

ROBERT H. LURIE COMPREHENSIVE CANCER CENTER



ROBERT H. LURIE
COMPREHENSIVE CANCER CENTER
OF NORTHWESTERN UNIVERSITY

NEWS

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WALK THIS WAY!

17th Annual Cancer Survivors' Celebration & Walk on June 6th

The 17th Annual **Cancer Survivors' Celebration & Walk** is the Lurie Cancer Center's tribute to cancer survivors, and the strides made in cancer treatment and research. The Walk takes place on **Sunday, June 6th**, National Cancer Survivors Day.

The four-mile non-competitive walk, which begins in **Grant Park** at the corner of Columbus and Balbo Drives and continues along Chicago's lakefront, is expected to draw close to 4,000 participants—bringing together cancer survivors, family and friends with the physicians, scientists and health professionals who support them.

The celebration begins at 8:00 a.m. and the Walk steps off at 9:00. A day of festivities for the family includes an opportunity to sign the Dedication Wall, a picnic lunch, music, entertainment and more. **No pledges are required.**

Registration is \$15 in advance and \$25 on walk day.

Additional information and online registration is open at cancer.northwestern.edu.



Lynn Sage Comprehensive Breast Center Receives National Accreditation

The Lynn Sage Comprehensive Breast Center has been recognized by the National Accreditation Program for Breast Centers (NAPBC) for its "firm commitment to offer its patients every significant advantage in their battle against breast disease." Lynn Sage is the only academic medical center in Chicago to have received a three-year, full accreditation from the NAPBC, given to those centers that have voluntarily committed to provide the highest level of quality breast care and that undergo a rigorous evaluation and review of their performance.

The criteria are as follows:

- A multidisciplinary, team approach to coordinate the best care and treatment options available
- Access to breast cancer-related information, education and support
- Breast cancer data collection on quality indicators for all subspecialties involved in breast cancer diagnosis and treatment
- Ongoing monitoring and improvement of care
- Information about clinical trials and new treatment options

Learn more about the NAPBC at <http://accreditedbreastcenters.org/>

Cancer Center News and Notes

Malcolm DeCamp Joins Northwestern as Chief of Thoracic Surgery



Malcom M. DeCamp, MD

Malcolm M. DeCamp, MD, has joined Northwestern as Chief of the Division of Thoracic Surgery at Northwestern Memorial Hospital, Professor of Surgery at the Feinberg School of Medicine, and as a member of the Robert H. Lurie Comprehensive Cancer Center of Northwestern University.

Most recently, Dr. DeCamp served as Visiting Associate Professor of Surgery at Harvard Medical School and Chief of the Division of Cardiothoracic Surgery at Beth Israel Deaconess Medical Center in Boston.

Previously, he directed the lung transplant program at the Cleveland Clinic, where he led their lung transplant program to rank consistently among the top five programs in the nation. Dr. DeCamp's research focus is on genetic, phenotypic and physiologic mechanisms to explain the response to interventions for severe emphysema.

Clinically, Dr. DeCamp's research is centered on outcome analysis following the multidisciplinary management of lung, esophageal and thymic malignancy as well as on innovation and refinement of minimally invasive techniques for thoracic surgery.

Board-certified in general surgery and thoracic surgery, Dr. DeCamp specializes in surgery for benign and malignant lung, tracheo-bronchial, esophageal, mediastinal and chest wall disorders. In addition to thoracic oncology, he maintains an interest in advanced lung diseases, lung transplantation, lung volume reduction surgery and minimally-invasive surgery for a variety of chest diseases.

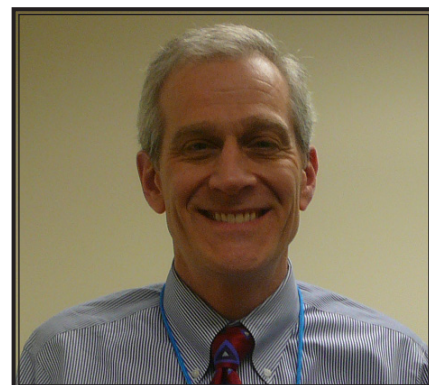
His academic achievements include the President's Award for original research from the Southern Thoracic Surgical Association. On the national level, Dr. DeCamp chairs the Workforce on General Thoracic Surgery for the Society of Thoracic Surgeons. While at Beth Israel, he directed the Thoracic Oncology Program and the Chest Diseases Center and served as Program Director for their Cardiothoracic Residency Program. He has lectured on four continents, authored more than 100 articles in numerous professional publications and contributed 30 chapters to a variety of medical, surgical and oncologic texts.

Dr. DeCamp can be reached at m-jr@northwestern.edu or 312.695.4630.

