

THE University of Vermont CANCER CENTER

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, August 6, 2015

Juckett Lecture Draws Nobel Prize Winner Phillip Sharp, PhD

Funding Opportunities at Your Fingertips

Like the UVM Cancer Center on Facebook

UVM Students Raise \$3,800 for Cancer Research

Cancer Biology Course Offered by Biochemistry

Publications and Announcements

Funding Opportunities- NEW LISTINGS THIS WEEK

Ongoing Events

Event Spotlight

REGISTRATION IS OPEN!!

Juckett Lecture to Host Nobel Prize Winner Phillip Sharp, PhD

The J. Walter Juckett Distinguished Lecture Series is

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

Friday, October 2, 2015
Sheraton, Burlington

~Provider Track Offered~
~Please refer patients!~

Events Calendar

September 2015

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

10 Burlington Business Association (BBA) Summer Social to benefit UVM Cancer Center and Respite House in memory of long-time BBA member Barb Bardin; 5 PM to 7:30 PM; food, games, drinks; \$35 for non BBA members (\$25 for members). [Register here](#).

12 Sugarbush Polo Club match to benefit the UVM Cancer Center; more details to come [rain date, September 13).

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.

pleased to be hosting Phillip Sharp, PhD, Institute Professor at the Massachusetts Institute of Technology's Center for Cancer Research (now the Koch Institute), for a **September 14, 2015 lecture. The event will take place in Davis Auditorium at 4 PM.**



Phillip A. Sharp, PhD

Dr. Sharp's pivotal work in the late 1970's provided the first look at the concept of "discontinuous genes" in mammalian cells. The discovery changed our understanding of gene structure and earned Dr. Sharp the 1993 Nobel Prize in Physiology or Medicine. He is an elected member of the National Academy of Sciences, the Institute of Medicine, the American Academy of Arts and Sciences, the American Philosophical Society, and the Royal Society, UK. The Sharp Lab today is focused on the biology and technology of small RNAs and other types of non-coding RNAs

Sharp's September 14 Juckett Lecture, "*The roles of non-coding RNA in cancer*," is open to the UVM community and other academic partners in the region.

For more information about the event please contact [Charles Brooks](#).

External Funding List at your Fingertips

The UVM Cancer Center has continued to compile a list of [external funding opportunities](#) available and hosts this live list on its [website](#) for member reference. The list includes deadlines and funding amounts as well as links to grant information. Please be sure to reference this list, as well as other funding opportunities, and if you have questions or need guidance about a funding opportunity, please contact [Kate Webster](#), Administrative Director.

Like Us on Facebook!

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](#). REGISTRATION OPEN!

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.

20 **Special UVM Grand Rounds: Richard Schilsky, MD**, Chief Medical Officer of ASCO; he will speak on ASCO's CancerLinQ™; 8-9 AM.

November 2015

Lung and Pancreatic Cancer Awareness Month

January 2016

National Cervical Health Awareness Month

15-16 ASCO HOSTS:
[Inaugural Cancer Survivorship Symposium:](#)

The UVM Cancer Center has a [Facebook](#) page! We encourage our membership to like our page and to offer ideas for content as well as contribute to robust conversations on topics posted. We aim to improve awareness for the impact of the important work done here each day, and we hope to advance education around issues related to research, prevention, screening, survivorship and more.

Please send content ideas to [Charles Brooks](#)!

UVM Students' Color Run Raises \$3,800 for UVM Cancer Center

The final tally is in--UVM students who hosted a fundraising event last spring for numerous UVM campus organizations raised \$3,813 dollars for the UVM Cancer Center to benefit research and education. The amount represents donations from 389 students--a real testament to the power of student initiative on this campus. The UVM Student Color Run was held in April and students plan to host the event annually.



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.

[Advancing Care and Research, A Primary Care and Oncology Collaboration](#); San Fransisco, CA; abstracts due by September 1, 2015.

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](#).

Publications and Announcements

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

Publications:

[The potential of aerobic exercise training in mitigating cardiovascular side effects of cancer therapy](#). Berkman AM, **Lakoski SG**. Future Cardiol. 2015 Aug 4:1-5. [Epub ahead of print] No abstract available. PMID:26237999.

[A phase 1 trial of TPI 287 as a single agent and in combination with temozolomide in patients with refractory or recurrent neuroblastoma or medulloblastoma](#). Mitchell D, Bergendahl G, Ferguson W, Roberts W, Higgins T, **Ashikaga T**, DeSarno M, Kaplan J, Kraveka J, Eslin D, Werff AV, Hanna GK, Sholler GL. Pediatr Blood Cancer. 2015 Jul 31. doi: 10.1002/pbc.25687. [Epub ahead of print] PMID:26235333.

