

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

Please send submissions for the eALERT to [Sarah Keblin](#) by 4 PM Wednesday for submission in the current week's issue.

Thursday, December 4, 2014

Nominations Due Friday, December 5 for Damon Runyon Clinical Investigator Award

Lounsbury and Browne Recieve Honors at Annual Research Symposium

NIH Requires New Biosketch Format

Cocktails Curing Cancer Raises \$16,000 for Breast Cancer Research and Education

Leunigs' Bistro Raises \$24,000 for UVM Cancer Center's High Risk Breast Program

Brovember Results!

UVM Cancer Center in the NEWS

Publications and Announcements

Funding Opportunities- NEW LISTING THIS WEEK

Ongoing Events

Weekly Event

Nominations Due for Damon Runyon Clinical Investigator Award

The University of Vermont has been invited to send five

Spotlight

Friday, December 12

Cancer Biology and Technology Seminar Series

"Comparison of Five
Genomic Sequencing
Platforms (Next Generation
Sequencers) Used for RNA-
Sequencing"

featuring

Scott Tighe,
Core Lab Manager,
UVM Cancer Center
Massively Parallel
Sequencing/Deep
Sequencing Facility

Save the Date

December 2014

5 Biochemistry Seminar Series; "I forgot my blood type- the links between ABO group, cardiovascular disease, and cognition," featuring Kristine Alexander, PhD, UVM Dept. of Medicine; Given C443, noon.

12 Cancer Biology and Technology Series (an integrated part of the Biochemistry Seminar Series),

candidate nominations to the Damon Runyon Foundation for its Clinical Investigator Award. The award, as stated by the Foundation "... supports the most promising early career physician-scientists willing to devote their efforts to the development and application of new diagnostic approaches and therapeutic strategies for cancer and cancer prevention through clinical investigation." The award provides \$450,000 over three years in addition to retiring up to \$100,000 of medical school debt.

The unique partnership between the Damon Runyon Foundation and the National Cancer Institute (NCI) gives MD and MD/PhD degree holders who are early in their careers opportunities to work closely with the NCI and access to the expertise and resources at the NIH Clinical Center to build collaborative, translational research.

Nomination letters are due to [Kate Webster](#), UVM Cancer Center Administrative Director, by **noon on Wednesday, December 5th**. Self-nominations are acceptable.

To read more about the award, including eligibility criteria, [click here](#).

Questions can be sent to [Kate Webster](#).

Lounsbury and Browne Recognized at Annual Research Symposium

Karen Lounsbury, PhD and Gillian Browne, PhD, both members of the UVM Cancer Center, were recognized on Friday, November 21 as winners of the scientific poster competition held during the UVM Cancer Center's Annual Clinical and Translational Research Symposium. Lounsbury's poster titled, "Threonyl-tRNA Synthetase Over-expression Correlates with Angiogenesis and Progression of Human Ovarian Cancer," won in the faculty/staff category. Browne won in the pre/post-doc category with her poster titled, "Unraveling the dichotomy of Runx1 in breast cancer." Both were recognized at the conclusion of the day-long symposium and will receive cash prizes for their efforts.

New Biosketch Requirements from NIH

The National Institutes of Health has announced that it will require a new biosketch format for **grant submissions dated on or after January 25th**. UVM Cancer Center members are encouraged to prepare now for the adjustments.

featuring Scott Tighe from the Advanced Genome Technology Core: "Comparison of Five Genomic Sequencing Platforms (Next Generation Sequencers) Used for RNA-Sequencing"; Given C443, noon.

9-13 [San Antonio Breast Cancer Symposium](#)

; registration deadline is Friday, October 31; San Antonio, TX.

January 2015

National Cervical Cancer Screening Month

24-25 [Neuroscience, Behavior, and Health Research Forum](#)

Dudley Davis Center at UVM.

February 2015

National Cancer Prevention Month

19-20 [Clinical Cancer Immunotherapy Symposium: Translating Cancer Therapy from Promise to Reality](#)

; part of the Molecular Med Tri-Con; San Francisco, CA.