David Sitton Joins Lurie Clinical Cancer Center as Practice Manager

David Sitton has joined the Robert H. Lurie Comprehensive Cancer Center of Northwestern University at Northwestern Medical Faculty Foundation (NMFF) as Practice Manager. He brings extensive experience in ambulatory operations and clinical management from Alexian Brothers Healthcare System and MacNeal Health Network, to his new role.

As Practice Manager, Sitton will manage front-end operations of the outpatient Clinical Cancer Center on the 21st floor of Galter Pavilion and the Women's Cancer Program in Prentice Women's Hospital. His responsibilities include patient financial counseling, operations in the phone room, new patient intake, check-in/ check-out, medical records, and the patient service representative (schedulers). In addition, Sitton will work with other members of the Lurie Cancer Center's leadership team to improve service for faculty, patients, volunteers and staff.



David Sitton

Sitton can be reached at 312.695.1143 (office), 312.695.5271 (pager), dsitton@nmff.org or stop by his office on Galter 21.

Cancer Center News and Notes

Lurie Cancer Center Pioneers Use of caBIG® to Improve Patient Experience



Warren Kibbe, PhD

According to Lyle Berkowitz, MD, an internist with Northwestern Memorial Physicians Group (NMPG), a diagnosis of cancer marks “an inflection point in healthcare,” that triggers a series of complex and potentially confusing actions. Berkowitz recognized the need to provide guidance to patients and their physicians at these points, and turned to a combination of process and technology built upon the Cancer Biomedical Informatics Grid (caBIG) Patient Study Calendar (PSC). “We recognized that PSC could be easily modified to do exactly what we needed,” says Warren Kibbe, PhD, Director of Bioinformatics at the Lurie Cancer Center, who led the development effort.

“Most primary care physicians do not deliver a diagnosis of cancer very frequently,” explains Berkowitz. “They may not be current on the protocol for workup or exactly what the patient should do next.” Berkowitz led a research effort under the auspices of the Szollosi Healthcare Innovation Program (SHIP), a nonprofit organization he founded and directs.

Dr. Berkowitz and his colleagues at the Lurie Cancer Center created a five-step checklist to provide the formal guidance, but he also recognized that if the list could be translated into a technology tool, it would be simpler for physicians to use and acceptance would be higher. When Kibbe learned more about the functional requirements for this tool, he realized that a foundation was already available in the caBIG® Patient Study Calendar (PSC), a tool to help patients and their care providers follow while on a clinical trial.

The modified PSC (called iNav), now in place at Northwestern University, leverages existing resources to help physicians communicate important information to their patients, consistently and easily. This powerful combination of process, technology, and personnel is the pilot for a Northwestern comprehensive Patient Navigator Program which is currently being used with patients initially seen at NMPG.

iNav is now freely accessible to the global bioinformatics community under an MIT Open Source license. The full code base may be found online at <http://github.com/mgurley/inav>. Questions may be directed to Mike Gurley at m-gurley@northwestern.edu, Sean Whitaker at s-whitaker@northwestern.edu, or Warren Kibbe at wakibbe@northwestern.edu.

Chad Mirkin is Top-Ranked Chemist of the Decade



Chad Mirkin, PhD

Lurie Cancer Center member and Northwestern University researcher Chad Mirkin, PhD, a renowned leader in nanotechnology research and its application, is the world’s top-ranked chemist spanning the last decade in terms of papers cited and published.

This is according to a recent update of the Thomson Reuters Essential Science Indicators that shows Mirkin as the author of 200-plus papers over the last decade. During that period, he had more than 18,000 collective citations and an average of 85 citations per paper, making him the number-one ranked author in the chemistry category in total citations and second in most citations per paper.

Cancer Center News and Notes

Game-Changing Nanodiamond Discovery for MRI

Dramatically enhanced image contrast could revolutionize diagnostics and therapeutics



Thomas Meade, MD

A Northwestern University study shows that coupling a magnetic resonance imaging (MRI) contrast agent to a nanodiamond results in dramatically enhanced signal intensity and thus vivid image contrast.

“The results are a leap and not a small one -- it is a game-changing event for sensitivity,” said Thomas J. Meade, PhD, the Eileen Foell Professor in Cancer Research in the Weinberg College of Arts and Sciences and the Feinberg School of Medicine. “This is an imaging agent on steroids. The complex is far more sensitive than anything else I’ve seen.”

Meade led the study along with Dean Ho, PhD, assistant professor of biomedical engineering and mechanical engineering in the McCormick School of Engineering and Applied Science. Ho already has demonstrated that the nanodiamonds have excellent biocompatibility and can be used for efficient drug delivery. This new work paves the way for the clinical use of nanodiamonds to both deliver therapeutics and

remotely track the activity and location of the drugs. The ability to image nanodiamonds in vivo would be useful in biological studies where long-term cellular fate mapping is critical, such as tracking beta islet cells or tracking stem cells.

