

ROBERT H. LURIE COMPREHENSIVE  
CANCER CENTER

# NEWS



ROBERT H. LURIE  
COMPREHENSIVE CANCER CENTER  
OF NORTHWESTERN UNIVERSITY

Number Twelve  
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## 12th Annual Lynn Sage Breast Cancer Symposium

The 12th Annual Lynn Sage Breast Cancer Symposium provides individuals actively engaged clinically or scientifically in diagnostic and therapeutic radiology, oncology, surgery, gynecology, family practice and genetics with an unparalleled forum for discussing and presenting laboratory and clinical research concerning the optimized measurement of patients with breast cancer.

Hosted by the Lurie Cancer Center, this powerful and engaging four-day event takes place on **October 28-31** at the Fairmont Chicago, 200 N. Columbus Dr., and, is chaired by William Gradishar, MD.

Craig Jordan, OBE, PhD, DSc and Monica Morrow, MD, are co-chairs of the program, which attracts faculty from around the world.

**The Lurie Cancer Center invites fellows and residents to apply for the Breast Cancer Achievement Awards Program.** A limited number of applicants will be accepted into the program, which will take place in conjunction with the Lynn Sage Breast Cancer Symposium. In addition to attending the main symposium sessions, the awardees will participate in a forum to discuss case studies contrasting the management of patients with breast cancer. Additionally, physicians from both academic and private practice settings will present their experiences, recommendations, and guidance on the career paths available to residents and fellows. The forum is scheduled for Sunday, October 31 from 7:00 a.m. – 8:30 a.m. The application deadline for the Breast Cancer Achievement Awards Program is **Friday, September 17.**

For information on the Lynn Sage Breast Cancer Symposium and the Breast Cancer Achievement Awards Program, visit [www.lynnsagebreastcancer.org](http://www.lynnsagebreastcancer.org).



William Gradishar

## Spread the Word! Lynn Sage Breast Cancer Town Hall Meeting, Sun. Oct. 24

Do you have patients, friends or family members with questions about breast cancer treatment options, family history, diagnosis and support?

Tell them about the Lynn Sage Breast Cancer Town Hall Meeting on Sunday, October 24 from 1:00 p.m. - 4:00 p.m. in the Arthur Rubloff Building's Thorne Auditorium, 375 East Chicago Avenue, Chicago (new location).

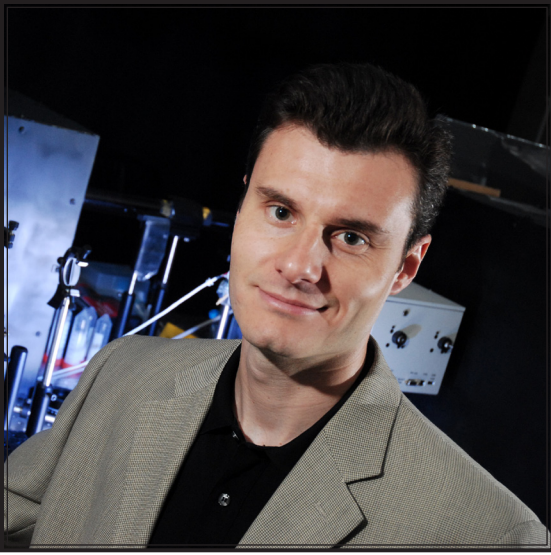
The interactive discussion with Northwestern doctors provides an opportunity to ask questions, visit exhibits of breast cancer advocacy organizations, and learn about local and national support services.

Moderated by Dr. William Gradishar, this event is free and open to the public. Panelists include Dr. Vincent Cryns (survivorship), Dr. Nora Hansen (surgery), Dr. Virginia Kaklamani (cancer genetics), and Dr. Jonathan Strauss (radiation oncology).

Details and online registration are available at [www.cancer.northwestern.edu](http://www.cancer.northwestern.edu) or 312.695.1304.

# Cancer Center News and Notes

## Bridging the Gender Gap



Vadim Backman

A team led by Vadim Backman, PhD, has found that combining novel optical technologies with a common colon cancer screening test may allow doctors to more accurately detect the presence of colon cancer, particularly in women. The study combined a polarization-gating optical probe alongside traditional flexible sigmoidoscopy to measure the early increase in blood supply in rectal tissue as a marker for colon cancer.

During a flexible sigmoidoscopy exam, doctors use a thin, flexible tube to examine the lower third of the colon. The procedure is an attractive screening mechanism for colon cancer because the test is quick and affordable, can be conducted by a primary care physician and requires simpler bowel preparation than that of a colonoscopy. However, the test isn't as widely used for colon cancer screening because it only examines a third of the colon, compared to the full colon examination conducted during colonoscopy.

