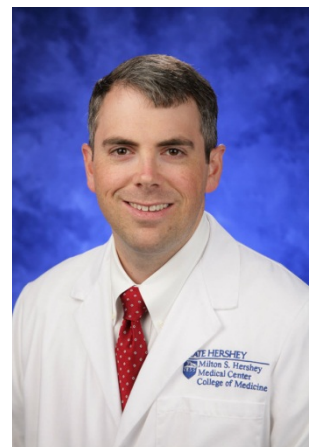


October 2012



## Multidisciplinary Teams

Urologic cancers are complex diseases that require diverse treatment methods to ensure the best outcomes for our patients. At Penn State Hershey Cancer Institute, the multidisciplinary GU cancer team is led by [Matthew Kaag, M.D.](#), assistant professor of surgery and urologic oncologist. In this role, Kaag helps to support the Cancer Institute's mission of coordinating and delivering state-of-the-art interdisciplinary patient care in which medical, surgical and radiation oncologists jointly determine the best therapeutic course for each patient. [Learn More](#)



### GU

Urologic cancers are complex diseases that require diverse treatment methods to ensure the best outcomes for our patients. At Penn State Hershey Cancer Institute, the multidisciplinary GU cancer team is led by [Matthew Kaag, M.D.](#), assistant professor of surgery and urologic oncologist. In this role, Kaag helps to support the Cancer Institute's mission of coordinating and delivering state-of-the-art interdisciplinary patient care in which medical, surgical and radiation oncologists jointly determine the best therapeutic course for each patient. Kaag joined the Penn State faculty in 2011 after completing resident training in urology at the Medical Center as well as a fellowship in GU oncology at Memorial Sloan-Kettering Cancer Center.

The GU cancer team focuses specifically on urologic malignancies of the bladder, kidney, prostate, testes and ureters. Other members include radiation oncologist [Justin J. Juliano, M.D.](#), assistant professor of radiology and medicine; medical oncologist [Joseph J. Drabick, M.D., F.A.C.P.](#), professor of medicine; urologist [Lewis E. Harpster, M.D.](#), assistant professor of surgery; and urologist [Jay D. Raman, M.D.](#), associate professor of surgery.

The mission of the team is to provide a comprehensive multidisciplinary approach to care, and to develop clinical trials specific to patients with genitourinary and gynecologic cancer. From the latest image-guided radiation therapy to robotic-assisted surgery, the team is at the forefront of cancer treatment technology delivering the latest and most effective treatment options.

To schedule an appointment, call 717-531-8887.

[Click here to watch videos from ABC27's Prostate Cancer: A Matter of Facts](#) featuring members of the team.

## Our Partners - Regional Center for Cancer Care

### Teaming up to lead the fight against cancer

Penn State Hershey Cancer Institute's affiliation with Carlisle Regional Cancer Center ensures people have access to multiple levels of care for all types of cancer close to home - a mission shared by both Penn State Hershey Medical Center and Carlisle Regional Medical Center (CRMC).

As part of this partnership, CRMC's oncology patients will benefit from not only greater access to the latest medical advances in cancer prevention and treatment, but also medical and surgical specialists and subspecialists of Penn State Hershey.

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As part of this partnership, CRMC's oncology patients will benefit from not only greater access to the latest medical advances in cancer prevention and treatment, but also medical and surgical specialists and subspecialists of Penn State Hershey. Patients also gain access to the academic medical center's clinical research study programs. Penn State Hershey is providing training and oversight as CRMC assembles a team of research professionals to begin conducting clinical trials.

The cancer team at Carlisle Regional Cancer Center is led by Medical Director Wallace Longton, M.D., and includes medical oncologists Irina Sachelarie, M.D., Harvey Hotchner, M.D., and radiation oncologist Ronald Malcom, M.D.

To celebrate the recent affiliation, Carlisle Regional Cancer Center hosted an open house for CRMC medical staff and Penn State Hershey faculty members on Thursday, September 20, providing an opportunity for members of both organizations to tour the Cancer Center, which includes a newly renovated infusion suite and linear accelerator.

"This new partnership with Penn State Hershey Cancer Institute means we can do even more for our patients fighting cancer," said Carlisle Regional CEO John Kristel. "It truly expands the range, comprehensiveness and quality of oncology services to our patients...in effect, having not one, but two battle stations on your side."

