

THE
University of Vermont
C A N C E R C E N T E R

The eALERT is an internal newsletter sent semi-monthly.
Please send submissions for the eALERT to [Sarah Keblin](#) by 4 PM Wednesday for
submission in the current issue.

Thursday, June 25, 2015

MMM Program Meeting: June 29

Join Kick-off for Men's Health and Cancer Conference: June 26

Reminder: Call for Applications for ACS IRG Funding

Limited Competition Award Announced for Hematologic Malignancy-Related Research:
Gabrielle's Angel Foundation

UVM Cancer Center at Chittenden County Relay for Life

Cancer Biology Course Offered by Biochemistry

Spotlight on Technology Services: BIOBANK

Publications and Announcements

Funding Opportunities- NEW LISTINGS THIS WEEK

Ongoing Events

Event Spotlight

[Men's Health and Cancer Conference](#)

Friday, June 26

An Educational Event for the General Public

Students encouraged to attend.

Welcome from 8:30-8:45-- members encouraged to come!!

Sullivan Classroom
(MedEd 200)
8 AM to 12 PM

Events Calendar

June 2015

Men's Health Awareness Month

26 [Men's Health and Cancer Conference presented by the UVM Cancer Center](#); Medical Education Center, UVM College of Medicine; 8-12.

26 CMB Alumnus Seminar: "Road Trip from UVM CMB to the Clinical Use of Next Generation Sequencing;" featuring Matthew McGinnis, PhD'88, Executive Director, Molecular Genetics Genoptix; HSRF 400, 11 AM.

29 Molecular Mechanisms of Malignancy Research Program Meeting; featuring Matt Kinsey, MD, and Jos van der Velden, PhD: *Investigation of the Pathophysiologic*

MMM Research Program Meeting Featuring Matt Kinsey, MD and Jos van der Velden, PhD

The UVM Cancer Center's Molecular Mechanisms of Malignancy (MMM) research program will host a meeting on **Monday, June 29th from 4-5:30 PM in HSRF 200**. A presentation by UVM Cancer Center members **Matt Kinsey, MD** and **Jos van der Velden, PhD**, titled "Investigation of the Pathophysiologic Associations of GSTP1 in Emphysema and Lung Cancer," will be featured.

Additionally, the meeting is meant to facilitate discussions about and support for new research ideas, funding opportunities as well as mentoring and resources. All UVM Cancer Center members are encouraged to attend.

For more information, please contact program leaders [Marc Greenblatt, MD](#) and [Janet Stein, PhD](#).

UVM Cancer Center Members Invited to Join in Welcome for Men's Health and Cancer Conference

UVM Cancer Center staff and faculty are encouraged to join in the public welcome for the upcoming Men's Health and Cancer Conference, from about 8:30- 8:45AM, Friday, June 26. Please join the public in kicking off what we hope will be an annual event. All Cancer Center members and staff are also welcome to attend this public education event and are strongly encouraged to refer patients.

This half-day event, hosted by the UVM Cancer Center and the Division of Urology, is on **Friday, June 26, 2015** and is free and open to the public. For more information, or to register, [click here](#).

Associations of GSTP1 in
Emphysema and Lung Cancer;
HSRF 200, 4-5:30 PM.

July 2015
UV Safety Month

**18 Komen Race for the Cure
VT**; Manchester, VT.


**27-30 UVM Hosts 2015 Stem
Cell Conference**: *Stem Cells,
Cell Therapies, and Bio-
engineering in Lung Biology and
Diseases*; UVM faculty, staff and
students invited at discounted
rate (see email announcement
for code, or, contact [CME](#)).

September 2015
*Ovarian, Leukemia and
Lymphoma, Childhood and
Prostate, and Thyroid Cancer
Awareness Month*

**12 Sugarbush Polo Club
match to benefit the UVM
Cancer Center**; more details to
come!

**14 J. Walter Juckett
Distinguished Lecture, "The
roles of non-coding RNA in
cancer,"** featuring nobel prize
winning scientist Phil Sharp,
PhD, Professor at the Koch
Institute for Integrative Cancer
Research at MIT.


October 2015
Breast Cancer Awareness Month



PRESENTS

Men's Health + Cancer 2015 CONFERENCE




Friday, June 26, 2015
8:00 am – 12:00 pm
•••
SULLIVAN CLASSROOM
University of Vermont Medical Education Pavilion



A FREE COMMUNITY EVENT

Please join us for a half-day event focused on education about MEN'S HEALTH AND CANCER. Sessions will include information about nutrition and cancer prevention, screening, treatment, survivorship, and more.