A noninvasive medical imaging technique that uses an intravenous contrast agent to produce detailed images of internal structures in the body, MRI is capable of deep tissue penetration, achieves an efficient level of soft tissue contrast with high spatial and time-related resolution, and does not require ionizing radiation. Contrast agents are used in MRI because they alter the relaxivity (contrast efficacy indicator) and improve image resolution. Gadolinium (Gd) is the material most commonly used as an MRI contrast agent, but its contrast efficacy can be improved.

Meade, Ho and their colleagues developed a gadolinium(III)-nanodiamond complex that, in a series of tests, demonstrated a significant increase in relaxivity and, in turn, a significant increase in contrast enhancement. The Gd(III)-nanodiamond complex demonstrated a greater than 10-fold increase in relaxivity -- among the highest per Gd(III) values reported to date. This represents an important advance in the efficiency of MRI contrast agents.

Ho and Meade imaged a variety of nanodiamond samples, including nanodiamonds decorated with various concentrations of Gd(III), undecorated nanodiamonds and water. The intense signal of the Gd(III)-nanodiamond complex was brightest when the Gd(III) level was highest.

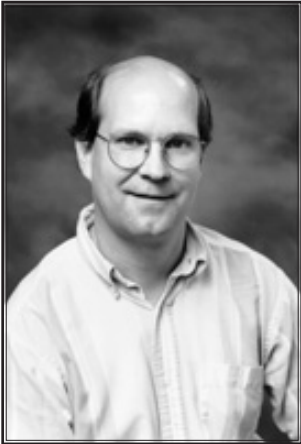
“Nanodiamonds have been shown to be effective in attracting water molecules to their surface, which can enhance the relaxivity properties of the Gd(III)-nanodiamond complex,” said Ho. “This might explain why these complexes are so bright and such good contrast agents.”

“The nanodiamonds are utterly unique among nanoparticles,” Meade said. “A nanodiamond is like a cargo ship -- it gives us a nontoxic platform upon which to put different types of drugs and imaging agents.” Nanodiamonds are carbon-based materials approximately four to six nanometers in diameter. Each nanodiamond’s surface possesses carboxyl groups that allow a wide spectrum of compounds to be attached to it, not just gadolinium(III).

Meade has pioneered the design and synthesis of chemical compounds for applications in cancer detection, cellular signaling and gene regulation. Dr. Ho has pioneered the development of nanodiamonds and has demonstrated their efficiency as drug delivery vehicles. For more information on their research, visit <http://www.northwestern.edu/newscenter/stories/2010/01/mri.html>

Cancer Center News and Notes

Tourtellotte Appointed Associate Director of Medical Scientist Training Program



Warren G. Tourtellotte, MD, PhD

Warren G. Tourtellotte, MD, PhD, Associate Professor of Pathology, Neurology and Neuroscience at Northwestern University Feinberg School of Medicine, was recently appointed Associate Director of the Medical Scientist Training Program (MSTP) — a premier biomedical research program that has trained more than 220 MD/PhD physician-scientists for careers in academic medicine, government and the biotechnology-pharmaceutical industry.

Tourtellotte, a member of the Lurie Cancer Center, has served in other leadership roles at the medical school including Director of the Northwestern Transgenic and Targeted Mutagenesis Laboratory and Director of the Northwestern Research Histology and Phenotyping Laboratory. Tourtellotte has also been active in the MSTP, having served as director of admissions, class advisor to current second-year students, and research advisor to two MD/PhD graduates as well as a current student.

In addition to his NIH-funded research program, Tourtellotte participates in the practice of anatomic pathology and neuropathology at Northwestern Memorial Hospital. The Tourtellotte Lab focuses on transcriptional regulation in central and peripheral nervous system development, and his research has been published in leading journals such as *Science*, *Nature Genetics*, *Journal of Cell Biology* and *Development*.

David M. Engman, MD, PhD, Sandra Lee, PhD, and Hossein Ardehali, MD, PhD, will continue as MSTP Director, Administrative Director, and Director of Admissions, respectively. “Over the past fifteen years, the MSTP has flourished under the direction of Dr. Engman and is among the top programs in the country,” says J. Larry Jameson, MD, PhD, Vice President for Medical Affairs and Lewis Landsberg Dean of the medical school. “I am confident that the addition of Dr. Tourtellotte will further strengthen the MSTP, allowing the program to thrive at a time when the physician-scientist will play an increasingly important role in basic biomedical discovery and in translating these discoveries into new diagnostics and therapeutics for human disease.”