Carlisle Regional Cancer Center is located adjacent to Carlisle Regional Medical Center at 25 Spring Drive in Carlisle. [Click here to learn more about Carlisle Regional Cancer Center](#) and Carlisle Regional Medical Center. To schedule a personal tour of the Cancer Center, please call 717-960-3750.

For a full list of Cancer Institute partners, visit [Penn State Hershey partners](#).



**Pictured from left to right (Carlisle Regional Cancer Center oncology team): Irina Sachelarie, M.D., Wallace Longton, M.D., Medical Director, Ronald Malcom, M.D. and Harvey Hotchner, M.D.**



Wallace Longton, M.D., speaks with guests that attended the Open House on September 20th



Brian Moll, Regional Director of Cancer Services, HMA; Carolyn Moore, Administrative Director of Oncology Services at Carlisle Regional Cancer Center; and Cheryl Reitzel, Clinical Trials, Cancer Institute

## Community Outreach

### Community Partner Spotlight: G.R. Sponaugle & Sons, Inc.

In 2010, G.R. Sponaugle provided its employees with an opportunity to give back to the local community by establishing the G.R. Sponaugle Employee Cancer Research Fund at Penn State Hershey Cancer Institute. The fund supports translational research.

Headquartered in Harrisburg, G. R. Sponaugle & Sons, Inc. is a multi-faceted corporation with a wide range of services including mechanical and electrical construction, service and maintenance, and communications.

According to company president Glen R. Sponaugle, "Cancer and the Medical Center have both touched every one of us in some way. By establishing this endowment, we've given our employees an opportunity to support an initiative that will live in perpetuity."

Employees are encouraged to make a gift to the endowment via weekly payroll deduction or an annual gift. The company matches each employee donation 2:1 and has pledged to contribute no less than \$10,000 annually. Through this year, G. R. Sponaugle and its employees have raised more than \$110,000.

For more information about G.R. Sponaugle & Sons, Inc., please visit [grsponaugle.com](http://grsponaugle.com).

### Upcoming Community Fundraising Events

**September 12 – October 25, 2012**

Pink STYLE Campaign

[Tanger Outlets Hershey](http://TangerOutletsHershey), Hershey, PA

Help in the fight against breast cancer by purchasing the Tanger Pink Savings Card September 12-October 25, 2012.

For a \$1 donation, receive a special PINK SAVINGS CARD that gives you an instant 25% OFF bonus discount on a single item at participating stores at Tanger. Proceeds from the Pink Savings Card will benefit the Stanley K. Tanger Breast Cancer Research Fund.

To purchase your 25% OFF Pink Savings Cards, visit Tanger Shopper Services beginning September 12th, or purchase online at [www.tangeroutlet.com/pinkcard](http://www.tangeroutlet.com/pinkcard).



## **September 30 – October 1, 2012**

### [13th Annual BK Invitational](#)

Woodloch Springs Country Club, Hawley, PA

The 13th annual BK Invitational is a two-day golf tournament and dinner organized by Robert Kiesendahl and his mother Joan. Robert, a father of two, is a leukemia survivor and grateful patient of Penn State Hershey Cancer Institute. His annual tournament is held at Woodloch Springs, a resort the Kiesendahl family owns and operates in the Poconos. Proceeds from the tournament partially support the Robert Kiesendahl Family Endowed Leukemia Research Fund. Over the past 12 years, the tournament has raised more than \$211,000 for the fund.

## **October 11, 2012**

### [Taste of Style](#)

Tanger Outlets Hershey, Hershey, PA

Tanger Outlet Center Hershey will host the first annual 'Tanger Taste of Style' on Thursday October 11, 2012 from 11:00 a.m. to 1:00 p.m. For a \$5 donation, guests will be able to sample some of the area's finest restaurants' most popular menu items. Each guest will be given the chance to vote for their favorite food, and the associated restaurant will be the first recipient of the 'Tanger Taste of Style' travelling trophy. All proceeds from the event will benefit the Stanley K. Tanger Breast Cancer Research Fund.

