

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, July 9, 2015

Faculty and Staff Help Execute Inaugural Men's Health and Cancer Conference

Reminder: Call for Applications for ACS IRG Funding

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

Cancer Biology Course Offered by Biochemistry

Spotlight on Technology Services: BIOBANK

Publications and Announcements

Funding Opportunities- NEW LISTINGS THIS WEEK

Ongoing Events

Event Spotlight

Tuesday, July 14

Men's Health and Cancer Conference:
Thank you to UVM Cancer Center Staff
and Faculty

8-9 AM

UVM Cancer Center
Grand Rounds
**ASCO Review
Part 2**

Moderator:
Steve Ades, MD

Sullivan Classroom
(Med Ed Ctr. 300)

Events Calendar

July 2015

UV Safety Month

14 UVM Cancer Center Grand Rounds: ASCO Review Part 2; featuring Steve Ades, MD as moderator; Sullivan Classroom (Med Ed 300), 8-9 AM.

[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

Attendance at the inaugural Men's Health and Cancer Conference exceeded expectations with nearly 80 participants. Many thanks to the UVM Cancer Center faculty and staff who made this important community event a success. From referring patients to helping out at the event itself, staff and faculty made a real difference in expanding the impact of this event.

Special recognition to **Garth Garrison, MD, Marc Greenblatt, MD, Patti O'Brien, MD, Eric Ganguly, MD, Mark Plante, MD, John Brumsted, MD, and Chef Curtiss Hemm**, (a true partner in our community), for speaking, sharing their expertise, and engaging our community.



Marc Greenblatt, MD leads a session on genetic risk and cancer for a filled room at the Men's Health and Cancer Conference

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

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

1 [Cocktails Curing Cancer](#) event to benefit the UVM Cancer Center and the American Cancer Society; Catamount Country Club.

2 [18th Annual Women's Health and Breast Cancer Conference.](#)

5-7 [Obesity & Metabolism: An Emerging Frontier in Lung Health and Disease,](#) hosted by Pulmonary and Critical Care Medicine at UVM; abstracts being accepted until July 31, 2015.

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

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.

Limited Competition for Gabrielle's Angel Foundation: Pre-applications Due July 13, 2015

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.

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](#).

UVM Cancer Center in the NEWS



Mark Plante, MD was interviewed live for WCAX News Channel 3's *The :30* regarding the importance of prevention and education for men's health when it comes to cancer. [Click here](#) to watch the interview.

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.

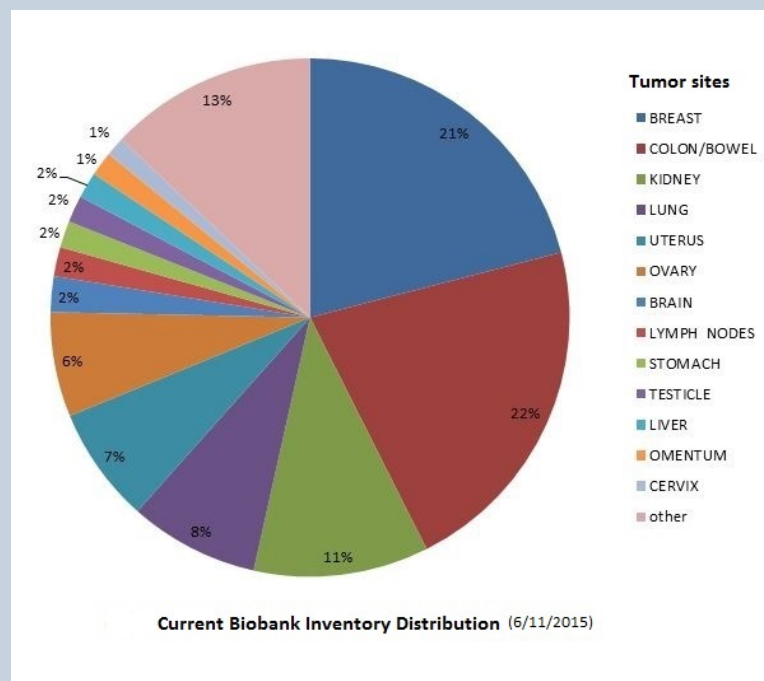
In 2014 Biobank operations were extensively revised. On average 30+ new specimens are now collected each month. These are graded and catalogued according to the time interval between surgical excision and flash freezing. The Biobank is also now collecting skin tumor excisions from Mohs surgery outpatients.

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

Publications:

[Discordant Interpretations of Breast Biopsy Specimens by Pathologists-Reply.](#)

Elmore JG, Pepe MS, **Weaver DL**. JAMA. 2015 Jul 7;314(1):83-84. doi: 10.1001/jama.2015.6239. No abstract available. PMID: 26151274.