Center of Cancer Nanotechnology Excellence Research Projects Needed for Summer Undergraduate Program

Thanks to stimulus funding, the Center of Cancer Nanotechnology Excellence (CCNE) will be able to support up to 10 full-time undergraduate researchers this summer. CCNE professors are needed to support this program by providing research opportunities in their labs for these talented undergraduates.

The program, which takes place from June 21-August 20, 2010, includes orientation, seminars, a field-trip to Argonne National Laboratory, coaching in professional speaking and technical writing, and a student stipend. Professors receive \$700 directly to help defray the cost of lab supplies.

Each participating CCNE professor will be asked to provide a research project, and someone from their lab who will act as a student’s direct supervisor.

Contact Kathleen Cook at 847.467.5335 or k-cook@northwestern.edu if you are interested in having a student in your lab.

Cancer Center News and Notes

ARRA Supports Recruitment of Barbara Jung to Northwestern



Barbara Jung, MD

Barbara Jung, MD, has joined Northwestern as Assistant Professor in the Department of Medicine, Division of Gastroenterology at the Feinberg School of Medicine, and as a member of the Robert H. Lurie Comprehensive Cancer Center of Northwestern University.

The federal government's economic stimulus initiative known as the American Recovery and Reinvestment Act of 2009 (ARRA), was instrumental in supporting the recruitment of Dr. Jung, providing strength to the development of the Lurie Cancer Center's Gastrointestinal Oncology Program and enhancing the established research program in Hormone Action and Signal Transduction. "Northwestern was a very big draw because clinically it is such a strong institution, and it also has outstanding basic science faculty," she says. "I saw this as a great opportunity to connect the two even closer. I envision working very closely with clinicians' and the colon cancer research program-- using data

directly obtained from patients to ask questions generated through animal work and in vitro work to find patient care relevant answers."

Dr. Jung comes to Northwestern from the University of California in San Diego, where she was Assistant Professor in the Division of Gastroenterology. Her primary research focus is the pathogenesis of colon cancer with direct implications for prevention, risk stratification and treatment. She has a strong interest in TGFb-related signaling in colon cancer and specifically its implication in metastatic disease.

Contact Barbara Jung at bjung@northwestern.edu.

Lurie Cancer Center Named Commission on Cancer Outstanding Achievement Award Winner

The Robert H. Lurie Comprehensive Cancer Center of Northwestern University at Northwestern Memorial Hospital has been named a 2009 Commission on Cancer (CoC) Outstanding Achievement Award winner by the American College of Surgeons. The prestigious honor recognizes cancer programs that strive for excellence in providing quality care to cancer patients and represents an elite group of hospitals across the country.

The award is granted to facilities that demonstrate a Commendation level of compliance with six standards that represent five areas of cancer program activity – cancer committee leadership, cancer data management, research, community outreach and quality improvement. In addition, facilities must receive a compliance rating for the remaining 30 cancer program standards. Of 432 programs surveyed by the CoC in 2009, only 82 programs, or 18 percent, received an Outstanding Achievement Award.

Established in 1922 by the American College of Surgeons, the Commission on Cancer is a consortium of professional organizations dedicated to improving survival and quality of life for cancer patients through standard-setting, prevention, research, education, and the monitoring of comprehensive quality care. Its membership includes Fellows of the American College of Surgeons and representatives of 47 national organizations that reflect the full spectrum of cancer care.

The Lurie Cancer Center is one of only six Illinois cancer programs to receive a 2009 Outstanding Achievement Award.

Cancer Center News and Notes

New Radiosurgery Equipment Offers Focused Radiation Treatment



Moving day for Northwestern's new radiosurgery equipment

The Lurie Cancer Center has enhanced its radiosurgery program by upgrading to the most sophisticated equipment available for treating cancerous tumors and lesions. The new generation technology – the Leksell Gamma Knife Perfexion and the Elekta Axesse – uses focused radiation therapy to treat tumors, while providing greater precision and an application for use beyond the brain to other parts of the body.

“When this technology was first introduced, it changed the way we approach brain cancer,” said John Kalapurakal, MD, Professor in the Department of Radiation Oncology at the Feinberg School of Medicine and Co-Director of the Radiosurgery Program at Northwestern Memorial Hospital. “Now, it’s changing the way we approach cancer in other parts of the body

as well.” The enhancements we’ve made allow us to use focused radiation treatment, also known as radiosurgery, to treat select tumors of the brain, lung, spine, liver, pancreas and prostate, as well as many pediatric tumors.”

Through radiosurgery, doctors focus beams of radiation directly on a lesion or tumor. Individual radiation beams are too weak to damage the healthy tissue they cross on their way to the target, however when the beams are focused precisely on the tumor or lesion, they intersect to provide a combined level of radiation strong enough to destroy the diseased area.