## **October 17, 2012**

Girls Night Out Altoona

[Jaffa Shrine](#), Altoona, PA

Girls Night Out Altoona is an annual dinner hosted by breast cancer survivor and Penn State Altoona employee, Dana Chestney. Breast cancer survivors, family, friends, and supporters gather at the Jaffa Mosque in Altoona to raise money and celebrate all things "pink." This year's event, which will feature live, silent, and Chinese auctions, will also include a keynote address by Cristina Truica, M.D., associate professor of medicine, Penn State College of Medicine.

Over the past three years, the event has raised more than \$54,000 for breast cancer research at Penn State Hershey Cancer Institute.

## **October 18, 2012**

### [Pennsylvania Pink Zone's Ladies Night Out](#)

Seven Mountains Wine Cellars, Spring Mills, PA

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

The Pennsylvania Pink Zone's inaugural Ladies Night Out fundraising event will be held on Thursday, October 18 at the Seven Mountains Wine Cellars in Spring Mills, PA. Monies raised by the event, which will include a silent auction and fashion show, will support the 2013 WBCA Pink Zone at Penn State – the Lady Lion basketball team's annual fundraising event to support breast cancer awareness and research. In 2012, the Pennsylvania Pink Zone donated \$42,780 to the Lady Lion Basketball Breast Cancer Research Endowment and \$10,000 to the Cancer Genetics Program.

## **Education and Research**

### **Cancer Institute Receives \$52,780 from Penn State Lady Lions for Breast Cancer Research**

The 2012 WBCA Pink Zone at Penn State was a record-breaking event in the Lady Lions' fight against breast cancer as the Penn State women's basketball team donated \$203,000 to six breast cancer charities, including Penn State



Hershey Cancer Institute. In six Pink Zone annual events, the Lady Lions have now donated \$565,317.73 to various breast cancer charities.

"We are proud to continue to be recipients of the Lady Lions' Pink Zone Event. All of the funds go directly to breast cancer research being done here at Penn State Hershey Cancer Institute," said Thomas P. Loughran, Jr., M.D., professor of medicine, director, Penn State Hershey Cancer Institute.

Through past Pink Zone at Penn State funds, the Penn State Hershey Cancer Institute activated the Lady Lion Basketball Breast Cancer Research Endowment. The monies from this year's Pink Zone at Penn State will continue to grow the endowment level of the Lady Lion Basketball Breast Cancer Research Endowment. Additionally, Pink Zone at Penn State funds will be used to support the Cancer Genetics Program led by genetic counselor/medical geneticist Maria Baker, Ph.D. Baker's program provides individuals with information based on their family history and/or genetic testing results to help in the prevention and early detection of breast cancer. Pink Zone at Penn State believes that the support of this program is essential as researchers estimate that 5-10 percent of breast cancer is inherited.

The Lady Lions welcomed a record 505 breast cancer survivors and a Pink Zone record 13,849 fans to the Bryce Jordan Center as Penn State took on Minnesota on February 26, 2012. The Lions topped the Golden Gophers, 74-51, in front of the fourth-largest crowd in BJC history as they honored breast cancer survivors and generated awareness for the fight against breast cancer.

The 2013 WBCA Pink Zone at Penn State date will be announced when the Big Ten schedule is revealed in August. For more information on the Pink Zone at Penn State, visit the official Pink Zone website at [www.gopsusports.com/pinkzone](http://www.gopsusports.com/pinkzone).

## **Cancer Institute Annual Symposium**

The 18th Annual Penn State Hershey Cancer Institute Symposium "Control of Metabolic Pathways and Cancer and Lung Cancer: Biology, Therapy, and Personalized Medicine" is scheduled for Thursday, October 25, 2012 in the Edward P. Junker III Auditorium, Penn State Hershey Medical Center, from 8:00 a.m. to 4:15 p.m. This program highlights the current trends of basic research and clinical applications in the field of cancer, including the influence of diet on cancer development, the role of obesity in cancer, how immunotherapy in combination with chemotherapy causes lung cancer regression, and the role of stem cells in the biology and clinical features of lung cancer. Oncologists, general and family practitioners, internists, nurses, residents, basic scientists, surgeons, graduate students, and other health care professionals can benefit from attending this program. Penn State has approved this program for 0.5 continuing education units. Registration is required by October 18, 2012. Walk-in registration is limited. For a complete list of topics and speakers, click here. To register, visit [PennStateHershey.org/ce](http://PennStateHershey.org/ce), e-mail [ContinuingEd@hmc.psu.edu](mailto:ContinuingEd@hmc.psu.edu) or call 717-531-6483.

