

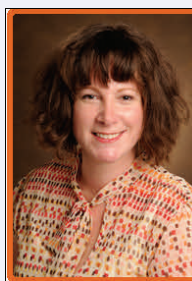
Message from Roger Chalkley

The Summer Science Academy (SSA) is now well underway, with 75 students that are getting a research experience through a variety of contributing programs. Close to half of the students this year are from underrepresented groups, consistent with the trend we have observed for the last five years. A new SSA group this year is made up of students from international universities who have been invited through the Vanderbilt International Student Program (VISP) and they have been welcomed into a derivative acronym, the VISRA (Vanderbilt International Summer Research Academy). These students, many of whom are first time visitors to the US, come from a variety of countries in Europe, Asia and the Caribbean. The VISRA program under the leadership of Kathy Gould, and the VISP steering committee has been taking the students to a variety of attractive venues during the weekends.

One of the BRET Offices most appreciated activities is the poster printing service run by Karen Pride. We have reorganized the costs of this operation. For an average sized poster there is essentially no change in cost, but bigger posters will cost a tad more and smaller ones a fraction less (p. 4). Otherwise, by buying in bulk and by having a well run operation, we have not had a price increase in five years. We basically run this operation at cost, with only a small profit that goes to capital investment as we replace worn out printers with faster and more efficient models. Certainly we all owe a debt of gratitude to Karen for a superb (and kindly) service.

BRET Psychological Services

The BRET Psychological Services are available for postdoctoral research fellows and graduate students within the School of Medicine. The program was initiated & developed by Dr. Darrell Smith until his retirement on May 31st. We are delighted to welcome Dr. Stephanie Gamse as the new leader of this service. Dr. Gamse is a licensed psychologist who has experience with multicultural diversity in university settings.



STEPHANIE GAMSE, PH.D.

Services include help with issues such as stress, depression, burn-out, addictions, anxiety, relationships, marriage and family, grief and loss, anger, behavioral problems, time/task management, academic/work place concerns, and sleep problems. These services are provided at no cost to the individual and are conveniently located in 306F Light Hall.

Appointments can be scheduled by contacting Dr. Gamse at (615) 343-0714 [office], (615) 491-0636 [cell] or by email stephanie.j.gamse@vanderbilt.edu.

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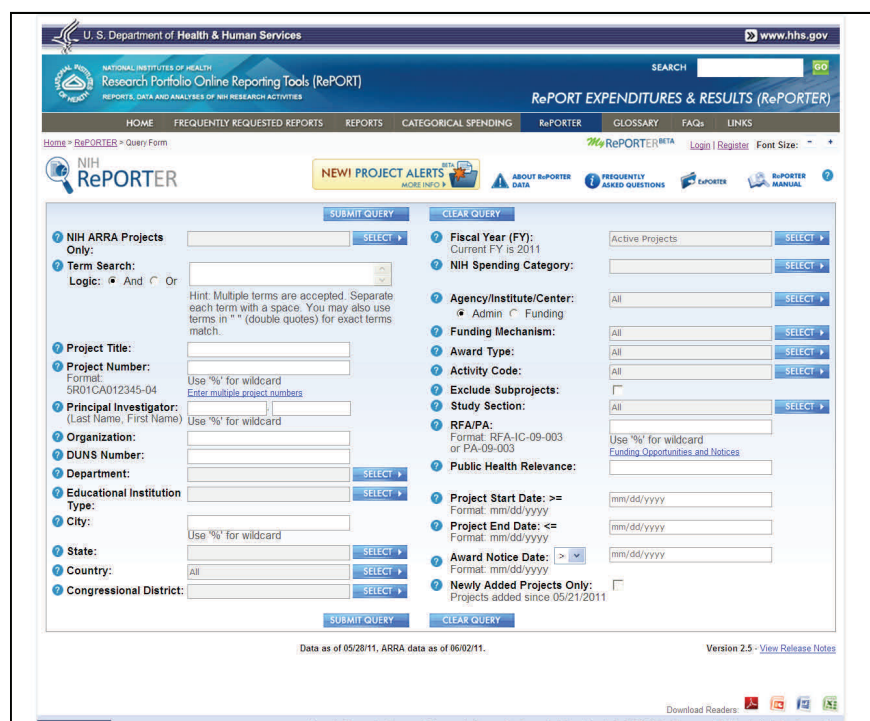
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NIH RePORTER (Research Portfolio Online Reporting Tools Expenditures & Results)

The NIH RePORTER website has replaced CRISP as the online NIH database that contains publicly available information about funded NIH awards. The new URL for NIH RePORTER is: <http://projectreporter.nih.gov/reporter.cfm>. Features for the NIH RePORTER site include the following:

- Users may search by a wide variety of parameters, such as research keyword(s), PI name, institution, study section, award type, public health relevance, and many more.
- Search results link a grant to (1) all publications arising from the grant funding, (2) a list of all related subprojects, (3) patents arising from the grant funding, and (4) related clinical studies.
- Individual Awardees can insert webpage links in his/her online personal profile. Profile links may include websites of an institution, lab, or any website that provides information about the PI or project. **This is useful because more and more new first-year PhD students come to Vanderbilt each year already knowing how to do a targeted search using RePORTER for a specific faculty member or type of research.**

Figure: Screen shot of NIH RePORTER website, showing a wide variety of search fields.