“Our brain radiosurgery program has been in place for more than 10 years, during which time we’ve seen countless examples of how radiosurgery can benefit patients,” said Robert Levy, MD, PhD, Professor of Neurological Surgery and Radiation Oncology at Feinberg and Co-Director of the Radiosurgery Program. “The new equipment allows us to provide an advanced level of treatment to a larger group of patients, many of whom have inoperable tumors that previously had few treatment options.” Both Kalapurakal and Levy are part of the Northwestern Brain Tumor Institute.

Approximately 60 percent of all Lurie Cancer Center patients treated at Northwestern Memorial Hospital receive radiation therapy, with more than 22,000 treatments delivered annually. Patients as young as four months old can be treated through the Lurie Cancer Center’s affiliation with Children’s Memorial Hospital. Northwestern’s medical center is one of only a few in the country to offer Gamma Knife radiosurgery to both adult and pediatric patients, making it a destination for many throughout the country.

In addition to benefiting a larger group of patients, this modern radiosurgery equipment will enhance patient comfort through shorter treatment sessions while delivering a more precise and accurate treatment. “This is a notable enhancement to our program,” said Bharat Mittal, MD, Professor of Radiation Oncology and Chair of the Department of Radiation Oncology at Feinberg. “We are committed to providing patients with the most advanced therapies possible to treat their cancer.”

Cancer Center News and Notes

Nick Del Priore Named Supportive Oncology Coordinator

Nick Del Priore, who has been Patient Services Representative on Galter 21 and a key resource for the Supportive Oncology team, has been named Supportive Oncology Coordinator for the Robert H. Lurie Comprehensive Cancer Center of Northwestern University at NMFF.

The growth of the Supportive Oncology Department and the goal of continuing to expand services in both Prentice and Galter's outpatient cancer centers was the impetus behind creating this new position. Del Priore's responsibilities will include developing, managing and coordinating the NMFF billing infrastructure and system for supportive oncology; managing human resource functions; assisting with employee recruitment, on-boarding and orientation; coordinating team programmatic functions related to new ventures and expanded services with campus and community partners; and facilitating a Lurie Cancer Center volunteer program with the Supportive Oncology team.

Contact Del Priore at 312.695.0636 or ndelprio@nmff.org.

Terri Fraterrigo Named Director of Operations and Outreach for CMIDD

Terri Fraterrigo has been named Director of Operations and Outreach for the Center for Molecular Innovation and Drug Discovery (CMIDD). Fraterrigo will help to implement the Center's strategic goals and objectives, managing the CMIDD's administrative processes and facilitating collaborations both internal and external to Northwestern University. In addition, Fraterrigo will oversee the Center's education and outreach initiatives. She comes to the CMIDD from Northwestern's Office of Corporate Relations where she fostered corporate relationships for the life sciences and the Feinberg School of Medicine.

In January, the Center for Molecular Innovation and Drug Discovery moved into Silverman Hall, providing the CMIDD with dedicated laboratories for collaborative small molecular and drug discovery research, located next to The Chemistry of Life Processes Institute. To learn more contact Terri Fraterrigo at t-fraterrigo@northwestern.edu, or visit <http://www.research.northwestern.edu/cddcb/>.

Holmes Gobel Named Manager for Prentice 16

Barbara Holmes Gobel, RN, MS, AOCN, Oncology Clinical Nurse Specialist at NMH, has been named Manager of Prentice 16. Internationally recognized as an expert on oncology nursing, Holmes Gobel has authored several publications on cancer symptom management and lectures frequently on issues related to oncology nursing. She serves on the Oncology Nursing Society Board of Directors as Director-at-Large.

Holmes Gobel's office is on Prentice 16 2336, and she can be reached at ext. 2-1605.

Awards and Honors

Compassionate Care Awards Honor Benson, Vergo and Hayes



Dr. Steven Rosen (right) presents Compassionate Care Awards to Al B. Benson, III, MD (left) and Edward Hayes

Sponsored by The Woman's Board of Northwestern Memorial Hospital, the Compassionate Care Awards recognize a physician on the medical staff, a fellow or medical resident, and a nurse or allied health professional who exemplifies compassionate care of patients at the Lurie Cancer Center.

The 2010 Awards were presented by Lurie Cancer Center Director, Steven T. Rosen, MD to:

- **Al B. Benson III, MD**
Department of Medicine, Division of Hematology/Oncology
- **Maxwell T. Vergo, MD**
Chief Fellow, Department of Medicine, Division of Hematology/

- **Edward E. Hayes**
Medical Assistant, Department of Surgery, Division of Surgical Oncology

"The Compassionate Care Awards represent one of the most significant recognition events for our Cancer Program and emphasize an essential component of our mission," says Dr. Rosen. "It is a great honor to be recognized by peers for one's empathy and devotion to patients."