## **ACS Scientific Program Director Karl Saxe visits Cancer Institute**

Charles "Karl" Saxe, III, Ph.D., scientific program officer for the American Cancer Society (ACS) national research office in Atlanta, Georgia visited Penn State Hershey Cancer Institute on July 24, 2012. During his visit, Saxe, along with representatives from the East Central Division of the ACS, attended an informal reception where he met both current and former ACS grantees. He also presented on the ACS peer review process and grant funding changes and priorities. The ACS is the nation's largest non-governmental investor in cancer research. Its global grassroots force of three million volunteers is dedicated to saving lives by helping people stay well by preventing cancer or detecting it early, helping them get well by being there during and after a diagnosis, by finding cures through the funding of groundbreaking research, and fighting back through public policy.





## Cancer Control and Population Health Program

[Roger T. Anderson, Ph.D.](#) is a public health scientist that leads the Penn State Hershey Cancer Institute's Cancer Control and Population Health (CCPH) Program. Anderson was trained in the behavioral sciences and public health at the Johns Hopkins University School of Hygiene and Public Health in Baltimore, and holds the rank of professor of Public Health Sciences at Penn State College of Medicine.

The CCPH Program seeks to foster new knowledge on the identification and control of cancer risk factors such as tobacco, sedentary behavior, obesity, and environmental exposures, and to support cancer survivorship from diagnosis to prevention of cancer recurrence and end-of-life care. The Program brings together interested faculty researchers through bi-annual research retreats and grant proposal writing teams to respond to local and national funding initiatives, and helps secure pilot funding for promising research ideas in cancer control. The CCPH Program has organized three current research interest groups that are strengths among Cancer Institute members: tobacco control research led by Stephen Branstetter, Ph.D. (Department of Biobehavioral Health); cancer survivorship and physical activity led by David Conroy, Ph.D. (Department of Kinesiology), and health services research (understanding and reducing cancer disparities in rural and low income populations) led by Anderson.

After joining Penn State Hershey from the Wake Forest University School of Medicine in 2007, Anderson focused his research on describing and reducing gaps in access to optimal cancer treatment and outcomes in Appalachia. He is working with research collaborators at University Park to intricately map regions in Appalachia based upon rates of breast cancer screening, late-stage tumors, and cancer mortality to examine how and where the roles of primary care and cancer care coordination can be expanded to improve access to care. Persons who live in areas that lack sufficient health care resources may need different interventions or solutions to access care than those who live in urban environments. Although health insurance and affordability are key barriers to seeking care, even persons covered by Medicare or Medicaid insurance have gaps in care in underserved regions. Anderson has assembled a team of investigators to pursue a National Cancer Institute (NCI) project to be submitted in January 2013 that will study population gaps in breast cancer screening from the level of individual (patient) beliefs and attitudes toward preventive care and cancer screening; primary care practices as patient support and referral centers consistent with concepts of a 'medical home'; and outreach and organizational policies of mammography centers. Each of these levels is distinct and necessary to address promoting guideline-recommended breast cancer screening.

The recent work of Anderson's team in Appalachia has shown a strong association of under-utilization of breast cancer screening and late-stage tumors especially in economically disadvantaged counties. The latter research database assembled with NCI funding spans four states and 230 counties also serves as a training dataset for doctoral students at University Park who are interested in pursuing a career in cancer health care research and supported by Susan G. Komen foundation stipends and faculty support. Anderson's other major area of research expertise is in the design and use of outcomes assessment tools. For the latter he has developed, tested and used measures of treatment satisfaction for patients with chronic diseases, self-management of disease, and health-related quality of life. His national and international expertise in this component of research is vital to fully accounting for the benefits or costs of therapies or treatment approaches and in demonstrating comparative effectiveness, given clinical efficacy.

A fall 2012 CCPH research retreat is being planned for November to discuss research advances and progress and to develop new initiatives.

