Cervical and Cerebral Arteries" in *Neurosurgical Clinics of North America* (2005;16:249-256), "Temporary Balloon Occlusion to Test Adequacy of Collateral Flow to the Retina and Tolerance for Endovascular Aneurysmal Coiling" in the *American Journal of Neuroradiology* (2004;25:1384-1386), and "Association of an Irregularly Shaped Anterior Choroidal Aneurysm with CREST Syndrome: Case Report" in the *Journal of Neurosurgery* (2004;101:854-857). Dr. Batjer also was a co-author of the following chapters: "Intracranial Aneurysm" in *Principles of Neurosurgery* (2nd ed.), published by Mosby; "Basilar Apex and Posterior Cerebral Artery Aneurysms" in *Youmans Neurological Surgery* (5th ed.), published by Saunders; "Giant Paraclinoid Carotid Aneurysm" in *Complex Tumors and Vascular Lesions: Neurosurgical Tactics and Approaches*, published by Thieme Medical Publishers; "Spinal Dural Vascular Malformations" and "Spinal Intradural Vascular Malformations" in *Spine Surgery: Techniques, Complication Avoidance, and Management* (2nd ed.), published by Churchill Livingstone; and "Intraoperative Aneurysm Rupture" in *Management of Cerebral Aneurysms*, published by Saunders.

Taizoon Baxamusa, MD, was inducted in February as a fellow of the American Academy of Orthopaedic Surgeons during ceremonies at the organization's 72nd annual meeting in Washington, D.C. Dr. Baxamusa was a co-author of "Capsulodesis of the Wrist for Scapholunate Dissociation," published in *Techniques in Hand and Upper Extremity Surgery* (2005;9:35-41).

Bernard R. Bendok, MD, assistant professor of neurological surgery and radiology, was awarded the Eleanor Wood-Prince Grant and held visiting professorships at the University of Kansas and Wayne State University. Dr. Bendok was a co-author of the chapter "The Role of Embolic Agents in the Endovascular Treatment of Intracranial Arteriovenous Malformations and Tumors" in the text *Minimally Invasive Neurosurgery*, published in 2005. Dr. Bendok also co-authored the following: "Neuroendovascular Interventions for Intracranial Posterior Circulation Disease via the Transradial Approach: Technical Case Report" in *Neurosurgery* (2005;56:626), "Update on Current Registries and Trials of Carotid Angioplasty and Stenting" in *Neurosurgical Focus* (2005;18:1-6), "Ruptured Intracranial Aneurysms" in *Clinical Neurosurgery* (2004;51:290-295), "Interactions Between Melatonin and Estrogen May Regulate Cerebrovascular Function in Women: Clinical Implications for the Effective Use of HRT During Menopause and Aging" in *Medical Hypotheses* (2005;64:725-735), "Late Morphological Progression of a Dissecting Basilar Artery Aneurysm Following Staged Bilateral Vertebral Artery Occlusion: Case Report" in *Surgical Neurology* (2005;63:236-243), "Temporary and Permanent Occlusion of Cervical and Cerebral Arteries" in



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Neurosurgery Clinics of North America (2005;16:249-256), and “Association of an Irregular Anterior Choroidal Aneurysm with CREST Syndrome: Case Report” in the *Journal of Neurosurgery* (2004;101:854-857).

Jonathan Berlin, MD, Assistant Professor of Radiology, presented “Practical Applications of Core Financial Concepts Relevant to Radiology” and “Buying vs. Leasing: An Analysis of the Issues” at the American College of Radiology Executive Education Series for Radiologists and Business Practice Managers: “Finance and Accounting—From Theory to Practical Applications in the Radiology Practice” in San Diego in January. Dr. Berlin also presented “Evaluating a New Radiology Related Business Venture” at the American College of Radiology 82nd Annual Meeting in Washington, D.C., in April and led a symposium titled “Essentials and Strategies for Managing the Radiology Practice” at the American Roentgen Ray Society annual meeting in New Orleans in May.

Richard Burnstine, MD, professor of pediatrics, has been appointed by Illinois Gov. Rod Blagojevich to serve on the Safe Games Illinois Task Force on Violent and Sexually Explicit Video Games.