[Novel Insights into the Development and Function of Cilia Using the Advantages of the Paramecium Cell and Its Many Cilia](#). Yano J, Valentine MS, **Van Houten JL**. Cells. 2015 Jul 29;4(3):297-314. doi: 10.3390/cells4030297. Review. PMID:26230712.

[Clinical features of venous insufficiency and the risk of venous thrombosis in older people](#). Engbers MJ, Karasu A, Blom JW, **Cushman M**, Rosendaal FR, van Hylckama Vlieg A. Br J Haematol. 2015 Jul 27. doi: 10.1111/bjh.13579. [Epub ahead of print] PMID: 26221838.

[Prevention of treatment-related fluid overload reduces estimated effective cost of prothrombin complex concentrate in patients requiring rapid vitamin K antagonist reversal](#). **Jones CA**, Ducis K, Petrozzino J, Clark E, Fung MK, Peters C, Sarkar IN, Krol E, Pochal B, Boutrus A, Weimersheimer P, Freeman K. Expert Rev Pharmacoecon Outcomes Res. 2015 Jul 25:1-5. [Epub ahead of print] PMID:26211539.

[Autologous Antibodies that Bind Neuroblastoma Cells.](#)

Sun Y, Sholler GS, **Shukla GS**, **Pero SC**, Carman CL, Zhao P, **Krag DN**. J Immunol Methods. 2015 Jul 22. pii: S0022-1759(15)30025-9. doi: 10.1016/j.jim.2015.07.009. [Epub ahead of print] PMID:26210205.

[Epidermal growth factor receptor pathway mutation and expression profiles in cervical squamous cell carcinoma: therapeutic implications.](#)

Bumrungthai S, Munjal K, Nandekar S, Cooper K, Ekalaksananan T, Pientong C, **Evans MF**. J Transl Med. 2015 Jul 25;13:244. doi: 10.1186/s12967-015-0611-0. PMID:26209091.

[Examination of a recommended algorithm for eliminating nonsystematic delay discounting response sets.](#)

White TJ, Redner R, Skelly JM, **Higgins ST**. Drug Alcohol Depend. 2015 Jul 17. pii: S0376-8716(15)00382-8. doi: 10.1016/j.drugalcdep.2015.07.011. [Epub ahead of print] PMID: 26208791.

[Opioids and breast cancer recurrence: A Danish population-based cohort study.](#)

Cronin-Fenton DP, Heide-Jørgensen U, **Ahern TP**, Lash TL, Christiansen PM, Ejlersen B, Sjøgren P, Kehlet H, Sørensen HT. Cancer. 2015 Jul 24. doi: 10.1002/cncr.29532. [Epub ahead of print] PMID: 26207518.

[Gene-centric approach identifies new and known loci for FVIII activity and VWF antigen levels in European Americans and African Americans.](#)

Tang W, **Cushman M**, Green D, Rich SS, Lange LA, Yang Q, Tracy RP, Tofler GH, Basu S, Wilson JG, Keating BJ, Weng LC, Taylor HA, Jacobs DR Jr, Delaney JA, Palmer CD, Young T, Pankow JS, O'Donnell CJ, Smith NL, Reiner AP, Folsom AR. Am J Hematol. 2015 Jun;90(6):534-40. doi: 10.1002/ajh.24005. Epub 2015 Apr 1. PMID: 25779970

[Environmental disruption of circadian rhythm predisposes mice to osteoarthritis-like changes in knee joint.](#)

Kc R, Li X, Voigt RM, Ellman MB, Summa KC, Vitaterna MH, Keshavarizian A, Turek FW, Meng QJ, **Stein GS**, van Wijnen AJ, Chen D, Forsyth CB, Im HJ. J Cell Physiol. 2015 Sep;230(9):2174-83. doi: 10.1002/jcp.24946. PMID:25655021.

[Inhibition of mesothelioma cancer stem-like cells with adenovirus-mediated NK4 gene therapy.](#)

Deng XB, Xiao L, Wu Y, Jin F, **Mossman B**, Testa JR, Xiao GH. Int J Cancer. 2015 Jul 15;137(2):481-90. doi: 10.1002/ijc.29391. Epub 2014 Dec 27. PMID:25501304

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](#).

Some upcoming funding opportunity highlights:

- [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.**
- [Lymphoma Research Foundation Clinical Investigator Career Development Award, Research Mentoring Award and Career Development Award](#); **deadline is September 2, 2015.**
- [Gilead Sciences Research Scholars Program in Hematology/Oncology](#); financial support to 3 junior faculty researchers in the United States and Canada for a 2-year period. Each award is funded up to \$130,000, to be paid in annual installments of up to \$65,000 per year for 2 years; **deadline is Friday, September 4, 2015, midnight EST.**
- [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