## Faculty Grant Support – May/August 2012

The following faculty have received grant support:

Primary Investigator	Research	Sponsor
James Connor, Ph.D.	Development of a Nanotechnology Platform for Delivery of siRNA to Cancer Cells	PA TSF
Sinisa Dovat, M.D., Ph.D.	Regulation of Tumor Suppression in Childhood Leukemia	Hyundai Hope on Wheels
Sinisa Dovat, M.D., Ph.D.	The Role of Ltkaros in Myeloid Differentiation	St. Baldrick's Foundation
Ping Du, M.D., Ph.D.	Anal Human Papillomavirus Infection in HIV-infected Women	PA TSF
Niklas Finnberg, Ph.D.	Sorafenib and Quinacrine as Potential Combination for Anaplastic Thyroid Carcinoma	American Thyroid Association
Carla Gallagher, Ph.D.	UGT Genetic Variation and Colorectal Cancer Risk	PA TSF
David Goldenberg, M.D.	Determining the Association between Radon Levels and Thyroid Cancer	American Academy of Otolaryngology
Susan Hafenstein, Ph.D.	Structural Studies of Virus Receptor Interactions	PA TSF
Mark Kester, Ph.D.	Therapeutic Delivery of siRNA Using Calcium Phosphate Nano Jackets for Improved Cancer Treatment	COP: Department of Health
Aron Lukacher, M.D., Ph.D.	Development of a Murine Model for JCV-PML	PML Consortium LLC
Craig Meyers, Ph.D.	Monitoring of Serum from Vaccinated Women for Neutralization of Vaccine and Non-vaccine Authentic Human Papillomavirus	Merck Sharp & Dohme Research Labs
Rogério Neves, M.D.	A Phase III, Randomized Trial of Surgical Resection With or Without BCG Versus Best Medical Therapy as Initial Treatment in Stage IV Melanoma	John Wayne Cancer Institute
K. Sandeep Prabhu, Ph.D.	Effects of Omega-3 Fatty Acids on Cancer Stem Cells	NCI
K. Sandeep Prabhu, Ph.D.	Targeting Leukemia Stem Cells with Dietary Selenium	NCI
Gavin Robertson, Ph.D.	Overcoming Resistance to B-Raf Targeting Agents Using LPD Nanotechnology	Joanna M Nicolay Melanoma Foundation

Arun Sharma, Ph.D.	Development of a Novel Agent for Lung Cancer Prevention	NCI
Jonas Sheehan, M.D.	CSF Flow Abnormalities and Mortality Rates in Intra-Thecal Chemotherapy for Leptomeningeal Metastases	American Association of Neurological Surgeons
Thomas Spratt, Ph.D.	Genotoxicity and Repair of Tobacco-specific Nitrosamine DNA Adducts	NIH
Kevin Staveley-O'Carroll, M.D., Ph.D.	An Orthotopic Murine Model of HCC: Immunotolerance and Prevention	NCI
Hong-Gang Wang, Ph.D.	Targeting Autophagy in the TME	NCI
Richard Zaino, M.D.	Progesterone Action in the Endometrium of Women with Endometriosis	University of North Carolina