While colon cancer strikes roughly as many women as men, there are significant differences in how the disease presents itself. Women are more likely to have cancerous lesions in the proximal colon, the section of the colon furthest away from the rectum and the part of the colon that isn't examined during flexible sigmoidoscopy. Due to this discrepancy, previous studies found that flexible sigmoidoscopy alone detected only one-third of colon cancer in women.

The researchers hoped that combining the test with an optic probe that measures how light scatters through tissue would provide a way to measure very subtle changes in the tissue that can indicate the presence of cancer in the organ. The technology makes use of a biological phenomenon known as the "field effect," a hypothesis that suggests the genetic and environmental milieu that results in a neoplastic lesion in one area of an organ should be detectable throughout the organ and even in neighboring tissue. Backman's group has applied a suite of optical technologies to identify signs of the field effect in colon, pancreatic and lung cancers.

When comparing the results for each gender, researchers found that the early increase in blood supply was a particularly robust marker for proximal neoplasia in women. This result provides hope that the technique could provide a mechanism to improve possible discrepancies in the accuracy of colon cancer screening between men and women.

"Our hope is not to replace the colonoscopy, but to develop better screening techniques to determine who needs a colonoscopy," says Backman. "If we can develop something that can be used by a primary care physician, we can vastly increase the number of people who are screened, and ultimately treated, for this disease."

The study is a partnership with colleagues at NorthShore University HealthSystem (led by Hemant K. Roy, MD.) The National Institutes of Health supported the research.

For more information, visit [http://www.mccormick.northwestern.edu/news/articles/article\\_737.html](http://www.mccormick.northwestern.edu/news/articles/article_737.html)

# Cancer Center News and Notes

## New Arsenic Nanoparticle Blocks Aggressive Breast Cancer

You *can* teach an old drug new chemotherapy tricks. Northwestern University researchers took a drug therapy proven for blood cancers but ineffective against solid tumors, packaged it with nanotechnology and got it to combat an aggressive type of breast cancer prevalent in young women, particularly young African-American women.

That drug is arsenic trioxide, long part of the arsenal of ancient Chinese medicine and recently adopted by Western oncologists for a type of leukemia. The cancer is triple negative breast cancer, which often doesn't respond well to traditional chemotherapy and can't be treated by potentially life-saving targeted therapies.



Vincent Cryns

Women with triple negative breast cancer have a high risk of the cancer metastasizing and poor survival rates.

Prior to the new research, arsenic hadn't been effective in solid tumors. After the drug was injected into the bloodstream, it was excreted too rapidly to work. The concentration of arsenic couldn't be increased, because it was then too toxic.

A new arsenic nanoparticle — designed to slip undetected through the bloodstream until it arrives at the tumor and delivers its poisonous cargo -- solved all that. The nanoparticle, called a nanobin, was injected into mice with triple negative breast tumors. Nanobins loaded with arsenic reduced tumor growth in mice, while the non-encapsulated arsenic had no effect on tumor growth. The arsenic nanobins blocked tumor growth by causing the cancer cells to die by a process known as apoptosis.

The nanobin consists of nanoparticulate arsenic trioxide encapsulated in a tiny fat vessel (a liposome) and coated with a second layer of a cloaking chemical that prolongs the life of the nanobin and prevents scavenger cells from seeing it. The nanobin technology limits the exposure of normal tissue to the toxic drug as it passes through the bloodstream. When the nanobin gets absorbed by the abnormal, leaky blood vessels of the tumor, the nanoparticles of arsenic are released and trapped inside the tumor cells.

**Vincent Cryns, MD** and **Tom O'Halloran, PhD** are senior authors of a paper on the research, which was published in *Clinical Cancer Research* and featured on the journal cover. Richard Ahn, a student in the medical scientists training program at Northwestern, is lead author.

"Everyone said you can't use arsenic for solid tumors," said O'Halloran. "That's because they didn't deliver it the right way. This new technology delivered the drug directly to the tumor, maintained its stability and shielded normal cells from the toxicity. That's huge."

The nanoparticle technology has great potential for other existing cancer drugs that have been shelved because they are too toxic or excreted too rapidly, Cryns noted. "We can potentially make those drugs more effective against solid tumors by increasing their delivery to the tumor and by shielding normal cells from their toxicity," he said. "This nanotechnology platform has the potential to expand our arsenal of chemotherapy drugs to treat cancer."

"Working with both Professors O'Halloran and Cryns enabled us to develop the nanobins and hopefully create a new platform for the effective treatment of triple negative breast cancer," Ahn said. "Having both a basic science mentor and breast cancer mentor is ideal training for me as a future physician-scientist."

The research was supported by the National Cancer Institute-funded Northwestern University Center of Cancer Nanotechnology Excellence.