Al B. Benson III, MD, has been installed to the executive board of the National Patient Advocate Foundation and the Patient Advocate Foundation.

John Crispino, PhD, has been awarded a National Institute of Health (NIH) Challenge Grant in Health and Science Research. Dr. Crispino's award entitled: "Identification of altered molecular signatures of Down syndrome iPSCs" is in the amount of \$1,000,000 over two years. In order to understand how trisomy 21 (Down syndrome) affects blood cell development, the scientists will analyze gene expression and methylation profiles of induced pluripotent stem cells (iPSCs) generated from individuals with and without DS. In addition, they will compare the hematopoietic differentiation potential of these two groups of iPSCs as a way to study the effect of trisomy 21 on blood cell development and disease. iPSCs provide a powerful new tool for performing research on this complex genetic disorder. The project's long-term goal is to determine which of the microRNAs, mRNAs or methylation differences that are detected in trisomy 21 cells contribute to aberrant hematopoiesis and the predisposition to leukemia in infants and children with DS.

Lolita Fox, RN, received the 2009 JoAnn Jones Award, awarded to a support staff member for their knowledge, thoughtfulness, and overall care of patients. The award was established in 2008 in honor of former support staff employee, JoAnn Jones, who demonstrated all of those qualities.

Maureen Haugen, RN, MSN, was recently honored with the 2009 Jean Fergusson Excellence in Pediatric Hematology & Oncology Nursing Education Award from the Association of Pediatric Hematology/Oncology Nurses. Haugen has taken a lead role in developing an education program for adult oncologists and staff in managing leukemia in adolescents and young adults.

Timothy Kuzel, MD, has been chosen as president-elect of the Illinois Medical Oncology Society (IMOS), which represents the common interests of a majority of the oncologists treating cancer in Illinois. The mission of the IMOS is to provide advocacy for cancer patients and to promote standards of excellence for high-quality cancer care.

Awards and Honors

Richard Longnecker, PhD, has been elected to Fellowship in the American Academy of Microbiology. Fellows of the Academy are elected annually through a highly selective, peer-review process, based on their records of scientific achievement and original contributions that have advanced microbiology.

Ann Lurie, Northwestern trustee and Lurie Cancer Center benefactor, was recently named one of three recipients of Research!America's 2010 Advocacy Awards. She was recognized for her long-time national and international support for biomedical research. Ms. Lurie also recently joined the Board of Directors of the Foundation for the National Institutes of Health (NIH).

Karen Novak, RN, received the 2009 Vicki Maurer Nursing Award. Established in 2004, the donor of this award named it in honor of his nurse, Vicki Maurer, whom he felt exemplified hard work and compassion.



Maureen Smith, MS, CGC

Maureen Smith, MS, CGC, has been awarded the 2009 Natalie Weissberger Paul National Achievement Award, the most distinguished honor within the National Society of Genetic Counselors (NSGC). The annual award honors “one outstanding member who has served NSGC with exemplary national achievement and volunteer activities on behalf of NSGC and the profession.”

Professional & Public Programs

Throughout the year, the Lurie Cancer Center offers professional education and patient programs on various cancer related topics. Below is a set of programs scheduled through June, 2010. For more information or to register, visit cancer.northwestern.edu or call 312.695.1304.

Professional Programs

H Foundation Basic Science Symposium: Bioengineering and Cancer

April 23, 2010
Norris University Center, McCormick Auditorium
Evanston

7th International Chicago Lymphoma Symposium

April 23 and 24, 2010
W Chicago City Center
172 W. Adams Street
Chicago

5th Annual Pain & Palliative Care Conference

April 30, 2010
Prentice Women's Hospital, 3rd Floor, Room L
250 E. Superior Street
Chicago

4th Annual Moskow Lectureship: Powel Brown, MD, PhD

May 21, 2010
Prentice Women's Hospital, Canning Auditorium
250 E. Superior Street
Chicago

21st Annual Scientific Poster Session & 2nd Annual Cancer Center Retreat

June 15, 2010
Robert H. Lurie Medical Research Center, Atrium
Chicago

2010 Oncology Review: Coverage of the 2010 ASCO Annual Meeting

June 25, 2010
Northwestern Memorial Hospital
Feinberg Pavilion, Room: Conf. Room A (3rd Floor)
251 E. Huron Street
Chicago

Public Programs

Cancer CONNECTION Days

An opportunity for patients and families to learn about local support groups, educational programs, wellness activities and community resources -11 a.m. to 2 p.m.