Joseph A. Caprini, MD, MS, FACS, RVT, FACPh, professor of surgery and biomedical engineering, was appointed co-chair of the technical advisory panel and a member of the steering committee of the National Quality Forum, Deep Vein Thrombosis Project, of the Joint Commission on Accreditation of Healthcare Organizations in March. He also was appointed to the editorial board of *Phlebology*, the official journal of the Venous Forum of the Royal Society of Medicine, and has been appointed a reviewer for *Thrombosis Research and Archives of Internal Medicine*. Dr. Caprini was a discussant for the article “Decreasing the Incidence of Venous Thromboembolism in High-Risk Abdominal Surgery” in the *Journal of Clinical Prevention* (2004;1:8-10, 22-26). He presented the exhibit “Thrombosis Prophylaxis Following Total Knee Replacement” at the 17th Annual Meeting of the American Venous Forum held in San Diego in February. Dr. Caprini presented the following lectures in January: “The Treatment of Pulmonary Embolism” at the Society for Hospital Medicine Dinner Lecture in Chicago; “Thrombosis Prophylaxis: Clinical Update” at the Scripps Clinic in La Jolla; “Venous Thromboembolism: Clinical Update” at the Sharp Health Care CME Dinner Program in San Diego, at the San Diego Cardiac Center, and at the Sharp Memorial Hospital CME Conference in San Diego; and “DVT Prophylaxis” at CME grand rounds at Grossmont Hospital in La Mesa, CA. Also in January, Dr. Caprini participated in the “Prevention of Venous Thromboembolism International Consensus Statement” in Windsor, UK, was the team leader for the consensus statement on neurosurgery, and was a team member for a session on risk assessment, general and laparoscopic surgery, urology, vascular surgery, and elective spine surgery. In February, he presented “The New Anticoagulants,” “Molecular Markers of Thrombosis,” “Compression Stockings, Including Indications for Various Venous Disorders,” “Physician Knowledge, Attitudes, and Beliefs Regarding Venous Thromboembolism Treatment: Understanding Suboptimal Care in U.S. Hospitals,” “Risk Assessment for the Patient and the Doctor,” “Clinical Update: Review of Clinical Indications for Fondaparinux,” and was co-moderator of the scientific session “Chronic Venous Insufficiency” at the 17th annual meeting of the American Venous Forum in San Diego. In March, Dr. Caprini presented “The New Anticoagulants” to biomedical engineering

students at Northwestern University Tech Institute in Evanston and “Thromboembolism Prevention in Operated Obese Patients” at the Third International Alpine Obesity Surgery Expert Meeting in Saalfelden, Austria.

Charles Carroll IV, MD, associate professor of orthopaedic surgery, presented “Expert Witnesses: A Physician’s Perspective” at the American Academy of Orthopedic Surgeons Annual Meeting in February in Washington, DC. He also was a faculty member for an instructional course that dealt with the use of expert witnesses and participated as the expert witness on an orthopedic case in a mock trial at that meeting.

Laurie Casas, MD, FACS, associate professor of plastic and reconstructive surgery, co-authored “The Effect of Zafirlukast (Accolate) on Early Capsular Contracture in the Primary Augmentation Patient: A Pilot Study” in the *Aesthetic Surgery Journal* (2005;1:26-30).

Holly Casele, MD, assistant professor of obstetrics and gynecology, presented “Thromboprophylaxis at Cesarean Section: To Prophylax or Not to Prophylax?” and “Opinions Regarding Thromboprophylaxis in Pregnancy Are Highly Variable Among SMFM Members” at a meeting of the North American Society of Obstetric Medicine in Reno, NV. She presented “Midtrimester Dilation and Evacuation Does Not Increase the Risk for Subsequent Pregnancy Complications” and “Thromboprophylaxis at Cesarean with Intermittent Pneumatic Compression May Be Cost-Effective” at a meeting of the Society for Maternal Fetal Medicine. Dr. Casele also wrote “Low-Risk Patients Undergoing Cesarean Delivery Require Prophylaxis Against Deep Vein Thrombosis,” an article published in *The Female Patient* (2004;29:12-19).

Richard D. Chessick, MD, PhD, professor of psychiatry and behavioral sciences, wrote the following journal articles: “An Unfinished Experimental Didactic Novel: Chapter 9, Istanbul” (2004;6:55-70) and “An Unfinished Experimental Didactic Novel: Chapter 10, Milan” (2004;6:61-84), both of which were published in the Polish Psychiatric Association’s *Archives of Psychiatry and Psychotherapy*; “Psychoanalytic Supportive Psychotherapy of a Terrified Communist: Report of a 37-Year Treatment” in *The Journal of the American Academy of Psychoanalysis and Dynamic Psychiatry* (2004;32:287-301); “Another of the Interminable Revisiting of Freud’s Analysis Terminable and Interminable” in *The Journal of the American Academy of Psychoanalysis and Dynamic Psychiatry* (2004;32:421-428); and “The Silence of Socrates” in the *American Journal of Psychotherapy* (2004;58:406-419). Dr. Chessick presented “James Joyce’s Phantasmagoria and Lucia Joyce’s Schizophrenia” at the U.S. chapter of the International Society for the Psychological Treatments of the Schizophrenias and Other Psychoses in Chicago and at the Center for Psychoanalytic Study in the fall of 2004. He also presented “On the Silence of Socrates—The Mindless Brain” and “What Can Psychoanalysts Learn from the Development of Literary Theory?” at the winter meeting of the American Academy of Psychoanalysis and Psychodynamic Psychiatry in Washington, DC.