[Personalized Medicine in Radiation Oncology-A Work in Progress.](#)

Anker CJ, Wo JY. Int J Radiat Oncol Biol Phys. 2015 Jul 15;92(4):843-5. doi: 10.1016/j.ijrobp.2015.04.020. No abstract available. PMID: 26104937.

[A Prospective Analysis of Plasma Adiponectin and Risk of Incident Cancer: The Dallas Heart Study.](#)

Beg MS, Saleem S, Turer A, Ayers C, de Lemos JA, Khera A, Scherer PE, **Lakoski SG**. J Natl Compr Canc Netw. 2015 Jul;13(7):873-8. PMID: 26150581.

[Increased utilization, verification, and clinical implications of immunocytochemistry: Experience in a northern New England hospital.](#)

Sauter JL, **Ambaye AB**, Mount SL. Diagn Cytopathol. 2015 Jul 3. doi: 10.1002/dc.23279. [Epub ahead of print] PMID: 26138744

[Impact of Weight Loss on Plasma Leptin and Adiponectin in Overweight-to-Obese Post Menopausal Breast Cancer Survivors.](#)

Thompson HJ, Sedlacek SM, Wolfe P, Paul D, **Lakoski SG**, Playdon MC, McGinley JN, Matthews SB. Nutrients. 2015 Jun 26;7(7):5156-76. doi: 10.3390/nu7075156. PMID: 26132992.

[A Literature Review on Prevalence of Gender Differences and Intersections with Other Vulnerabilities to Tobacco Use in the United States, 2004-2014.](#)

Higgins ST, Kurti AN, Redner R, White TJ, Gaalema DE, Roberts ME, Doogan NJ, Tidey JW, Miller ME, Stanton CA, Henningfield JE, Atwood GS. Prev Med. 2015 Jun 26. pii: S0091-7435(15)00206-6. doi: 10.1016/j.ypmed.2015.06.009. [Epub ahead of print] PMID: 26123717.

[Secondhand Smoke Exposure and Stroke: The Reasons for Geographic and Racial Differences in Stroke \(REGARDS\) Study.](#)

Malek AM, **Cushman M**, Lackland DT, Howard G, McClure LA. Am J Prev Med. 2015 Jun 16. pii: S0749-3797(15)00198-1. doi: 10.1016/j.amepre.2015.04.014. [Epub ahead of print] PMID: 26117341.

[Methionyl-Methionine Promotes \$\alpha\$ -s1 Casein Synthesis in Bovine Mammary Gland Explants by Enhancing Intracellular Substrate Availability and Activating JAK2-STAT5 and mTOR-Mediated Signaling Pathways.](#) Yang JX, Wang CH, Xu QB, **Zhao FQ**, Liu JX, Liu HY. J Nutr. 2015 Jun 24. pii: jn208330. [Epub ahead of print] PMID: 26108540.

[Changes in Medication Management After a Diagnosis of Cancer Among Medicare Beneficiaries With Diabetes.](#) Stuart BC, Davidoff AJ, **Erten MZ**. J Oncol Pract. 2015 Jun 23. pii: JOP.2014.003046. [Epub ahead of print] PMID: 26105669.

[Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF.](#) Huffman JE, de Vries PS, Morrison AC, Sabater-Lleal M, Kacprowski T, Auer PL, Brody JA, Chasman DI, Chen MH, Guo X, Lin LA, Marioni RE, Müller-Nurasyid M, Yanek LR, Pankratz N, Grove ML, de Maat MP, **Cushman M**, Wiggins KL, Qi L, Sennblad B, Harris SE, Polasek O, Riess H, Rivadeneira F, Rose LM, Goel A, Taylor KD, Teumer A, Uitterlinden AG, Vaidya D, Yao J, Tang W, Levy D, Waldenberger M, Becker DM, Folsom AR, Giulianini F, Greinacher A, Hofman A, Huang CC, Kooperberg C, Silveira A, Starr JM, Strauch K, Strawbridge RJ, Wright AF, McKnight B, Franco OH, Zakai N, Mathias RA, Psaty BM, Ridker PM, Tofler GH, Völker U, Watkins H, Fornage M, Hamsten A, Deary IJ, Boerwinkle E, Koenig W, Rotter JI, Hayward C, Dehghan A, Reiner AP, O'Donnell CJ, Smith NL. Blood. 2015 Jun 23. pii: blood-2015-02-624551. [Epub ahead of print] PMID: 26105150.

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](#).

- [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.**

- [Judah Folkman Fellowship for Angiogenesis Research](#); 2-year grant of \$100,000; deadline is July 22, 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**
- [DoD Horizon Award](#); supports junior level scientists to conduct impactful research with the mentorship of an experienced cancer researcher, pre- and post-doctoral fellows are eligible; \$75,000 for up to one year; **deadline is August 11, 2015.**
- [UVM Engaged Practices Innovation \(EPI\) Grant Program](#); to stimulate development of innovative projects that increase student engagement; **deadline for spring 2016 projects is October 1, 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 Koblin, Communications Manager