To read the article, visit <http://clincancerres.aacrjournals.org/content/16/14/3607.abstract>

# Cancer Center News and Notes

## Northwestern to Collaborate in National Pilot Study for ProvenCare in Lung Cancer



Malcolm DeCamp

*Groundbreaking multi-center study promotes evidence-based treatment standards*

Northwestern University is collaborating in a national pilot study that will promote evidence-based evaluation and treatment standards for patients with resectable non-small cell lung cancer (NSCLC). The Commission on Cancer National Pilot Study for the ProvenCare® Lung Cancer Collaborative is based on the success of Geisinger Health System's ProvenCare model, which has significantly increased adherence to evidence-based standards, improved clinical outcomes, and engaged patients as participants in their own care when applied to acute and longitudinal care episodes associated with other disease sites.

This groundbreaking study marks the first time that the ProvenCare model has been tested in multiple institutions and will be the initial application of its methodology to a population of patients with cancer. Treatment team members at each of the six participating institutions have committed to create a reliable process of providing all 38 of the established care pathway steps to ensure that patients receive the highest standard of care.

“It is important to do this work now because lung cancer is the #1 cancer killer of adults in the United States and surgery is the most effective modality leading to cure” explains Malcolm DeCamp, MD, Fowler McCormick Professor of Surgery at Feinberg, Chief of the Division of Thoracic Surgery at Northwestern Memorial and institutional PI. “By our participation at Northwestern, we expect to provide the ‘Ideal Patient Experience’ evidenced by a measurable increase in patient satisfaction, to decrease complications and reduce the hospital length-of-stay, to improve communication and collaboration between inpatient and outpatient providers, members of the multidisciplinary Thoracic Oncology Team and referring physicians and to establish best practices for collaborative data capture and reporting between out-patient clinical and inpatient systems.”

Patients in the study lend their participation to the process by making a commitment to communicate with the members of their surgical team (that is, when they don't understand something, or when asked about current medications); getting their family or loved ones involved in their treatment plan; and completing important care steps outlined to them by their health care providers. Patient engagement is an important element of the ProvenCare program, as research studies have shown that patients have better results when they participate in their own medical care.

The Commission on Cancer National Pilot Lung Cancer Collaborative plans to accrue a population of 1,000 patients and run for a minimum of 12 months.

For additional information, contact Dr. DeCamp at [mdecamp@nmh.org](mailto:mdecamp@nmh.org)

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## NCCN Guideline Apps for iPhone and Android

Data continues to indicate that clinicians are increasingly using smartphones to access medical information and bring faster, more informed decision-making to the point of care.

The NCCN Guidelines apps for iPhone and Android are free to download through the iTunes Store and Android Market, and enable clinicians to easily access the NCCN Guidelines, which are updated on a continual basis and developed through an explicit review of the evidence integrated with expert medical judgment and recommendations by multidisciplinary panels from NCCN Member Institutions.

For additional information visit [www.nccn.org/mobile](http://www.nccn.org/mobile)

# Cancer Center News and Notes

## Lurie Cancer Center Helps Develop Young Scientists

The Lurie Cancer Center hosted four outstanding students as part of the American Cancer Society (ACS), Illinois Division's 8th Annual Summer High School Research Program. The eight-week program pairing high school students with a professor for hands-on experience and promotes career opportunities in scientific cancer research.

One student, Neel Patel, a junior at Northside College Preparatory, joined the laboratory of John Salsman, PhD, research assistant professor in the Department of Medical Social Sciences. Patel spent the better part of his summer vacation working with Salsman, who received a behavioral and psychosocial grant targeted to cancer disparities from the ACS, Illinois Division in 2008. Patel supports the Salsman lab by working on a study that analyzes the adaptation and health behaviors of young adult cancer survivors.

To offer a broader insight, Salsman invited Patel to join him at lectures and grand rounds and arranged meetings between Patel and his colleagues within the department and across campus.

"I wanted Neel to discover the different paths we each took to become researchers at Northwestern," says Salsman, whose experience with excellent mentors in graduate school motivated him to participate in the program.

Evelyn Nunez, a junior at Walter Payton High School was fascinated by her work in the lab of Gayle Woloschak, PhD, professor in the Department of Radiology and Department of Cell and Molecular Biology, testing the effect of conjugating different dyes and PNAs (peptide nucleic acids) to nanoparticles. "The main hope for nanoparticles is that they can be developed into a new therapy for cancer that is less toxic than present therapies," she explains. "I have truly had a blast working in the lab this summer. I have learned so much and enjoyed working with all these brilliant minds."

The four students at Northwestern, who also included Cyatharine Alias, Niles North High School in the laboratory of Eric Weiss, PhD and Sherin Randall-London, Michele Clark Magnet High School in the laboratory of Qiang Zhang, MD, PhD, were part of a larger group of 26 Chicago-area high school juniors selected to take part in the program this year at academic institutions across the city. At the program's conclusion, the ACS students and their mentors enjoyed a final dinner hosted by the Lurie Cancer Center.

"The goal is to find, nurture, and develop young scientists," says Adrienne White, vice president of health initiatives and advocacy and chief health initiatives officer for the ACS, Illinois Division. "We strive to feed the pipeline for science, clinical care, and research, while sparking an interest in cancer and patients impacted by cancer disparities for years to come."