June 2015

Men's Health Awareness Month

26 SAVE THE DATE: 1st Annual Men's Health and Cancer Conference presented by the UVM Cancer Center; Medical Education Center, UVM College of Medicine.

Changes include:

- Section C: Description of (5) Contributions to Science (supported by up to 4 publications each) **instead of publication list**
- Increased page limit of 5 pages
- Inclusion of link to full publication list from publicly available database such as NLM MyBibliography or SciENcv

To view NIH announcement and new requirements, [click here](#).

Local Event Raises \$16,000 for Breast Cancer Research and Education

[Cocktails Curing Cancer](#), a local nonprofit run by UVM Medical Center employee Renee Dall, held its annual fundraiser in October. The organization recently announced that they raised a total of \$16,000 for breast cancer research and education through this year's event. The UVM Cancer Center is extremely grateful to be a joint recipient of this funding with the American Cancer Society.



The Cocktails Curing Cancer Planning Committee at this year's event (Renee Dall pictured third from left)

Leunigs' Bistro Raises \$24,000 for the High Risk Breast Program

Leunigs' Bistro raised more than \$24,000 this year during its month-long campaign in support of the High Risk Breast Program at the University of Vermont Cancer Center. The effort included participation by numerous local restaurants and Farrell Distributing--all contributing a portion of sales during the month to the cause.



Manon O'Connor of the UVM Cancer Center and Mary Stanley, MD of the Vermont Cancer Network accept a check from Bob Conlon of Leunigs' and James LeDuc of Farrell Fine Wine, representing funds raised for both organizations.

First Inaugural Brovember Raises Awareness and \$4,500

The Brovember efforts led by physicians at the UVM Cancer Center ended with a clean shave on November 30th as well as \$4,500 raised. Funds will benefit men's health and cancer research and education efforts happening at the UVM Cancer Center, including the first-ever Men's Health and Cancer Conference scheduled for June 26, 2015.

Many thanks those who grew, donated or cheered on participants! Special recognition to Leunigs' Bistro for their support in getting awareness out to the community and for donating proceeds from sales on November 16th to the cause.

UVM Cancer Center in the NEWS

Marc Greenblatt, MD was interviewed by WCAX News Channel 3 reporter Bridget Caswell for a story on colon cancer incidence in younger adults. The story, which aired on November 21, can be viewed [here](#).

Publications and Announcements

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

Recent Publications by UVM Cancer Center Members:

[Proteome of the insulin-secreting Min6 cell porosome complex: Involvement of Hsp90 in its assembly and function.](#)

Rajagopal A, Kulkarni S, Lewis KT, Chen X, Maarouf A, Kelly CV, **Taatjes DJ**, Jena BP. J Proteomics. 2014 Nov 20;114C:83-92. doi: 10.1016/j.jprot.2014.11.010. [Epub ahead of print] PMID: 25464371.

[Peroxisome 3 levels regulate a mitochondrial redox setpoint in malignant mesothelioma cells.](#)

Cunniff B, Wozniak AN, Sweeney P, DeCosta K, **Heintz NH**. Redox Biol. 2014 Nov 18;3C:79-87. doi: 10.1016/j.redox.2014.11.003. [Epub ahead of print] PMID:25462069.

[Impaired Working Memory in Geriatric Depression: An fMRI Study.](#)

Dumas JA, Newhouse PA. Am J Geriatr Psychiatry. 2014 Oct 5. pii: S1064-7481(14)00281-4. doi: 10.1016/j.jagp.2014.09.011. [Epub ahead of print] PMID:25458072..

[Tracheal bioengineering: the next steps. Proceeds of an International Society of Cell Therapy Pulmonary Cellular Therapy Signature Series Workshop, Paris, France, April 22, 2014.](#)

Weiss DJ, Elliott M, Jang Q, Poole B, Birchall M; International Society of Cell Therapy Pulmonary Scientific Committee. Cytotherapy. 2014 Dec;16(12):1601-1613. doi: 10.1016/j.jcyt.2014.10.012. Epub 2014 Nov 18. Review.PMID: 25457172

[Microtubule recognition: a curvy attraction.](#)

Malaby HL, **Stumpff J**. Curr Biol. 2014 Oct 20;24(20):R998-R1000. doi: 10.1016/j.cub.2014.09.038. Epub 2014 Oct 21. PMID:25442855.