A new “Links” tab was added to the Project Information page in May, 2011. This tab displays external links that contain additional information about NIH-funded projects and investigators. These links include:

- NIHMaps.org: The NIH Topic Maps website helps users find the types of research funded by NIH in fiscal years 2007-2010. Clusters on the map represent funded grants that are thematically related.
- PI Profile links: Personal profile links that awardees have inserted into their personal profile

To speed up future queries, RePORTER users may now login to MyRePORTER and save previous search parameters (still under beta testing). In addition, MyRePORTER users can subscribe to receive weekly alerts of new projects added to RePORTER that match the saved MyRePORTER queries. Click on the yellow “New Project Alerts” button at the top of the RePORTER website for more information on this new feature.

Funding Opportunity: VICTR Pilot Project Funds

The Vanderbilt Institute for Clinical and Translational Research (VICTR) is the name of the institute that houses Vanderbilt's CTSA (Clinical and Translational Science Award). The mission of the institute is to transform the way ideas and research discoveries make their way from origin to patient care. Providing access to funds to generate pilot and preliminary data is a vital component of VICTR, which also supports projects partially funded through other mechanisms (i.e., federally funded research). VICTR pilot funding comes from institutional funds, the CTSA and other granting agencies. Availability of funds is directly tied to the continued availability of institutional and grant funding.

VICTR Funding Categories: The VICTR Scientific Review Committee review process is directly related to the cost of resources VICTR is being asked to provide. There are several categories of review, each tied to an anticipated review period:

- **Requests $\leq$ \$2,000 (Vouchers)**

Requests $\leq$ \$2,000 qualify for expedited review by a subcommittee. If no additional information is requested during the review, a funding decision will be emailed in 2-3 working days. This mechanism is open to all faculty, postdocs, and students (with letter of support from mentor) in the basic and clinical sciences.

- *Vouchers may be used to request a studio. Studios consist of 2–6 experienced faculty selected to participate in a guidance session based on specific areas of research and needs identified by the investigator. Studio types include hypothesis generation, study design, study implementation, data analysis and interpretation, translation, manuscript writing, grant review, and community review board.*

- **Resource Requests $>$ \$2,000 are limited to translational or clinical research projects.** Translational research includes two areas of translation: T1 and T2. T1 is the process of applying discoveries generated during research in the laboratory and in preclinical studies, to the development of trials and studies in human subjects. T2 is the discovery and application of science in clinical and community settings to improve the public's health.

- **VICTR Resource Requests $>$ \$2,000 but $\leq$ \$10,000**

Requests $>$ \$2,000 but $\leq$ \$10,000 qualify for expedited review (by an expedited SRC reviewer). If no additional information is needed, a funding decision will be emailed within 4 to 6 weeks. A 5-page proposal developed from the VICTR template and the PI's biosketch are required. Additional documents may be required based on resources requested.

- **VICTR Resource Requests $>$ \$10,000**

Requests $>$ \$10,000 require full VICTR SRC committee review. Requests $\geq$ \$100,000 also require full VICTR Executive committee review; all applications undergo a pre-review process within 2 weeks after submission during which you may be asked for clarification or additional information. Once a request passes pre-review, it is placed on the next available SRC agenda for review. The PI is usually requested to give a brief presentation to the SRC after which a funding decision will be emailed within 3 - 4 business days. A 5-page proposal developed from the VICTR template and the PI's biosketch are required. Additional documents may be required based on resources requested. The SRC will give a funding decision recommendation, however, a funding decision will not be made until reviewed by the VICTR Executive Committee which meets only monthly.

For more information, visit the StarBrite website: <https://starbrite.vanderbilt.edu/funding/src/index.html?action=information> . (You will need to login with your VUNet ID and password.) Additional questions may be answered at a VICTR Funding Clinic, held on the 2nd and 4th Mondays from 10-11am in the CRC conference room (A-3210 MCN).

**New
Poster Printing
Service Prices
Start July 1, 2011**

Two business day service:

Your poster will be ready by the morning of the second business day after you submit your order. Posters are printed in the order in which they are received. If your poster is ready early, we'll let you know and you can pick it up at your convenience. There is no additional charge for this service.

Rush service:

Rush orders are charged at a higher rate than two business day orders. All rush orders will be printed before the two business day posters are printed.