Richard F. Dennis, MD, senior associate, ophthalmology, was a co-author of “Transepithelial Phototherapeutic Keratectomy/Photorefractive Keratectomy (PTK/PRK) with Adjunctive Mitomycin-C for Complicated LASIK Flaps,” which was published in the *Journal of Cataract and Refractive Surgery* (2005;31:291-296).

Eleni V. Dimaraki, MD, assistant professor, department of medicine, division of endocrinology and metabolism, was awarded an R21 grant in the amount of \$220,000 in direct costs over two years from the National Institute of Aging to study "The Role of Ghrelin in Somatopause."

Goberdhan P. Dimri, PhD, assistant professor of medicine, division of cancer biology, was a co-author of "The Search for Biomarkers of Aging: Next Stop *INK4a/ARF* Locus," published in *Science of Aging Knowledge Environment* (2004;44:40) and "Mechanisms of Cellular Senescence in Human and Mouse Cells" in *Biogerontology* (2004;5:1-10).

Mara J. Dinsmoor, MD, MPH, associate professor, director of research in obstetrics and gynecology at ENH, was the formal discussant for "Timing of Prophylactic Antibiotic Administration in the Uninfected Laboring Gravida: A Randomized Clinical Trial" at the annual meeting of the Central Association of Obstetricians and Gynecologists in Washington, D.C. She was a co-presenter of "Late Second-Trimester Assessment of Pyelectasis (SERP) to Predict Pediatric Urological Outcome Is Improved by Checking Additional Features" at the annual meeting of the Society for Maternal Fetal Medicine in Reno, NV. Dr. Dinsmoor was the co-author of "Diagnostic Puzzler: A Simple UTI That Wasn't So Simple," which was published in *Contemporary Obstetrics and Gynecology* on-line in March.

Stephen C. Duck, MD, associate professor, Pediatric Endocrinology, has been recognized by the Diabetes Physician Recognition Program of the National Committee for Quality Assurance (NCQA) and the American Diabetes Association; the program promotes comprehensive, quality healthcare for people with diabetes by assessing physician performance on key measures of care.

Nicholas Dunkas, MD, assistant professor emeritus of clinical psychiatry, presented "The Role of the Hippocratic Tradition in Contemporary Medicine" at "Advances in Psychiatry," the World Psychiatric Association Regional & Intersectional Congress in March in Athens, Greece.

Randy J. Epstein, MD, professor, ophthalmology, Rush Medical College, presented "LASIK Complications," "Refractive Lens Surgery," "Immunologic Diseases of the Cornea," and "What Every Ophthalmologist Needs to Know About Wavefront Analysis" at the Montana Academy of Ophthalmology in late February and early March. Dr. Epstein was the co-director of the 14th Annual Rush University Ophthalmology Clinical Review Course, at which he presented "Congenital Corneal Anomalies," "Corneal Dystrophies," and "Corneal Degenerations," and was the co-director of a course on recent advances in anterior segment surgery at Illinois Masonic Medical Center, where he gave the lecture "Lens Surgery for the Correction of Refractive Errors." Dr. Epstein was a co-author of "Transepithelial Phototherapeutic Keratectomy/ Photorefractive Keratectomy (PTK/PRK) with Adjunctive Mitomycin-C for Complicated LASIK Flaps," which was published in the *Journal of Cataract and Refractive Surgery* (2005;31:291-296).

Tamara Fountain, MD, associate professor, ophthalmology, Rush Medical College, was elected to the American Academy of Ophthalmology Board of Trustees in January. She delivered grand rounds at Casey Eye Institute in Portland, OR, at the University

of Washington in Seattle, and at the University of Wisconsin in Milwaukee in January. She was the featured ethics lecturer at the Milwaukee Ophthalmological Society in January and was invited to give the 10th Annual Hogan-Ferguson Ethics Lecture at the Alamo Days Conference in San Antonio, TX, in March.

Constantine T. Frantzides, MD, PhD, FACS, professor of surgery and director of minimally invasive surgery, was a co-author of "Effect of Body Mass Index on Nonalcoholic Fatty Liver Disease in Patients Undergoing Minimally Invasive Bariatric Surgery," which was published in the *Journal of the Society of Laparoendoscopic Surgeons* (2004;8:849-855).



published in the *Journal of the Society of Laparoendoscopic Surgeons* (2004;8:849-855).

Neil Freedman, MD, FCCP, department of medicine, presented three lectures at the American College of Chest Physicians conference on sleep medicine, held in Scottsdale, AZ, in January: "Measurements and Determinants of Sleepiness," "Treatment of Obesity," and

"Shift-Work Sleep Disorder." Dr. Freedman also directed the clinical case review and polysomnography workshop sessions at that conference.