Prentice Women's Hospital, 4th Floor

April 7, 2010
Young Adult Survival

Galter Pavillion, 21st floor

May 13, 2010
Urinary Cancers

The Eighth Annual Cancer Survivorship Series: Living With, Through & Beyond Cancer

Offered by CancerCare®
April 13, 2010

Chronic Lymphocytic Leukemia (CLL) Patient Education Series

April 14, 2010
Lurie Medical Research Center, Baldwin Auditorium
Chicago

17th Annual Cancer Survivors' Celebration & Walk

June 6, 2010
Grant Park, Chicago

Grand Rounds

Grand Rounds on Fridays from 8:00 a.m. to 9:00 a.m. in the Gray Seminar Room of the Robert H. Medical Research Center, 303 E. Superior, Chicago (unless otherwise noted). Contact Denise Marshall at 312.695.1392 or d-marshall4@northwestern.edu.

- April 9** **Contemporary Management of the Solitary Pulmonary Nodule**
Malcolm DeCamp, MD
Professor of Surgery
Division of Thoracic Surgery
Northwestern University, Feinberg School of Medicine
Chicago, IL
- April 16** **Dissecting and Enhancing Immunity Against Leukemia**
Catherine Wu, MD
Assistant Professor, Department of Medicine
Division of Hematology/Oncology
Dana Farber Cancer Institute
Boston, MA
- April 23** **No Grand Rounds due to the 5th Annual Pain & Palliative Care Conference**
- April 30** **Targeting the Histone Code for DNA Repair
to Enhance Cancer Therapy**
Robert Hromas, MD
Professor of Medicine and Chief, Department of Hematology/Oncology
University of New Mexico
Cancer Research and Treatment Center
Albuquerque, NM
- May 7** **Rational Decision-making in Clinical Medicine**
Benjamin Djulbegovic, MD, PhD
Professor, Departments of Oncology
Director, USF Center for Evidence-based Medicine and
Health Outcomes Research
University of South Florida and
H. Lee Moffitt Cancer Center & Research Institute
Tampa, FL
- May 11** **Special Grand Rounds in conjunction with the
Department of Medicine**
Charles von Gunten, MD, PhD, FACP
Provost, Center for Palliative Care Studies
University of California, San Diego Medical School
San Diego, CA
**Note: This lecture will be on Tuesday at 7:30 a.m., Feinberg 3rd Floor
in Conference Room A**

Grand Rounds

- May 14** **Clinical Oncology Research Training Group**
Robin Leikin, Host
- May 21** **Targeting the Nexus of Heat Shock and Proteotoxic
Stress Responses**
Kapil Bhalla, MD
Director, Medical College of Georgia (MCG) Cancer Center
Augusta, GA
- May 28** **Biologic and Therapeutic Implications of Prognostic Markers
in Acute Myeloid Leukemia**
Guido Marcucci, MD
Professor, Department of Medicine
Division of Hematology/Oncology
Ohio State Medical Center
Columbus, OH

Tumor Cell Biology

Robert H. Lurie Medical Research Center
Baldwin Auditorium
303 E. Superior, Chicago, IL
Thursdays - 1:15 p.m. to 2:15 p.m.

Contact Denise Marshall at 312.695.1392 or d-marshall4@northwestern.edu.

- April 8** **6th Annual Lewis Landsberg Research Day-
No Tumor Cell Biology Seminar**
- April 15** **Systems Analysis of the EGFR Signaling Network
with Micro-western Arrays**
Richard B. Jones, PhD
Assistant Professor, Ben May Department of Cancer Research
University of Chicago
Chicago, IL
Lecture is co-sponsored by the Institute for Genomics and Systems Biology
Madrid, Spain
- April 22** **Malkin-Kraft Lecture: Targeting Ras Signaling Pathways in Lung Tumors**
Mariano Barbacid, MD
Director, Spanish National Cancer Research Center
Madrid, Spain
Note: Lecture will be held in the Hughes Auditorium
- April 29** **Genetic Pathways Impacting Longevity: Turning Toward Translation**
Brian Kennedy, PhD
Associate Professor, Department of Biochemistry
University of Washington
Seattle, WA
- May 6** **George Assimos Lectureship The Promise and Challenge
of Personalized Medicine in Lymphoma**
Sandeep Dave, MD, MS
Assistant Professor of Medicine
Division of Oncology
Duke Institute for Genome Sciences and Policy
Durham, NC
- May 13** **Tumor Cell Biology Translational Research Seminar:
Targeting HIF-1 for Cancer Therapy**
Gregg Semenza, MD
Director, Program in Vascular Cell Engineering
Johns Hopkins University
Baltimore, MD
- May 27** **Understanding and Targeting the Oncogene eIF4E in Cancer:
From the Bench to Phase II Clinical Trials**
Katherine Borden, PhD
Professor
Canada Research Chair in Molecular Biology of the
Cell Nucleus Institute for Research in Immunology and Cancer
Universite de Montreal
Montreal, Canada