[Strand Invasion Based Amplification \(SIBA®\): A Novel Isothermal DNA Amplification Technology Demonstrating High Specificity and Sensitivity for a Single Molecule of Target Analyte.](#)

Hoser MJ, Mansukoski HK, **Morriscal SW**, Eboigbodin KE. PLoS One. 2014 Nov 24;9(11):e112656. doi: 10.1371/journal.pone.0112656. eCollection 2014. PMID:25419812.

[Crystallization and preliminary X-ray diffraction analysis of the BRPF1 bromodomain in complex with its H2AK5ac and](#)

[H4K12ac histone-peptide ligands](#). Lubula MY, Poplawski A, **Glass KC**. Acta Crystallogr F Struct Biol Commun. 2014 Oct 1; 70(Pt 10): 1389-93. doi: 10.1107/S2053230X14018433. Epub 2014 Sep 25. PMID: 25286946.

[Structural insights into recognition of acetylated histone ligands by the BRPF1 bromodomain](#). Lubula MY, **Eckenroth BE**, Carlson S, Poplawski A, Chruszcz M, **Glass KC**. FEBS Lett. 2014 Sep 30. pii: S0014-5793(14)00705-4. doi: 10.1016/j.febslet.2014.09.028. [Epub ahead of print] PMID: 25281266.

[Curcumin and Dimethoxycurcumin Induced Epigenetic Changes in Leukemia Cells](#). Hassan HE, Carlson S, Abdallah I, Buttolph T, **Glass KC**, Fandy TE. Pharm Res. 2014 Sep 4. [Epub ahead of print] PMID: 25186441.

Funding Opportunities

Green indicates NEW this week

- [NCI Innovative Research in Cancer Nanotechnology \(IRCN\) \(U01\)](#); **deadline for submission *multiple dates" see announcement.**
- [Damon Runyon Clinical Investigator Award--limited competition](#); the University of Vermont is able to submit five candidate nominations for this limited competition; the award will provide \$450,000 over three years and the Foundation will retire up to \$100,000 of any medical school debt owed by the awardee; nomination letters are due to [Kate Webster](#) at the University of Vermont Cancer Center by noon on **December 5, 2014**.
- [UVM Reach Grants](#); providing seed funding to promote innovative research, scholarship and creative arts at UVM; deadline for submission is **December 5, 2014**.
- [Landon Foundation-AACR Innovator Award for Research in Tumor Microenvironment](#) ; 2-year, \$135,000 junior faculty grant for AACR members; application deadline is **December 9, 2014, noon**.
- [NIH Director's Early Independence Awards \(DP5\)](#); limited competition award--UVM may put forth two applicants and is seeking nominations for investigators who wish to pursue independent research directly after completion of their terminal doctoral/research degree or clinical residency, thereby forgoing the traditional post-doctoral training period; **please send nominees' CV and a brief statement speaking to the strengths of the nominee to UVM's Hilda Alajajian by November 17, 2014 (letters of intent for invited nominees will be due on**

December 30, 2014, with full application due January 30, 2015.

- [UVM SPARK-VT Pilot Projects Call for Proposals](#); objective of projects is to help bring innovation to the marketplace, award amounts from \$20,000 to \$50,000; deadline for submission is **March 6, 2015**.

UVM Cancer Center Internal Funding/Grants Available
[Click Here](#)

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.

Environmental Pathology and Carcinogenesis Seminar Series

Mondays at Noon, HSRF 200

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](#).

VCC Leadership:

Gary S. Stein, PhD, Co-Director

Claire F. Verschraegen, MD, Co-Director

Kate Webster, Administrative Director

Sarah Koblin, Communications Manager