Michael Howard, MD, department of surgery, received the Best Paper by a Resident or Fellow in Clinical Research Award at the meeting of the Northeastern Society of Plastic Surgeons in January for his paper "Free Tissue Transfer in the Elderly: Incidence of Peri-Operative Complications Following Microsurgical Reconstruction of 211 Septuagenarians and Octogenarians." The paper will be published in the *Journal of Plastic and Reconstructive Surgery*.

Andrew Hunt, MD, clinical instructor, department of medicine, was named the medical director for USA Triathlon, November 2004, and will be completing United States Olympic Committee volunteer rotation in May 2005 in Colorado Springs, CO.

William K. Johnston III, MD, assistant professor, director of laparoscopy and minimally invasive urology, was the lead author of "Retroperitoneoscopic Radical and Partial Nephrectomy in the Patient with Cirrhosis," which was published in *Journal of Urology* (2005;173:1094-1097) and "Wireless Teleradiology for Renal Colic and Renal Trauma," which was published in the *Journal of Endourology* (2005;19:32-36). Dr. Johnston was a co-author of "Laparoscopic Partial Nephrectomy: Technique, Oncologic Efficacy, and Safety" in *Current Urological Reports* (2005;6:19-28) and was one of the authors of "Intermediate Follow-Up of Hand Assisted Laparoscopic Nephroureterectomy for Urothelial Carcinoma: Factors Associated with Outcomes" in the *Journal of Urology* (2005;173:1102-1107). Dr. Johnston also was a guest lecturer at the Seventh Great Lakes Urology Seminar, where he presented his research on hemostatic agents used during laparoscopic partial nephrectomy and reviewed his recent paper on the lessons learned during 100 laparoscopic partial nephrectomies.

Douglas Stanford Kaplan, MD, clinical instructor, ophthalmology, was elected treasurer of the Lake County Medical Society in January.

Gary A. Kaufman, MD, clinical instructor and vice-chair of internal medicine, was elected to Fellowship in the American College of Physicians.

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Andrew Lazar, MD, professor of clinical dermatology, spoke at the American Academy of Dermatology Association Leadership Forum in Orlando, FL, in January about the “House of Medicine” and the role of dermatologists in governmental affairs. Dr. Lazar also gave two presentations, one on SkinPAC and another on the political climate for the practice of dermatology in the future, at the American Academy of Dermatology Annual Meeting in New Orleans in February.

Ruth Lupu, PhD, associate professor of medicine and director of ENH breast cancer research, department of medicine, was a co-author of the following journal articles: “Dietary Fatty Acids Regulate the Activation Status of Her-2/*neu* (*c-erbB-2*) Oncogene in Breast Cancer Cells” in *Annals of Oncology* (2004;15:1719-1721), “Fatty Acid Synthase (FAS)-Catalyzed *de Novo* Fatty Acid Biosynthesis: From Anabolic-Energy-Storage Pathway in Normal Tissues to Jack-of-All-Trades in Cancer Cells” in *Archivum Immunologiae et Therapiae Experimentalis* (2004;52:414-426), “A Novel CYR61-Triggered CYR61-Alpha(v)Beta(3) Loop Regulates Breast Cancer Cell Survival and Chemosensitivity Through Activation of ERK1/ERK2 MAPK Signaling Pathway” in *Oncogene* (2005;24:761-779), “Why Does Fatty Acid Synthase (Oncogenic Antigen-519) Ignore Dietary Fatty Acids?” in *Medical Hypotheses* (2005;64:342-349), “Inhibition of Fatty Acid Synthase (FAS)-Dependent Neoplastic Lipogenesis as the Mechanism of Gamma Linolenic Acid-Induced Toxicity to Tumor Cells: An Extension to Nwankwo’s Hypothesis” in *Medical Hypotheses* (2005;64:337-341), “In support of Fatty Acid Synthase (FAS) as a Metabolic Oncogene: Extracellular Acidosis Acts in an Epigenetic Fashion Up-Regulating FAS Gene Expression in Cancer Cells” in *Journal of Cellular Biochemistry* (2005;94:1-4), “Targeting Fatty Acid Synthase (FAS)-Driven Lipid Rafts: A Novel Strategy to Overcome Trastuzumab Resistance in Breast Cancer Cells” in *Medical Hypotheses* (2005;64:997-1001), “Pharmacological and Small Interference RNA-Mediated Inhibition of Breast Cancer-Associated Fatty Acid Synthase (Oncoantigen-519) Synergistically Enhances Taxol (Paclitaxel)-Induced Cytotoxicity” in *International Journal of Cancer* (2005;115:19-35), “RNA-Interference-Mediated Silencing of the p53 Tumor-Suppressor Protein (TP53) Drastically Increases Apoptosis After Inhibition of Endogenous Fatty Acid Metabolism in Breast Cancer cells” in *International Journal of Molecular Medicine* (2005;15:33-40), “Obesity, Fatty Acid Synthase, and Cancer: Serendipity or Forgotten Causal Linkage?” in *Molecular Genetics and Metabolism* (2005;84:293-295), “The Statin Orlistat: From Anti-Obesity Drug to Anti-Cancer Agent in Her-2/*neu* (*erbB-2*)-Overexpressing Gastrointestinal Tumors?” in *Experimental Biology and Medicine* (2005;230:151-154), “Omega-6 Polyunsaturated Fatty Acid Gamma-Linolenic Acid (18:3n-6) Enhances Docetaxel Cytotoxicity in Human Breast Cancer Cells: Relationship to Lipid Peroxidation and HER-2 Expression” in *Oncology Reports* (2004;11:1241-1252), “Oleic Acid, the Main Monounsaturated Fatty Acid of Olive Oil, Suppresses Her-2/*neu* (*erbB-2*) Expression and Synergistically Enhances the Growth Inhibitory Effects of Trastuzumab (Herceptin) in Breast Cancer Cells with Her-2/*neu* Oncogene Amplification” in *Annals of Oncology* (2005;16:359-371), “Does Endogenous Fatty Acid Metabolism Allow Cancer Cells to Sense Hypoxia and Mediate Hypoxic Vasodilatation? Characterization of a Novel Molecular Connection Between Fatty Acid Synthase (FAS) and Hypoxia-Inducible Factor-1alpha (HIF-1alpha)-Related Expression of Vascular Endothelial Growth Factor (VEGF) in Cancer Cells