Cancer Center Appoints New Members

Steven T. Rosen, MD, FACP, Director of the Robert H. Lurie Comprehensive Cancer Center of Northwestern University, announces the following full member appointments:

Kimberley Dilley, MD, MPH, is Assistant Professor in the Department of Pediatrics at the Feinberg School of Medicine, and the Director of the Survivors Taking Action and Responsibility (STAR) Program at Children's Memorial Hospital. Her research focus is on long-term outcomes after pediatric stem cell transplant and other questions related to cancer survivor health. Her office is at 2300 Children's Plaza, Room 253, Chicago. Contact Dr. Dilley at 773.880.3975 or kdilley@childrensmemorial.org.

Deyu Fang, PhD, is Associate Professor in the Department of Pathology at the Feinberg School of Medicine. Her research studies epigenetics and autoimmunity, including the role of histone deacetylase in pancreatic cancer. Her office is in Ward, 3-120, 300 E. Chicago Avenue, Chicago. Contact Dr. Fang at 312.503.3021 or fangd@northwestern.edu.

Michael Jewett, PhD, is Assistant Professor in the Department of Chemical and Biological Engineering. His research goal is to engineer biological systems for applications in medicine and biotechnology, focusing on cell-free technologies with an emphasis on protein synthesis and metabolism. His office is in Tech, E-136, 2145 Sheridan Road, Evanston. Contact Dr. Jewett at 847.491.3728 or m-jewett@northwestern.edu.

David Victorson, PhD, is Research Assistant Professor in the Department of Medical Social Sciences at the Feinberg School of Medicine. His research and clinical pursuits focus on improving health-related quality of life in people with cancer through: development of patient-reported outcomes measurement tools, psychosocial and behavioral intervention research, and health disparities/community-based participatory research. His office is in Hogan, 2-100, 2205 Tech Drive, Evanston. Contact Dr. Victorson at 847.467.3060 or d-victorson@northwestern.edu.

Liang Zhou, MD, PhD, is Assistant Professor in the Department of Pathology and the Department of Microbiology and Immunology. His main research focus is on the transcriptional regulation of Th17 and Treg cell differentiation, and the role of Th17-Treg balance in maintenance of immune homeostasis in vivo. His office is in Tarry, 3-762, 300 E. Superior Ave., Chicago. Contact Dr. Zhou at 312.503.3182 or l-zhou@northwestern.edu.

Luigi Strizzi, MD, PhD, is Research Assistant Professor at the Feinberg School of Medicine and a member of the Department of Cancer Biology and Epigenomics at the Children's Memorial Research Center. He is interested in understanding how cancer cells spread and identifying novel anti-cancer targets. His current research focus is on how Cripto-1 and Nodal signaling pathways affect differentiation, migration and invasion of cancer cells, with the aim of identifying molecules and molecular pathways capable of regulating these activities. His office is at 2400 Children's Plaza, C.473, Chicago. Contact Dr. Strizzi at 773.755.6327 or lstrizzi@childrensmemorial.org.

Andrew Mazar, PhD, is Research Professor in the Department of Biochemistry, Molecular Biology and Cell Biology, at the Chemistry of Life Processes Institute. His research focus includes the urokinase plasminogen activator field and its role in tumor progression, and the invasion and metastasis, angiogenesis, and mouse models of cancer. His office is in Pancoe, 1115, 2145 Sheridan Road, Evanston. Contact Dr. Mazar at 847.467.0942 or a-mazar@northwestern.edu.

Derk Joester, PhD, is Assistant Professor in the Department of Materials Science and Engineering at the McCormick School of Engineering and Applied Science. His research revolves around biological and bio-inspired mineralized materials, and he is interested in developing collaborations in the cancer-related aspects. His office is in Cook Hall, 2087, 2220 Campus Drive, Evanston. Contact Dr. Joester at 847.491.7443 or d-joester@northwestern.edu.

John Salsman, PhD, is Research Assistant Professor in the Department of Medical Social Sciences at the Feinberg School of Medicine. Dr. Salsman's research focus is on positive adaptation to illness and predictors of emotional and physical well-being among cancer patients and survivors. His office is in Rubloff, 9-940, 750 N. Lake Shore Dr, Chicago. Contact Dr. Salsman at 847.491.5774 or j-salsman@northwestern.edu.

welcome



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Robert H. Lurie Comprehensive Cancer Center News

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Lurie Cancer Center Weekly Updates

Information to be considered for inclusion in the Lurie Cancer Center's weekly e-mail updates must be received at least one week in advance. Submit suggestions to Denise Marshall at d-marshall4@northwestern.edu.