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## Name Usage for Children's Memorial Hospital and Lurie Cancer Center

When the new hospital opens in Summer 2012, Children's Memorial Hospital's name will change to Ann & Robert H. Lurie Children's Hospital of Chicago in recognition of the transformational \$100 million gift from Ann Lurie. When referring to the name of the hospital in written communications, please use the full name, **Ann & Robert H. Lurie Children's Hospital of Chicago**, on first reference. Second and subsequent references can be **Lurie Children's**.

Also, just a reminder that after first reference to the **Robert H. Lurie Comprehensive Cancer Center of Northwestern University**, subsequent references should be to the **Lurie Cancer Center**.



Evelyn Nunez works with Christine Falaschetti, a PHD student in the Integrated Graduate Program in Life Sciences

# Cancer Center News and Notes

## Lobbying and Communications with Government Officials

Government policies have a profound impact on Northwestern University. The U.S. government, for example, is the largest single source of sponsored research at Northwestern University, and federal and state student financial aid are significant sources of funding for many of our students. The Office of Government Relations serves as the liaison to officials and agencies of the U.S. government and the State of Illinois. The Office coordinates governmental policy development within Northwestern and works to promote the University as a resource to government officials as one means of fulfilling the University's societal obligations as a tax exempt organization. The Northwestern Government Relations staff also represents the University to membership organizations, associations, consortia, and alliances with whom Northwestern has common interests.

Faculty and staff must consult with the Office of Government Relations prior to initiating contact with federal, state, or local elected officials and must report and account for legislative and/or lobbying activities.

To read the full policy, visit <http://www.northwestern.edu/govrelations/>. For questions or additional information, contact Jennifer Kunde, Director, Government Relations, at [j-kunde@northwestern.edu](mailto:j-kunde@northwestern.edu) or 847-491-8434.

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## Jamie Drew Joins Division of Hematology / Oncology



Jamie Drew

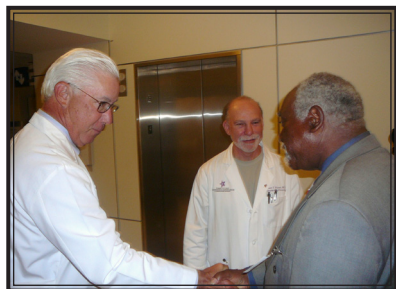
Jamie Drew, MS, MBA, has joined the Division of Hematology / Oncology as Division Administrator. Drew joined Northwestern in 1985 serving as a Research Technologist in the Department of Surgery, where he helped develop an animal model for pancreatitis. Subsequently, as Project Coordinator in the Department of Medicine, he worked on the Multicenter AIDS Cohort Study (MACS) where he established a training and quality assurance program for using the then new polymerase chain reaction (PCR) technology for detecting HIV in blood.

For nearly 20 years, Drew was the Administrator for the Division of Infectious Diseases and Center For AIDS Research, where he played a critical role in the administration of their large multicenter grants, most notably the Multicenter AIDS Cohort Study and AIDS Clinical Trial Group.

Drew has a “demonstrated ability to work in a highly effectively way with faculty and staff and to build productive relationships to reach program goals,” says Jonathan Licht, MD, Chief of the Division of Hematology / Oncology. “He will be working closely with all members of the faculty and our colleagues in the Department of Medicine and Lurie Cancer Center to further the development of our clinical, research and educational programs.” Drew can be contacted at [jdrew@northwestern.edu](mailto:jdrew@northwestern.edu) or 312.503.1118.

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## Congressman Danny Davis Visits the Lurie Cancer Center



Julian Schink, MD, and Steve Rosen, MD, discussed clinical services, outreach efforts and current research at the Lurie Cancer Center as they showed Congressman Danny Davis (D-IL) around the new Maggie Daley Center for Women's Cancer Care in September.

# Cancer Center News and Notes

## New Lurie Cancer Center Leadership Roles Announced

New roles have been developed in the medical leadership of the Robert H. Lurie Comprehensive Cancer Center of Northwestern University at Northwestern Medical Faculty Foundation; advancing our commitment to the highest standards of excellence in clinical care and patient service.

**James Brandman, MD**, has been named Ambulatory Medical Director of the outpatient Clinical Cancer Center on the 21st floor of Northwestern Memorial Hospital's Galter Pavilion.

In addition to serving as Ambulatory Medical Director of the Lurie Cancer Center's operations on the 4th and 5th floors of Northwestern Memorial's Prentice Women's Hospital, **William Gradishar, MD**, has assumed the newly created role of Medical Director of the Maggie Daley Center for Women's Cancer Care.