Overexpressing Her-2/*neu* Oncogene” in *Journal of Cellular Biochemistry* (2005;94:857-863), and “Heregulin-Triggered Her-2/*neu* Signaling Enhances Nuclear Accumulation of p21^{WAF1/CIP1} and Protects Breast Cancer Cells from Cisplatin-Induced Genotoxic Damage” in *International Journal of Oncology* (2005;26:649-660). Dr. Lupu was a co-author of “Alpha,Beta₃ Integrin Regulates Heregulin (HRG)-Induced Cell Proliferation and Survival in Breast Cancer” in *Oncogene*, which was published electronically on March 14, 2005.

Marian S. Macsai, MD, professor and vice chair of the department of ophthalmology, chief of the division of ophthalmology at Evanston Northwestern Healthcare, was a coordinator for the scientific program “Case Studies in Herpes Simplex: Managing Difficult Challenges.” In January, she presented “Tissue Adhesives” at the Women in Ophthalmology’s Cornea Dinner in Chicago. In March, she was an instructor for “Mi Tecnica Acostumbrada en Queratoplastia” at the Pan-American Congress of Ophthalmology in Santiago, Chile. She was guest speaker at the University of Iowa Hospitals and Clinics Cornea Clinical Conference in Iowa City, IA, where she presented “Management of Anterior Segment Trauma,” “Phakic IOLs,” and “Ocular Surface Disease and LASIK.” Dr. Macsai was the author of “Corneal Ulcers in Two Children Wearing Paragon Corneal Refractive Therapy (CRT) Lenses,” which has been published in *Eye Contact Lens* (2005; 31:9-11); she is a co-author of “Recurrence of Chromosome 10 Thiel-Behnke Corneal Dystrophy (CDB2) After Excimer Laser Phototherapeutic Keratectomy or Penetrating Keratoplasty,” which was published in *Cornea* (2005;1:45-50). Dr. Macsai wrote the chapter “Nidek Excimer Laser Corneal Surgery System” for the book *Refractive Surgery Handbook: Surgical Guides and Practice Cases*.

Max Maizels, MD, senior attending and professor of urology, was a co-presenter of “Late Second-Trimester Assessment of Pyelectasis (SERP) to Predict Pediatric Urological Outcome Is Improved by Checking Additional Features” at the Annual Meeting of the Society for Maternal Fetal Medicine in Reno, NV.

Parag A. Majmudar, MD, associate professor, ophthalmology, Rush Medical College, was a co-author of “Transepithelial Phototherapeutic Keratectomy/Photorefractive Keratectomy (PTK/PRK) with Adjunctive Mitomycin-C for Complicated LASIK Flaps,” published in the *Journal of Cataract and Refractive Surgery* (2005; 31:291-296). Dr. Majmudar also wrote the article “Personal Experience with Amniotic Membrane Transplantation,” which was published in the January 2005 issue of *Cataract and Refractive Surgery Today*. As an invited speaker, he presented “Haze Prevention Strategies in Surface Ablation” at the 63rd All-India Ophthalmological Society Conference in Bhubaneswar, India, in January. Dr. Majmudar was selected as an international council representative for the USA International Society of Refractive Surgery-American Academy of Ophthalmology; he also was selected to be a member of the American Academy of Ophthalmology Refractive Surgery Subcommittee.