## Faculty Publications (July-September 2012)

1. Boregowda, R. K., Adams, C., and Hu, J. (2012). TP-RT domain interactions of duck hepatitis B virus reverse transcriptase in cis and in trans during protein-primed initiation of DNA synthesis in vitro. *J Virol* 86, 6522-6536.
2. Conkrite, K., Sundby, M., Mu, D., Mukai, S., and Macpherson, D. (2012). Cooperation between Rb and Arf in suppressing mouse retinoblastoma. *J Clin Invest* 122, 1726-1733.
3. Jerez, A., Clemente, M. J., Makishima, H., Koskela, H., Leblanc, F., Ng, K. P., Olson, T., Przychodzen, B., Afable, M., Gomez-Segui, I., Guinta, K., Durkin, L., His, E.D., McGraw, K., Zhang, D., Wlodarski, M.W., Porkka, K., Sekeres, M.A., List, A., Mustjoki, S., Loughran, T.P., Maciejewski, J.P. (2012). STAT3 mutations unify the pathogenesis of chronic lymphoproliferative disorders of NK cells and T cell large granular lymphocyte leukemia. *Blood*. Epub ahead of print.
4. Konsavage, W. M., Jr., Jin, G., and Yochum, G. S. (2012). The Myc 3' Wnt Responsive Element Regulates Homeostasis and Regeneration in the Mouse Intestinal Tract. *Mol Cell Biol*. Epub ahead of print.
5. Lin, Z., Yang, H., Kong, Q., Li, J., Lee, S. M., Gao, B., Dong, H., Wei, J., Song, J., Zhang, D. D., and Fang, D. (2012). USP22 Antagonizes p53 Transcriptional Activation by Deubiquitinating Sirt1 to Suppress Cell Apoptosis and Is Required for Mouse Embryonic Development. *Mol Cell* 46, 484-494.
6. Mauguen, A., Le Pechoux, C., Saunders, M. I., Schild, S. E., Turrisi, A. T., Baumann, M., Sause, W. T., Ball, D., Belani, C. P., Bonner, J. A., et al. (2012). Hyperfractionated or accelerated radiotherapy in lung cancer: an individual patient data meta-analysis. *J Clin Oncol* 30, 2788-2797.
7. Mohammed, J., Gunderson, A. J., Khong, H. H., Koubek, R. D., Udey, M. C., and Glick, A. B. (2012). TGFbeta1 Overexpression by Keratinocytes Alters Skin Dendritic Cell Homeostasis and Enhances Contact Hypersensitivity. *J Invest Dermatol*. Epub ahead of print.
8. Shi, C., Cooper, T. K., McCloskey, D. E., Glick, A. B., Shantz, L. M., and Feith, D. J. (2012). S-adenosylmethionine decarboxylase overexpression inhibits mouse skin tumor promotion. *Carcinogenesis* 33, 1310-1318.
9. Tanos, R., Patel, R. D., Murray, I. A., Smith, P. B., Patterson, A. D., and Perdew, G. H. (2012). Aryl hydrocarbon receptor regulates the cholesterol biosynthetic pathway in a dioxin response element-independent manner. *Hepatology* 55, 1994-2004.
10. Wilson, J. J., Pack, C. D., Lin, E., Frost, E. L., Albrecht, J. A., Hadley, A., Hofstetter, A. R., Tevethia, S. S., Schell, T. D., and Lukacher, A. E. (2012). CD8 T cells recruited early in mouse polyomavirus infection undergo exhaustion. *J Immunol* 188, 4340-4348.
11. Yang, X., Smidansky, E. D., Maksimchuk, K. R., Lum, D., Welch, J. L., Arnold, J. J., Cameron, C. E., and Boehr, D. D. (2012). Motif D of Viral RNA-Dependent RNA Polymerases Determines Efficiency and Fidelity of Nucleotide Addition. *Structure*. Epub ahead of print.



## News and Notes

### State College Oncology Patients to Receive Care at New Cancer Pavilion

Effective Monday, October 29, patients receiving care from the Penn State Hershey oncology team at [Penn State Hershey Medical Group - Benner Pike](#) will now receive care at the new Lance and Ellen Shaner Cancer Pavilion at Mount Nittany Medical Center, 1800 East Park Avenue, State College. The Penn State Hershey Cancer Institute team in State College is devoted to providing the highest standards of individualized care for patients. As part of its commitment, it is partnering with Mount Nittany Medical Center to advance oncology and hematology services in the community. Patient care will still be provided by the same outstanding, friendly Penn State Hershey team in a new state-of-the-art facility. Questions can be directed to [Witold Rybka, M.D., F.R.C.P.C.](#), Interim Director, Penn State Hershey Cancer Institute in State College, at [wrybka@hmc.psu.edu](mailto:wrybka@hmc.psu.edu).

### Getting the upper hand on LGL leukemia

In the more than 25 years since he discovered large granular lymphocyte – or LGL – leukemia, patients have traveled from all over the world to see Tom Loughran, M.D. of Penn State Hershey Cancer Institute. In this edition of Sound Health, Loughran discusses the discovery and his ongoing work to learn all he can about the disease. We also hear from one of his patients, Bob Meldrum, about why he travels from Colorado to be treated by Loughran: <http://pennstatemedicine.org/2010/07/01/finding-and-following-of-a-killer/>

### Medical Minute Video Interview: Thyroid Cancer

As part of Thyroid Cancer Awareness Month, two Penn State Hershey physicians participated in a video Medical Minute. Watch this video to hear Leah Cream, M.D., a Penn State Hershey oncologist, talk about how she [got the upper hand on thyroid cancer](#). Learn more about [thyroid cancer in this video featuring David Goldenberg, M.D., director of head and neck surgery](#).