Pre-registration is available until June 19th. Visit www.VermontCancer.org or call (802) 656-4414.

 [facebook.com/UVMCancerCenter](https://www.facebook.com/UVMCancerCenter)  [pinterest.com/UVMCancerCenter](https://www.pinterest.com/UVMCancerCenter)  [@UVMCancerCenter](https://twitter.com/UVMCancerCenter)

Reminder Call for Applications: ACS Institutional Research Grant

The UVM Cancer Center invites applications for a second round of funding from the recently awarded Institutional Research Grant (IRG) from the American Cancer Society (ACS). Junior faculty may apply for the award of research grants up to \$30,000 for one year and renewable for a second year contingent upon the progress of the project. Funded research may cover the cancer continuum and should emphasize transdisciplinary and translational investigation via the Cancer Center's three research programs: Molecular Mechanisms of Malignancy, Host Factors and Tumor Progression, and Cancer Control and Population Health Sciences. The application must be a collaboration between a laboratory or behavioral scientist and a physician investigator. Investigators associated with the University of Vermont, and the Albany College of Pharmacy and Health Sciences are eligible to apply.

These grants are intended for new investigators (within six years of first independent academic appointment) who do not have an active, nationally competitive research grant (e.g., from NIH, NSF, ACS).

If you are interested in applying but need guidance in forming a partnership or vetting an idea, please contact [Kate Webster](#). UVM Cancer Center leadership is very willing to facilitate partnerships for these, and other, grants.

The deadline for submission is July 20, 2015. [Click here](#) for application guidelines and other information.

Please contact Kate Webster at 656-2137 or Kate.Webster@medu.uvm.edu with questions.

2 **SAVE THE DATE: 18th Annual Women's Health and Breast Cancer Conference.**

14-16 [UVM Hosts Northeast Regional Life Sciences Core Directors Conference \(NERLSCD\)](#); Hilton, Burlington, VT and UVM Campus.

Limited Competition for Gabrielle's Angel Foundation: Call for Pre-applications

The UVM Cancer Center has been invited to submit up to two applications for [Gabrielle's Angel Foundation](#) Awards which aim to encourage the development of more effective therapies for patients with leukemia, lymphoma and related cancers . This limited-competition award invites applications from junior faculty who are conducting mainstream or conventional research as well as complementary or integrative research that optimize the delivery of care and improve the lives of those with cancer--specifically hematologic malignancies. A project in each category may be submitted.

Projects will be funded for a three-year period at \$75,000 per year. We are one of only a select group of institutions invited to submit applications in each category, and reviews of applications will be completed and funds distributed by December of this year.

Interested applicants can request the full grant guidelines and a pre-application form from [Kate Webster](#); pre-applications will be due back to Kate Webster by July 13, 2015.

UVM Cancer Center Leads Caregiver and Survivor Lap Kick-off at Chittenden County Relay for Life

On Friday, June 19, caregivers and researchers from the UVM Cancer Center led the survivor and caregiver lap at the 2015 ACS Relay for Life of Chittenden County. It was a beautiful night at the Essex Fairgrounds, where hundreds of community members gathered to raise funds for cancer research and honor loved ones touched by cancer.

Many thanks to UVM faculty and staff who participated in the 2015 Chittenden County Rely for Life. Your presence was certainly appreciated by participants who recognize you as a part of their care team.



UVM Cancer Center Members Lead the Caregiver and Survivor Lap at the 2015 Relay for Life

Fall Cancer Biology Course Offered

The Department of Biochemistry will be offering a cancer biology course this fall titled "Cancer Biology: Determinants of Disease Progression." Lectures are built on the theme of the cancer continuum, from the onset of cell transformation, to the highly metastatic tumor cell. Topics include oncogenes, tumor suppressors, DNA damage and repair, angiogenesis, metastasis, cancer immunology and cancer genetics. Students' will have the opportunity to present papers on specific cancer types (breast, prostate, thyroid, leukemia) or related to mechanisms, intervention strategies and more.

The class will run this fall on Thursdays from 4-6:30 PM. For more information about the course, please contact course directors [Janet Stein, PhD](#) and [Jane Lian, PhD](#).