Javier A. Menendez, PhD, breast cancer research scientist in the department of medicine, was a co-author of the following journal articles: “Dietary Fatty Acids Regulate the Activation Status of Her-2/*neu* (*c-erbB-2*) Oncogene in Breast Cancer Cells” in *Annals of Oncology* (2004;15:1719-1721), “Fatty Acid Synthase (FAS)-Catalyzed *de Novo* Fatty Acid Biosynthesis: From Anabolic-Energy-Storage Pathway in Normal Tissues to Jack-of-All-Trades in Cancer Cells” in *Archivum Immunologiae et Therapiae Experimentalis*

(2004;52:414-426), "A Novel CYR61-Triggered CYR61-Alpha(v)Beta(3) Loop Regulates Breast Cancer Cell Survival and Chemoresponsiveness Through Activation of ERK1/ERK2 MAPK Signaling Pathway" in *Oncogene* (2005;24:761-779), "Why Does Fatty Acid Synthase (Oncogenic Antigen-519) Ignore Dietary Fatty Acids?" in *Medical Hypotheses* (2005;64:342-349), "Inhibition of Fatty Acid Synthase (FAS)-Dependent Neoplastic Lipogenesis as the Mechanism of Gamma Linolenic Acid-Induced Toxicity to Tumor Cells: An Extension to Nwankwo's Hypothesis" in *Medical Hypotheses* (2005;64:337-341), "In support of Fatty Acid Synthase (FAS) as a Metabolic Oncogene: Extracellular Acidosis Acts in an Epigenetic Fashion Up-Regulating FAS Gene Expression in Cancer Cells" in *Journal of Cellular Biochemistry* (2005;94:1-4), "Targeting Fatty Acid Synthase (FAS)-Driven Lipid Rafts: A Novel Strategy to Overcome Trastuzumab Resistance in Breast Cancer Cells" in *Medical Hypotheses* (2005;64:997-1001), "Pharmacological and Small Interference RNA-Mediated Inhibition of Breast Cancer-Associated Fatty Acid Synthase (Oncoantigen-519) Synergistically Enhances Taxol (Paclitaxel)-Induced Cytotoxicity" in *International Journal of Cancer* (2005;115:19-35), "RNA-Interference-Mediated Silencing of the p53 Tumor-Suppressor Protein (TP53) Drastically Increases Apoptosis After Inhibition of Endogenous Fatty Acid Metabolism in Breast Cancer cells" in *International Journal of Molecular Medicine* (2005;15:33-40), "Obesity, Fatty Acid Synthase, and Cancer: Serendipity or Forgotten Causal Linkage?" in *Molecular Genetics and Metabolism* (2005;84:293-295), "The Statin Orlistat: From Anti-Obesity Drug to Anti-Cancer Agent in Her-2/*neu* (*erbB-2*)-Overexpressing Gastrointestinal Tumors?" in *Experimental Biology and Medicine* (2005;230:151-154), "Omega-6 Polyunsaturated Fatty Acid Gamma-Linolenic Acid (18:3n-6) Enhances Docetaxel Cytotoxicity in Human Breast Cancer Cells: Relationship to Lipid Peroxidation and HER-2 Expression" in *Oncology Reports* (2004;11:1241-1252), "Oleic Acid, the Main Monounsaturated Fatty Acid of Olive Oil, Suppresses Her-2/*neu* (*erbB-2*) Expression and Synergistically Enhances the Growth Inhibitory Effects of Trastuzumab (Herceptin) in Breast Cancer Cells with Her-2/*neu* Oncogene Amplification" in *Annals in Oncology* (2005;16:359-371), "Does Endogenous Fatty Acid Metabolism Allow Cancer Cells to Sense Hypoxia and Mediate Hypoxic Vasodilatation? Characterization of a Novel Molecular Connection Between Fatty Acid Synthase (FAS) and Hypoxia-Inducible Factor-1alpha (HIF-1alpha)-Related Expression of Vascular Endothelial Growth Factor (VEGF) in Cancer Cells Overexpressing Her-2/*neu* Oncogene" in *Journal of Cellular Biochemistry* (2005;94:857-863), and "Heregulin-Triggered Her-2/*neu* Signaling Enhances Nuclear Accumulation of p21^{WAF1/CIP1} and Protects Breast Cancer Cells from Cisplatin-Induced Genotoxic Damage" in *International Journal of Oncology* (2005;26:649-660). Dr. Lupu was a co-author of "Alpha_vBeta₃ Integrin Regulates Heregulin (HRG)-Induced Cell Proliferation and Survival in Breast Cancer" in *Oncogene*, which was published electronically on March 14, 2005.



Chadwick Prodrornos, MD, had two papers published in the February issue of the journal *Arthroscopy*: "Stability Results of Hamstring Anterior Cruciate Ligament Reconstruction at Two-to Eight-Year Follow-Up" (2005;21:130-137) and "Posterior Mini-Incision Technique for Hamstring Anterior Cruciate Ligament Reconstruction Graft Harvest" (2005;21:138-146). Dr. Prodrornos also gave the poster presentation "A Meta-Analysis of Anterior Cruciate Ligament Reconstruction Stability Rates as a Function of Hamstring Versus Bone-Patellar-Tendon Bone Graft Selection and Fixation Type" at a meeting of the International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine in Hollywood, FL.