### Nutrition Services at the Cancer Institute

Penn State Hershey Cancer Institute has an outpatient registered dietitian (RD) available to see patients for nutrition counseling. Taryn Rebeck, R.D., is available to discuss a variety of nutrition guidelines and recommendations based on the type of cancer and the treatment your patient is receiving. Services include:

- Nutrition management of side effects from cancer treatments
- Personalized, individual meal plans for optimal health
- Nutrition management of tube feedings
- Education on diet and general wellness before, during and after cancer treatment
- Education on nutrition supplements
- Tolerable recipes during cancer treatment



Patients must be referred from his or her oncologist prior to scheduling an appointment for nutrition counseling. Please direct any questions to Taryn Rebeck via e-mail at [trebeck@hmc.psu.edu](mailto:trebeck@hmc.psu.edu) or 717-531-0003, ext. 285604.

## **Pink Glove Dance Video Employee Premiere Party**

You showed your love for the pink glove. Now walk the pink carpet for the premiere of our Pink Glove Dance Video!

**Wednesday, October 10, 2012**

### **Lecture Room C**

7:30 a.m.

8:00 a.m.

11:30 a.m.

Noon

### **T2500**

4:00 p.m.

4:30 p.m.



You'll get a sneak peek at our final video submission before it goes live for voting on [PinkGloveDance.com](http://PinkGloveDance.com) on October 12.

Can't make it on Wednesday? You'll find the final video submission posted on Mediasite, along with all of the dances that were filmed.

Don't forget to check the Pink Glove Dance icon on the Infonet to find out how to vote for Penn State Hershey.

Light refreshments will be served. The first 100 employees will receive a pink gift!

## **Vote for Penn State Hershey's Pink Glove Dance Video**

Together we danced for a cure! Our Pink Glove Dance Video to raise breast cancer awareness is in the running for a \$10,000 donation in our name to a breast cancer charity.

Vote for Penn State Hershey's Pink Glove Dance Video today at [PinkGloveDance.com](http://PinkGloveDance.com). Every vote counts from October 12-26, 2012. Don't forget to share this link with your family, friends and co-workers!

## **Inpatient News**

### **Inpatient Unit is on the Move**

In late March 2012, the move of the inpatient oncology unit was approved to backfill the seventh floor, main building when the Children's Hospital opens. This move increases the oncology bed complement to thirty-nine from the current thirty-six. The thirty-nine beds are allocated among the various wings as follows: fifteen beds south wing (transplant), fourteen beds east wing (hematology), and ten beds south wing (oncology). There will be overlap as census on various services change. This will allow providers and staff to interact with a specific service rather than needing to interact with all services on a daily basis.

The majority of construction will focus on the south wing. The current west side of the south hall will see construction of a palliative care room, VIP room for medicine, and a nurses station.

Patients will be able to interact in the rotunda and in a patient family waiting area in the north Crescent, which is an important activity in coping and recovery. We hope to have this area staffed by a volunteer throughout the day and early evening hours.

Patients will be educated in a group environment through a dedicated patient education room off the rotunda Crescent. We will also have the ability to continue our Music and Movement sessions with Physical Therapy and Music Therapy in a more inviting area.

The team for the move, including physicians, staff nurses, patient care secretaries, patient care assistants and leadership, meets bi-weekly to incorporate patient, nursing and provider needs to make this a user-friendly work environment that allows for collaboration among providers.

Any comments or questions can be directed to Cancer Institute Inpatient Unit Nurse Manager Michelle Kopp via e-mail at [mkopp@hmc.psu.edu](mailto:mkopp@hmc.psu.edu) or by calling 717-531-6736.