As Medical Directors, Drs. Brandman and Gradishar will work closely with the Lurie Cancer Center's administrative leadership team, focusing on a wide variety of practice issues, including day-to-day ambulatory operations, quality and safety, referring physician relations, compliance and risk management, and coordination of multidisciplinary and supportive activities.

**Julian Schink, MD**, will continue in his role as Associate Director for Clinical Affairs, ensuring a unified vision and approach to cancer care and service at Northwestern. In addition, Dr Schink will actively participate actively in the development of new, off-campus practice sites to increase access and convenience for our patients.

"Drs. Brandman and Gradishar's new roles, as well as Dr. Schink's expanding role, will be pivotal in fostering the continued growth of the cancer program at Northwestern," said Lurie Cancer Center Director, Steven T. Rosen, MD.

## CURE Program 2010

This summer marked the twelfth year for the Lurie Cancer Center's CURE (Continuing Umbrella of Research Experiences) Program that enables twelve undergraduate students to spend eight weeks immersed in cancer research laboratories under the guidance of a faculty mentor. In addition to their laboratory training, the students met every Friday for an educational seminar series on various topics in cancer research and career counseling.

At the end of the program, CURE students give an oral presentation of their research projects to faculty and members of the various participating laboratories. The CURE students participating this summer were preparing to continue their education at the University of Chicago, Spelman College, Case Western Reserve University,

Massachusetts Institute of Technology, Duke University, Emory University, Morehouse College, University of Illinois and Northwestern University. The CURE Program is a funded supplement to the Lurie Cancer Center's Support Grant from the National Cancer Institute (NCI). Robin Leikin, PhD, serves as Program Director for the CURE Program, which has enrolled 115 students and gone through three competitive renewal applications since its inception in 1999.



CURE Program 2010

# Awards and Honors

The Nancy Anderson Award for Excellence in Gynecologic Oncology Nursing was established in honor of **Nancy Anderson, MSN, RN, ANP-BC, OCN**, by the family of Marcia Stenn, who lost her life to ovarian cancer. Stenn's daughters describe Anderson as "an extraordinary nurse and human being, who also happens to be the personification of compassionate care."

**Malcolm DeCamp Jr., MD**, has been named the Fowler-McCormick Professor of Surgery.

**Jacqueline S. Jeruss, MD, PhD**, was awarded a 2010 NIH K22 Career Transition Award. This award is intended to help outstanding basic or clinical investigators develop their independent research skills and establish a record of independent research. Jeruss will use her award to investigate "The Oncogenic Significance of Cyclin Overexpression and Smad3 Tumor Suppression." The long-term goal of her investigation is to determine how changes in Smad 3 signal transduction affect breast cancer progression to help establish a molecular staging of the disease, and, ultimately, to facilitate the discovery of new treatment options.

**Simon Lin, MD**, was selected as a member of the Biomedical Computing and Health Informatics Study Section of the National Institutes of Health Center for Scientific Review.

**Jonathan Licht, MD**, was selected as the 2010 Leukemia & Lymphoma Society Illinois Researcher of the Year and received The Pamela B. Katten Research Award in honor of this achievement.



Dr. Ellen Mendelson receives her medallion from  
Drs. Eric J. Russell and J. Larry Jameson

**Alexander Stegh, PhD**, in collaboration with **Chad Mirkin, PhD**, was awarded continuation of Northwestern's National Institutes of Health U54 Center of Cancer Nanotechnology Excellence Award.

**John Lurain, MD**, has been named Marcia Stenn Professor of Gynecologic Oncology.

**Ellen B. Mendelson, MD, FACR**, has been named the inaugural Lee F. Rogers, MD, Professor of Medical Education in the Department of Radiology.

**Julian Schink, MD**, has been named John and Ruth Brewer Professor of Gynecology and Cancer Research. In addition, Dr. Schink accepted the Agents of Hope Award from Gilda's Club Chicago on behalf of the Robert H. Lurie Comprehensive Cancer Center of Northwestern University (at Northwestern Memorial Hospital) for its advances in cancer research and treatment programs.



Drs. Schink, Jameson, Lurain, and  
Mr. Irving Stenn Jr.

# 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 December, 2010. For more information or to register, visit [cancer.northwestern.edu](http://cancer.northwestern.edu) or call 312.695.1304.