Todd K. Rosengart, MD, Professor of Surgery, Owen L. Coon Chair of Cardiothoracic Surgery, and head of the division of cardiothoracic surgery, was a co-author of the chapter "Angiogenesis Clinical Trials," published in *Heart Disease: Pathogenesis, Diagnosis and Treatment—Proceedings of the 3rd World Congress on Heart Disease—New Trends in Research, Diagnosis and Treatment* published by Medimond in 2004.

Thomas S. Roukis, DPM, FACFAS, was co-author of: "Predicting Articular Erosion in Hallux Valgus: Clinical, Radiographic, and Intra-Operative Analysis" in the *Journal of Foot and Ankle Surgery* (2005;44:13-21) and "Adipofasciocutaneous V-Y 'Hammock' Flap Coverage of Soft-Tissue Defects of the Dorsal Forefoot and Toes" in *Plastic and Reconstructive Surgery* (2004;113:1519-1521). Last fall, Dr. Roukis presented "Intramedullary Nailing and External Fixation of the Hindfoot and Ankle: The Do's and Do Not Do's" and "Surgical Correction of Posterior Tibial Tendon Dysfunction: History, Indications, and Operative Technique" at the Illinois Podiatric Medical Association Annual Meeting. At the American College of Foot and Ankle Surgeons Surgical Skills Course on advanced applications of external fixation for the foot and ankle in Memphis, he presented "Taylor Spatial Frame for Foot and Ankle Deformity Correction" as a lecture and laboratory workshop, "Use of the Ilizarov External Fixation System for Repair of Severe Ankle Fractures" as a laboratory workshop, and "Use of the Ilizarov External Fixation System for Arthrodiastasis of the Ankle Joint." He also presented the following at the Minnesota Podiatric Mega-Conference in Minneapolis: "Intramedullary Nailing and External Fixation of the Hindfoot and Ankle: Personal Experience," "Hallux Limitus: State of the Art," and "Practical Field Guide for Plastic Surgery Wound Coverage in Treating the Diabetic Foot." In March at the American College of Foot and Ankle Surgeons 63rd Annual Scientific Conference in New Orleans, Dr. Roukis presented "Treatment of Displaced Intra-articular Calcaneal Fractures with Triangular Tube-to-Bar External Fixation: Long-Term Clinical Follow-Up and Radiographic Analysis," "First Ray Hypermobility: Does it Exist?" "Lesser Metatarsal Osteotomy: Forefoot Internal Fixation," and "Midshaft Osteotomy: First Ray Internal Fixation Workshop."

Wendy S. Rubinstein, MD, PhD, FACMG, director, Center for Medical Genetics, and assistant professor of medicine, gave the poster presentation "Gene Expression Profiling of *BRCA1* Germline-Mutated Breast Carcinomas Supports Role of *BRCA1* as a Stem-Cell Regulator" at an American Association for Cancer Research meeting on dissecting cancer through genome research in San Diego, CA. She presented to a special symposium "Breast Health Bulletin: A Call to Action for Illinois Women" at Evanston Northwestern Healthcare in Evanston; she also presented "Ovarian Cancer Whispers, the *BRCA* Genes Shout" at the Peoria Jewish United Federation for "Ellyn's Whisper" Women's Roundtable in Peoria, IL.

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Timothy A. Sanborn, MD, professor of medicine and head, division of cardiology, presented “Denial: The Newest Risk Factor for Women” at a Women’s Heart Program in Glencoe, IL, in February. In March he presented “Percutaneous Valve Repair/Replacement” at the American College of Cardiology Annual Scientific Meeting, in Orlando, FL. Dr. Sanborn was the co-author of “Management Strategies for Cardiogenic Shock,” published in *Current Opinion in Cardiology* (2004;19:608-612) and was the co-author of two book chapters: “Pericardiocentesis, Balloon Pericardiomy, and Special Techniques,” published in *The Interventional Cardiac Catheterization Handbook* (2nd ed.), and “Angiogenesis Clinical Trials,” in *Heart Disease: Pathogenesis, Diagnosis and Treatment—Proceedings of the 3rd World Congress on Heart Disease—New Trends in Research, Diagnosis and Treatment*, published by Medimond in 2004.

Gary S. Shapiro, MD, orthopaedic surgery, was a co-author of “Vascularity of the Hip Labrum: A Cadaveric Investigation,” published in *Arthroscopy* (2005;21:3-11), and the chapter “Congenital Deformity,” published in *Orthopaedic Surgery Essentials: Spine*. Dr. Shapiro also was a co-presenter of “Multilevel Spinal Growth Modulation with an Anterolateral Flexible Tether in an Immature Bovine Model” at the 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons in Washington, DC.