Spotlight on Technology Services: Biobank

The UVM Cancer Center Biobank Core Facility and shared resource provides fresh-frozen surgical resection specimens of tumor and (when possible) normal tissues to UVM Cancer Center and Medical Center researchers*. The facility is managed and operated by the Department of Pathology and Laboratory Medicine, whose staff and faculty also provide expertise and consultation in utilizing Biobank resources.

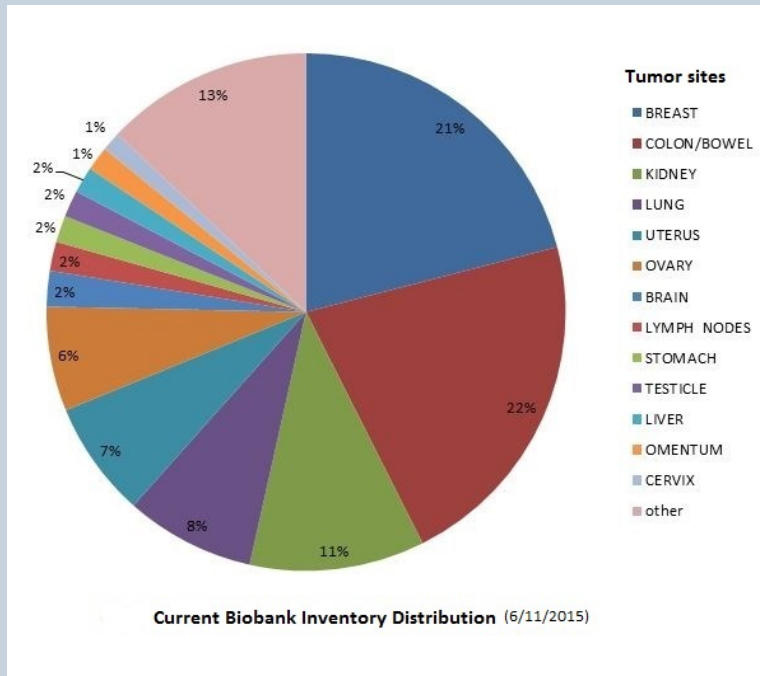
In 2014 Biobank operations were extensively revised. On average 30+ new specimens are now collected each month. These are graded and catalogued according to the time interval between surgical excision and flash freezing. The Biobank is also now collecting skin tumor excisions from Mohs surgery outpatients.

Services are currently provided at no cost to UVM investigators and include:

- Biobank database search for required/desired specimens.
- Retrieval and distribution of de-identified/coded banked specimens.
- Potential for customized collection of specific sample types through consultation with Biobank personnel.
- Guidance with respect to requirements for protection of human subjects, tissue ownership, limitations on tissue utilization, and responsibilities to UVM.

**Any cancer research that involves human subjects requires UVM Cancer Center PRMC and UVM IRB approvals and requires that investigators have completed the "Protection of Human Subjects in Research" tutorial (available [here](#)).*

For more information, or to reach the Biobank, visit their [webpage](#), or, contact Technical Director [Mark Evans](#), or Sr. Technologist [Christine Adamson](#).



Publications and Announcements

Please send announcements and publication notices to [Sarah Keblin](#) for inclusion in the eALERT and other promotional material

Announcements:

Ted James, MD was selected as one of sixteen participants nationally to participate in the 2015-2016 American Society of Clinical Oncology (ASCO) Leadership Development Program. The ASCO Leadership Development Program, initially launched in 2009, is a year-long program designed to train future leaders in medicine by providing practicing oncologists with leadership skills training, networking opportunities, and mentorship from ASCO leaders.

On June 2, 2015 **Gary Stein, PhD** was awarded an honorary degree from the Universidad Andres Bello in Santiago, Chile. the Faculty of Biological Sciences at Andres Bello conferred the honor, recognizing Dr. Stein's scholarly contributions to the development of science and academy in the world, but also significantly in Chile.

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Publications:

[C-ing the Genome: A Compendium of Chromosome Conformation apture Methods to Study Higher-Order Chromatin Organization.](#) Barutcu AR, Fritz AJ,

Zaidi SK, vanWijnen AJ, **Lian JB**, **Stein JL**, Nickerson JA,

Imbalzano AN, **Stein GS**. J Cell Physiol. 2015 Jun 8. doi: 10.1002/jcp.25062. [Epub ahead of print] PubMed PMID: 26059817.