## Professional Programs

### **Intercultural Cancer Council Regional Symposium on Minorities, the Medically Underserved & Cancer**

*September 22 -24*

UIC Forum

725 W. Roosevelt Rd.

### **First World Congress of Cutaneous Lymphomas**

*September 22*

Prentice Women's Hospital

3rd Floor, L North

250 E. Superior St., Chicago

*September 23-25*

Feinberg Pavilion

3rd Floor, Conference Room A

251 E. Huron St., Chicago

### **2010 Oncofertility Consortium Conference: Big Ideas and Training the Next Generation**

*September 27*

Prentice Women's Hospital

3rd Floor, L North

250 E. Superior St., Chicago

### **Fifth Annual Northwestern Radiosurgery Symposium: Complications of Cranial Radiosurgery and Advances in Body Radiosurgery**

*October 1*

Feinberg Pavilion

3rd Floor, Pritzker Auditorium

251 E. Huron St., Chicago

### **8th Joint Conference of the International Society for Interferon and Cytokine Research and the International Cytokine Society**

*October 3-7*

Hyatt Regency Chicago

151 East Wacker Dr.

## 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.

*October 14*

Prentice Women's Hospital, 4th floor

*November 11*

Galter Pavilion, 21st floor

### **Cutaneous Lymphoma Patient Educational Forum**

*September 25*

Robert H. Lurie Medical Research Center

Hughes Auditorium

### **Conversations About Colorectal Cancer**

*October 2*

Northwestern Memorial Hospital

3rd floor, Conference Room A

### **Brain Tumor Patient & Caregiver Forum**

*October 12*

Robert H. Lurie Medical Research Center

Baldwin Auditorium

### **Lynn Sage Breast Cancer Town Hall: The Promises and Myths of Breast Cancer Research**

*October 24*

Arthur Rubloff Building

Thorne Auditorium

### **Thyroid Cancer Patient Education Symposium**

*November 11*

Robert H. Lurie Medical Research Center

### **Integrative Medicine and Oncology Patient Education Symposium**

*December 11*

Prentice Women's Hospital

3rd Floor

# Professional & Public Programs

## Professional Programs

### **Nathaniel Berlin Lectureship**

*October 12*

Robert H. Lurie Medical Research Center

Speaker: Kevin Shannon, MD

303 E. Superior St., Chicago

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### **NCCN 2010 Congress Series:**

#### **Genitourinary Cancers**

*October 18*

Renaissance Chicago Downtown Hotel

1 W. Wacker Dr.

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### **12th Annual Lynn Sage Breast Cancer Symposium**

*October 28-31*

Fairmont Chicago

200 North Columbus Dr.

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### **Cancer Survivorship 101:**

#### **Educating Primary Care Providers in their Treatment of Cancer Survivors**

*November 12*

Prentice Women's Hospital

3rd Floor, L North

250 E. Superior St., Chicago

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### **Pamela Katten Memorial Foundation Lectureship:**

#### **Chronic Lymphocytic Leukemia**

*November 18*

Feinberg Pavilion

3rd Floor, Pritzker Auditorium

Speaker: Thomas Kipps, MD, PhD

251 E. Huron St., Chicago

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### **13th Annual Oncology Nursing Conference**

*December 3*

Prentice Women's Hospital

3rd Floor, L North

250 E. Superior St., Chicago

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### **8th Annual Dr. Roizen's CAM Conference: The Science and the Art of Non-Traditional Medical Therapies Preventive Care and Integrative Medicine: Focus on Oncology and New Strategies in Preventive Medicine**

*December 10-12*

Feinberg Pavilion

3rd Floor, Conference Room A

251 E. Huron St., Chicago

## Fundraising Events

### **Lynn Sage Foundation "In Good Taste" Kick-Off**

Sunday, September 26

Marianne Strokirk Salons

41 E Oak St. & 361 W Chestnut St., Chicago

Haircut with blow-dry or single process color for only \$25. All proceeds benefit Lynn Sage Foundation. Walk-ins are welcome, and services will be done on a first-come, first-served basis. Reservation times are available for an additional \$10.

<http://mariannestrokirk.com/>

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During October, Chicago's In Good Taste: a Breast Cancer Research Initiative in conjunction with Breast Cancer Awareness month, will bring together over 150 Chicago restaurants, bars and businesses to raise funds for breast cancer research at the Lurie Cancer Center.

<http://www.lynnsagefoundation.org/Default.aspx>

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### **2nd Annual Jeff Hugo Memorial Golf Outing**

Sunday, October 3

Gleneagles Country Club

13070 McCarthy Road, Lemont

Proceeds support sarcoma-related research of Dr. Mark Agulnik at the Lurie Cancer Center.

[www.jeffhugofoundation.org](http://www.jeffhugofoundation.org)

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### **2nd Annual Minds Matter Gala**

Wednesday, October 6

Palmer House

17 E. Monroe St., Chicago

Proceeds advance research breakthroughs and improve treatment, outcomes, and quality of life for patients of the Northwestern Brain Tumor Institute.

[www.braintumorinstitute.org/minds\\_matter/index.cfm](http://www.braintumorinstitute.org/minds_matter/index.cfm)

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### **Lynn Sage Cancer Research Foundation 25th Anniversary "City of Pink Promise" Benefit Lucheon**

Friday, October 22

Hilton Hotel

720 South Michigan Ave., Chicago

Keynote Speaker: Rob Lowe

Proceeds support research and treatment of breast cancer in partnership with Northwestern Memorial Hospital and the Lurie Cancer Center.