Jennifer Hasenyager Smith, MD, FACS, assistant professor, ophthalmology, wrote the article “Teaching Phacoemulsification in U.S. Ophthalmology Residencies: Can the Quality Be Maintained?” in *Current Opinion in Ophthalmology* (2005;16:27-32).

Stuart M. Sprague, DO, chief of the division of nephrology and hypertension and professor of medicine, presented “Review of Disorders of Bone and Mineral Metabolism” at the American Society of Nephrology Second Annual Regional Meetings held in Washington, D.C.; Chicago; and Seattle earlier this year. He also presented “Meeting Therapeutic Goals with Vitamin D Therapy” and “New Phosphate Binders” at the Annual Dialysis Conference held in Tampa, FL, and “Addressing the Therapeutic Goals in the Management of Renal Bone Disease” during renal grand rounds at Brigham and Women’s Hospital/Massachusetts General Hospital, Harvard Medical School, in March. Dr. Sprague was the chairperson of the Second Annual Regional Meeting of the American Society of Nephrology that was held in Chicago in February. He also wrote the chapter “Bone Disease After Kidney-Pancreas and Pancreas Transplantation” for the book *Bone Disease of Organ Transplantation*, published by Elsevier Academic Press.

Van P. Stamos, MD, clinical instructor, department of orthopaedic surgery, was a faculty member for the course “Minimally Invasive Surgery in Total Joint Arthroplasty” in Athens, Greece, last fall. His presentations included “MIS Mid-Vastus Approach for Total Knee Arthroplasty,” “MIS Posterior Approach for Total Hip Arthroplasty,” and “Computer-Assisted Orthopaedic Surgery for Total Knee Arthroplasty.” In addition, he was the moderator for cadaveric demonstrations. Dr. Stamos gave two presentations as faculty at the CME conference, “Transforming Orthopaedics: Technology for Improved Surgical Outcomes” in Whistler, British Columbia, Canada, in March: “Management of Severe Varus Deformity in Total Knee Arthroplasty” and “Extensor Mechanism Reconstruction in Total Knee Arthroplasty.”

Jerry J. Sweet, PhD, ABPP (CN, CL), director, neuropsychology service; head, psychology division; vice chairman, department of psychiatry and behavioral sciences; and professor, department of psychiatry and behavioral sciences, was a co-presenter of “Baseline Neurocognitive Functioning of Cardiac Patients with Low Risk of Brain Dysfunction: Evidence of Impairment Prior to Intervention” at the 2005 meeting of the Society of Thoracic Surgery in Tampa, FL. He was a co-presenter of “Cognitive Functioning Among Breast Cancer Patients Prior to Chemotherapy” at the 2005 meeting of the American Psychosocial Oncology Society in Phoenix.

Martha Twaddle, MD, FACP, FAAHPM, assistant professor of medicine, chief medical officer for the Palliative Care Center and Hospice of the North Shore, received the Josefina B. Magno Distinguished Hospice Physician Award in January at the American Academy of Hospice and Palliative Medicine’s annual assembly in New Orleans.

Robert M. Wolfe, MD, assistant professor, department of family medicine, was a co-author of “Communicating the Benefits and Risks of Vaccines” in a special supplement on vaccines across the life span published in the *Journal of Family Practice* (2005;54:S51-S57).

Nancy M. Young, MD, associate professor of otolaryngology, presented “Children with Complicating Disorders: Are They Being Implanted and Do They Benefit?” at the 10th Symposium on Cochlear Implants in Children, held in March in Dallas.

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Lynn Boecler, PharmD, presented “Implementation of a Pharmacy Computer System Integrated with an Electronic Health Record” to the American Society for Health-System Pharmacists’ Midyear Clinical Meeting in December in Orlando, FL.

Doina Dumitru, PharmD, presented “Implementing CPOE for Medications in the Peri-operative Setting” to the American Society for Health-System Pharmacists’ Midyear Clinical Meeting in December in Orlando, FL.

Karen Grogan, PharmD, presented “Utilizing the Electronic Health Record with Computer Physician Order Entry to meet the JCAHO National Patient Safety Goals Related to Medication Safety” at the Chicago Patient Safety Forum in March.

Karen Kelly, PharmD, presented “Design and Implementation of Neonatal Medication Ordering in a Computerized Physician Order Entry System” at the American Society for Health-System Pharmacists’ Midyear Clinical Meeting in December in Orlando, FL.

Nancy A. Rodriguez, NP, Clinical Coordinator for Lactation Program in the ISCU, was a co-author of “Sharing the Science on Human Milk Feedings With Mothers of Very-Low-Birth-Weight Infants,” which was published in the *Journal of Obstetric, Gynecologic & Neonatal Nursing* (2005;34:109-119).

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