[Correlated gene expression supports synchronous activity in brain networks.](#) Richiardi J, Altmann A, Milazzo AC,

Chang C, Chakravarty MM, Banaschewski T, Barker GJ, Bokde AL, Bromberg U, Büchel C, Conrod P, Fauth-Bühler M, Flor H, Frouin V, Gallinat J, Garavan H, **Gowland P**, Heinz A, Lemaître H, **Mann KF**, Martinot JL, Nees F, Paus T, Pausova Z, Rietschel M, Robbins TW, Smolka MN, Spanagel R, Ströhle A, Schumann G, Hawrylycz M, Poline JB, Greicius MD; IMAGEN consortium. BRAIN NETWORKS. Science. 2015 Jun 12; 348(6240):1241-4.

doi:10.1126/science.1255905. Epub 2015 Jun 11. PubMed PMID: 26068849.

[Twitter K-H networks in action: Advancing biomedical literature for drug search.](#) Hamed AA, Wu X, Erickson R,

Fandy T. J Biomed Inform. 2015 Jun 8. pii: S1532-0464 (15)00095-7. doi: 10.1016/j.jbi.2015.05.015. [Epub ahead of print] PubMed PMID: 26065982.

[An Exploratory Analysis of Public Awareness and Perception of Ionizing Radiation and Guide to Public Health Practice in Vermont.](#) **Evans KM**, Bodmer J,

Edwards B, Levins J, O'Meara A, Ruhotina M, Smith R, Delaney T, Hoffman-Contois R, Boccuzzo L, Hales H, **Carney JK**. J Environ Public Health. 2015; 2015:476495. doi: 10.1155/2015/476495. Epub 2015 Apr 28. PubMed PMID: 26060500; PubMed Central PMCID: PMC4427848.

Funding Opportunities

Green indicates NEW

An extensive list of upcoming, extramural funding opportunities can now be found on the [UVM Cancer Center website](#). This list will be updated monthly, however highlighted opportunities from this larger list will still appear in the eALERT. Please send funding opportunities you'd like to add to the list to [Kate Webster](#).

- [The Damon Runyon-Rachleff Innovation Award](#); designed to provide funding to extraordinary early career researchers who have an innovative new idea but lack sufficient preliminary data to obtain traditional funding; **application deadline is July 1, 2015.**
- [Gabrielle's Angel Foundation](#); limited competition award for junior faculty, UVM Cancer Center may send two applications-one in each of two categories (conventional research and integrative/ complementary); 3-year award, \$75,000 per year. Contact Kate Webster for pre-application and guidelines; **pre-application due to Kate Webster by July 13, 2015.**
- [UVM Cancer Center Call for ACS IRG projects](#); up-to \$30,000 for one year, and chance to renew for additional year, recognizing junior faculty teams of a laboratory/behavioral scientist and a physician investigator; **deadline July 20.**
- [DOD Breast Cancer Research Program \(BCRP\) Innovator and Breakthrough Awards](#); **deadline is July 28, 2015.**
- [Collaborative Research Projects to Enhance Applicability of Mouse Models for Translational Research \(Collaborative R01\)](#); **first cycle deadline is August 8, 2015**
- [UVM FUNDING: Fostering Interdisciplinary Scholarship, Arts, & Research" \(FISAR\)](#); Up to \$200,000 in funding is available; The FISAR Grant Program seeks to identify and promote promising interdisciplinary/multidisciplinary research, scholarship and creative arts bridging the participating Colleges. UVM faculty members in COM, CAS, and CEMS who are active in scholarship, research, and/or creative work are eligible to apply; **deadline is October 15, 2015.**

[UVM Cancer Center Research Grants](#)

A full list of all organizations designated by the NCI as providing peer-reviewed funding can be found [here](#).

Ongoing Events

Cancer Biology and Technology Seminar Series (an integrated part of the Biochemistry Seminar Series)
Second Friday of each month at Noon, Given C443.

UVM Cancer Center Grand Rounds

1st, 2nd, 3rd, 5th

Tuesday 8-9am, MedEd 300

Please refer to the UVM Cancer Center Website for information regarding regularly scheduled tumor board meetings. Information can be found [here](#).

UVM Cancer Center Leadership:

Gary S. Stein, PhD, Director

Claire F. Verschraegen, MD, Deputy Director, Cancer Service Line Director

Kate Webster, CRA, Research Center Administrator

Sarah Keblin, Communications Manager