[www.lynnsage.org](http://www.lynnsage.org)

# Grand Rounds

Grand Rounds are on Fridays from 8:00 a.m. to 9:00 a.m. in the Gray Conference 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.

- September 17**    **Cutaneous T Cell Lymphomas**  
Steven Rosen, MD  
Director  
Robert H. Lurie Comprehensive Cancer Center of Northwestern University
- September 24**    **No Grand Rounds due to the First World Congress of Cutaneous Lymphomas**
- October 1**        **New and Newer Controversies in Epithelial Ovarian Cancer (EOC)**  
Russell Schilder, MD  
Chief, Gynecologic Medical Oncology  
Fox Chase Cancer Center, Philadelphia, PA
- October 8**        **To Be Announced**  
Brady Stein, MD  
Assistant Professor  
Division of Hematology/Oncology  
Northwestern University, Feinberg School of Medicine
- October 15**      **The Role of Obesity and Obesity Related Genes to Breast Cancer Risk and Prognosis**  
Virginia Kaklamani, MD, DSc  
Director, Translational Breast Cancer Research  
Co-Director, Cancer Genetics Program  
Northwestern University Feinberg School of Medicine, Chicago, IL
- October 22**      **TBA**  
Amy Abernethy, MD  
Director, Oncology Quality, Outcomes and Patient-centered Care Program  
Duke University Comprehensive Cancer Center, Durham, NC
- October 29**      **No Grand Rounds due to the 12th Annual Lynn Sage Breast Cancer Symposium**
- November 5**     **Integrating Palliative and Oncology Care in Patients with Advanced Lung Cancer**  
Jennifer Temel, MD  
Assistant Professor, Department of Hematology/Oncology  
Harvard Medical School, Boston, MA
- November 12**    **Recent Advances in the Treatment of Glioblastomas**  
Patrick Y. Wen, MD  
Director, Center for Neuro-Oncology  
Dana-Farber/Brigham and Women's Cancer Center, Boston, MA 02115
- November 19**    **Endothelium in Health and Disease**  
William Aird, MD  
Director, Center for Vascular Biology Research  
Beth Israel Deaconess Medical Center, Boston, MA
- November 26**    **Thanksgiving Holiday**

**Accreditation Statement:** Northwestern University's Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**Credit Designation Statement:** The Northwestern University's Feinberg School of Medicine designates this educational activity for a maximum of 1.0 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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# 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](mailto:d-marshall4@northwestern.edu).

**September 16      The Actin Binding Protein, Alpha Catenin, Inhibits Wnt Signaling Through Direct Inhibition of RNA Synthesis and/or Processing**

Rebecca Daugherty, Graduate Student  
Division of Pulmonary and Critical Care Medicine  
(Dr. Cara Gottardi's Lab)  
Northwestern University Feinberg School of Medicine  
Chicago, IL

**September 23      Mini-Symposium: Dynamism in Cancer Cell Behaviors**

Guest Speakers:

**Rb-family Proteins and Differentiation**

Elizaveta Benevolenskaya, PhD  
Assistant Professor, Department of Biochemistry and Molecular Genetics  
University of Illinois at Chicago  
Chicago, IL

**Centrosome Regulation and Cancer**

Harold Saavedra, PhD  
Assistant Professor, Department of Radiation Oncology  
Emory University  
Atlanta, GA

**Neuronal Guidance, Cell Migration and Cancer Metastasis**

Jane Wu, MD, PhD  
Professor, Department of Neurology  
Northwestern University Feinberg School of Medicine  
Chicago, IL

**September 30      Fibrosis-Protease Cross-talk Regulating Pancreatic Cancer Progression**

Hidayatullah G. Munshi, MD  
Assistant Professor, Division of Hematology/Oncology  
Northwestern University Feinberg School of Medicine  
Chicago, IL

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# Tumor Cell Biology

- October 7**      **What Makes Prostate Cancer a Lethal Disease?**  
Michael Henry, PhD  
Associate Professor, Department of Pathology  
University of Iowa  
Iowa City, IA
- October 14**      **DNA Zip Codes Control Gene Positioning and Transcriptional Memory**  
Jason Brickner, PhD  
Assistant Professor, Department of Biochemistry, Molecular Biology and Cell Biology  
Northwestern University  
Evanston, IL
- October 21**      **Glucocorticoid Induced Cell Death in Acute Lymphoblastic Leukemia:  
When a Transcription Factor Turns into a Killer**  
Sandeep Gurbuxani, MBBS, PhD  
Assistant Professor, Department of Pathology and Biological Sciences  
University of Chicago  
Chicago, IL
- October 28**      **Regulating the Master Regulator (Sprouty) of Receptor Tyrosine Kinases**  
Tarun Patel, PhD  
Professor and Chair, Department of Pharmacology  
Loyola University Stritch School of Medicine  
Chicago, IL
- November 4**      **To Be Announced**
- November 11**      **The Role of Arginine Methylation of MRE11 in DNA Damage Signaling**  
Stephane Richard, PhD, FRSQ  
Chercheur National James McGill Professor  
Departments of Medicine and Oncology and  
Associate Director, Lady Davis Institute for Medical Research  
Montreal Quebec, CA
- November 19**      **Stimulation of Cell Motility by Tyrosine Kinase Activation of mRNA Decay**  
Daniel Schoenberg, PhD  
Director, Center for RNA Biology  
The Ohio State University  
Columbus, OH
- November 25**      **Thanksgiving Holiday**