## **Professional Clinical Ladder Program**

The Professional Clinical Ladder Program recognizes and rewards registered nurses for clinical excellence and provides a pathway for advancement. A portfolio demonstrating level of practice is created and incorporates evidence from the following key points:

1. Independence and personal involvement that enhances professionalism.
2. Accountability for competencies, areas of expertise, and levels of skill and knowledge.
3. Subjective and objective data evaluation by the Clinical Ladder Committee.
4. Impact of nursing interventions on patient outcomes.
5. Examples from practice demonstrating the art and science of nursing.

Clinical Ladder Level 4 nurses include Angela Perlakowski, R.N., Jennifer Clemmer, R.N., Deidre Geen, R.N., and Charlene Stein, R.N. Clinical Ladder Level 3 nurses include Joan Boyd, R.N., Neda Veleadar, R.N., Tasha Snyder, R.N., Fallon Casner, R.N., Monica Esch, R.N., Jennifer Zimmerman, R.N., and Allison Koblitz, R.N.

## **Hand Hygiene: a simple act**

Please take a moment to review the following information about hand hygiene and measurement. If you have questions, please contact hand hygiene champions Cristina Truica or Michelle Kopp.

### **Facts about hand hygiene**

- Nosocomial infections kill more people in our country each year than car accidents, fires and drowning combined.
- Nosocomial infection-related deaths represent the fourth leading cause of death in the United States.
- In the United States, a patient dies every six minutes of a hospital-acquired infection.
- The vast majority of all nosocomial infections are transmitted by our hands.
- Our national compliance rate is 40-60 percent.

### **Special circumstances**

The following circumstances should NOT be considered as non-compliance:

- When health care personnel enter the patient room to respond to a patient emergency, such as a code or potential fall.
- When health care personnel carry something into a room and perform hand hygiene immediately after putting items down. A good example of this might be during physician rounding where hand hygiene is performed as the team exits one patient room and immediately enters another patient room.
- When health care personnel exit the room and re-enter another patient care area within 30 seconds of performing hand hygiene and do not touch anything.
- When health care personnel (i.e. a physical or occupational therapist) touches the patient while helping them ambulate at room entry or exit.

For those patients in Isolation, it is imperative that we perform hand hygiene PRIOR to gloving and gowning AND repeat hand hygiene AFTER removal of gloves and gowns.

## How will hand hygiene be measured?

Observers will be collecting data over the next few weeks. Coaches will address a non-compliant washer when the act is occurring.

## Inpatient Unit Welcomed Student Nurse Externs

For ten weeks this summer, the Cancer Institute was home to five student nurse externs who came to us from a variety of nursing programs.

The student nurse externs were broken into two groups. Student nurse externs level one included Sarah Sonnon-Puceta from Bloomsburg University; Abigail Wade from Messiah College; and Brittney Yochum from Penn State University. These students are entering their junior year and were able to practice basic nursing skills such as obtaining vital signs, providing AM care, participating in nursing treatments and observing bedside procedures.

Student nurse externs level two included Katie Hissick and Rachel Ehrhart, both from Penn State University. These students worked side-by-side with Cancer Institute nurses learning more complex nursing skills such as assessment, participating in physician rounds and shift report, as well as sharpening basic nursing skills. This group also completed an evidence-based project on the unit. The students researched nurse fatigue and early burnout. The project included a display of evidence-based research as well as an interactive quiz for Cancer Institute nurses.

The student nurse externs participated in a recognition ceremony on July 26 to mark the end of their learning experience at the Cancer Institute. They spoke to the experiences here, stating that they now feel more confident in patient interactions and assessment skills, and widened their nursing knowledge base. Many of the students plan on remaining as nurse's aides at the Medical Center.

Staff recognized the positive impact the student nurse externs had at the Cancer Institute. Comments were made stating that the fresh faces and attitudes invigorated staff for the summer. Patients and families alike made note of the student nurse externs' willingness to help and stated that their stay was made very comfortable by their hospitality.

## Pet Therapy Dog: Darcy

A mixed-breed Walker coon hound therapy dog, Darcy, along with her owner Ann Louise Gilfoyle, represented the Pet Therapy Program at the recent Magnet Recognition Program site visit. Darcy and her sister Lola have been visiting patients and families in the Cancer Institute since 2008.



Photo credit: Denise Andrisani

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