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# Cancer Center Appoints New Members

Steven T. Rosen, MD, Director of the Lurie Cancer Center, announces the following full member appointments:

**Kenzie Cameron, PhD, MPH**, is Assistant Professor in the Department of Medicine at the Feinberg School of Medicine. Her research focuses on persuasive message design, the reduction of health disparities, health communication, health promotion, innovative studies of multimedia interventions, and behavior change. Her office is in 750 N Lake Shore Dr, Chicago. Contact Dr. Cameron at 312.503.3910 or [k-cameron@northwestern.edu](mailto:k-cameron@northwestern.edu).

**Sonali Chaudhury, MD**, is Assistant Professor in the Department of Pediatrics at the Feinberg School of Medicine. Her primary clinical research interest is hematopoietic stem cell transplantation for non malignant disorders, as well as novel conditioning regimens and graft sources for transplantation in high-risk leukemias. Her office is in 2300 Children's Plaza, Chicago. Contact Dr. Chaudhury at 773.880.3385 or [schaudhury@childrensmemorial.org](mailto:schaudhury@childrensmemorial.org).

**Jonathan Cotliar, MD**, is Assistant Professor in the Department of Dermatology at the Feinberg School of Medicine. He is interested in treating and investigating the cutaneous toxicities of cancer therapy as well as the cutaneous complications associated with hematopoietic stem cell transplantation, including graft-versus-host disease. His office is in the Arkes Family Pavilion, 676 N. St. Clair St., Suite 1600, Chicago. Contact Dr. Cotliar at 312.695.8106 or [j-cotliar@northwestern.edu](mailto:j-cotliar@northwestern.edu).

**Barbara Jung, MD**, is Assistant Professor in the Department of Medicine at the Feinberg School of Medicine. Her research focuses on colon carcinogenesis with an emphasis on growth factor signaling in local growth and metastasis. Dr. Jung is building a comprehensive multidisciplinary high risk colorectal cancer clinic with registry and tissue bank which will allow collaborative translational research. Her office is in the Robert H. Lurie Medical Research Center, 303 E. Superior St., Chicago. Contact Dr. Jung at 312/503-2882 or [bjung@northwestern.edu](mailto:bjung@northwestern.edu).

**Shilajit Kundu, MD**, is Assistant Professor in the Department of Urology at the Feinberg School of Medicine. He is interested in developing and validating new intravesical chemotherapy agents for bladder cancer, and researching novel methods of detecting de novo or recurrent bladder cancer with spectroscopy. In addition, Dr. Kundu is working to develop an active surveillance protocol, as well as quality of life measures, for patients with very low risk prostate cancer. His office is in the Tarry Building, 303 E. Chicago Ave., Chicago. Contact Dr. Kundu at 312.926.8616 or [skundu@nmff.org](mailto:skundu@nmff.org).

**Patricia Sheean, PhD, RD**, is Assistant Professor in the Department of Preventive Medicine at the Feinberg School of Medicine. Her clinical research interests include medical nutrition therapies and nutrition symptomology in patients undergoing stem cell transplant for cancer related diagnoses. Her office is in 680 N. Lake Shore Drive, Chicago. Contact Dr. Sheean at 312.503.3438 or [p-sheean@northwestern.edu](mailto:p-sheean@northwestern.edu).

**Kalliopi Siziopikou, MD, PhD**, is Professor in the Department of Pathology at the Feinberg School of Medicine. Her subspecialty focus is on breast tumor markers and molecular diagnostics in breast cancer. Dr. Siziopikou's research interests center around molecular markers of prognostic and predictive significance in breast cancer. Her office is in Feinberg Pavilion, 251 E. Huron St., Chicago. Contact Dr. Siziopikou at 312.926.6530 or [p-siziopikou@northwestern.edu](mailto:p-siziopikou@northwestern.edu).

**Sheila Wang, PhD**, is Assistant Professor in the Department of Pediatrics at the Feinberg School of Medicine. She is interested in clinical research evaluating the impact of integrative therapies (primarily touch therapies) on subjective and objective outcomes in cancer patients. Her office is in 2300 Childrens' Plaza, Chicago. Contact Dr. Wang at 773.880.3251 or [shwang@childrensmemorial.org](mailto:shwang@childrensmemorial.org).

# 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](mailto:d-marshall4@northwestern.edu).