Width (in)	Length (in)	Two Business Day Service	Rush Service
16	20	\$29	\$35
18	24	\$32	\$38
24	36	\$42	\$52
36	44	\$58	\$70
36	36	\$51	\$61
36	42	\$56	\$67
36	48	\$61	\$74
36	56	\$68	\$83
36	60	\$72	\$88
36	72	\$82	\$101
36	84	\$92	\$115
36	96	\$103	\$128
42	36	\$56	\$67
42	42	\$61	\$72
42	48	\$67	\$80
42	56	\$75	\$90
42	60	\$79	\$95
42	72	\$91	\$110
42	84	\$102	\$125
42	96	\$114	\$140
48	36	\$61	\$74
48	42	\$67	\$80
56	36	\$68	\$83
56	42	\$75	\$90
60	36	\$72	\$88
60	42	\$79	\$95
72	36	\$82	\$101
72	42	\$91	\$110
80	36	\$89	\$110
80	42	\$98	\$120
84	36	\$92	\$115
84	42	\$102	\$125
96	36	\$103	\$128
96	42	\$114	\$140

New Biomedical Science Seminar Series Website & Calendar

The newly redesigned Biomedical Science Seminar Series website conveniently allows administrative users to submit seminars for the regularly scheduled seminar listing emails. The old Biomedical Science Seminar Series website has been upgraded, and seminars previously submitted to the former website will still be announced in the usual manner. The new website can be accessed from the BRET homepage or by clicking on the following URL: <https://medapps.mc.vanderbilt.edu/bmss/>

Figures: Upcoming seminars may be viewed in either a list view (top figure) or calendar view (bottom figure).

We have added several useful new features, and this new website will continue to evolve over time as upgrades are added. By hovering your mouse over a specific event, a window will pop up with more detailed information about the event (see example in calendar view figure).

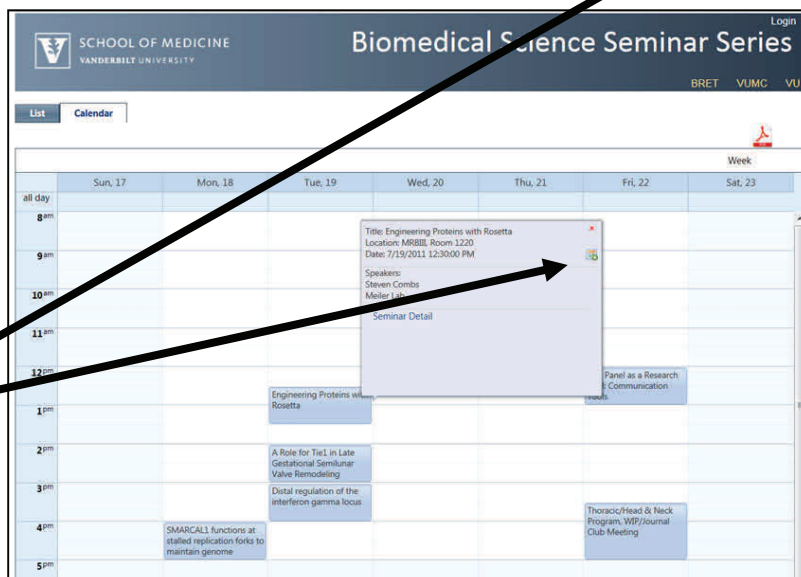
Another feature is the “export to calendar” button on each seminar listing. Clicking on this button will send the seminar notice directly to your Outlook-based calendar.

Export to calendar button

Users may download a pdf file of the seminar schedule which you can print, save, or email according to your needs. We hope that you will find the new system to be both useful and convenient.



Speakers	Seminar
Rachel Henry Department: Pathology, Microbiology, and Immunology Institution: Vanderbilt University Medical Center	From Birth to Unruly Teenager: How Anti-insulin B Cells Become Juvenile Diabetes Delinquents AS305 MCN 7/21/2011 9:30 AM
Scott Simms RN BS Institution: Vanderbilt Heart & Vascular Institute	Star Panel as a Research Tool: Communication Tools CRC Conference Room (A3210 Medical Center North) 7/22/2011 12:00 PM
Sergey Ivanov Topic: "Works In Progress" titled "Neurotrophic Signaling in Salivary Carcinomas"	Thoracic/Head & Neck Program, WIP/Journal Club Meeting PRB 898 J (B) 7/22/2011 3:30 PM
Zhirong Yin Topic: Tobacco Smoke Promotes Lung Tumorigenesis by Triggering BTK and JNK1-Dependent Inflammation	
Dr. Yu Shir Topic: Biostatistics Core Overview (11:35 am - 12:00 pm)	Lung SPORE Retreat PRB 898 J 7/25/2011 8:00 AM
Dr. David Carbone Topic: Targeting Notch3 in Lung Cancer (9:20am - 9:55am)	
Dr. David Carbone Topic: Biomarkers for improving cure rates for early stage lung cancer(8:45am - 9:20am)	



	Sun, 17	Mon, 18	Tue, 19	Wed, 20	Thu, 21	Fri, 22	Sat, 23
all day							
8 am							
9 am							
10 am							
11 am							
12 pm							
1 pm							
2 pm							
3 pm							
4 pm							
5 pm							

New Guide to Applying for Individual National Research Service Award Fellowships

The “Guide to Applying for Individual National Research Service Award Fellowships” is a “one-stop” resource for PhD students and postdoctoral fellows submitting individual NRSA fellowship applications. This comprehensive, 30-page document includes three sections: (1) Getting Started, (2) Writing Your Proposal, and (3) Proposal Review. Each section has hyperlinks to web documents for the most current information, including application forms and deadlines. The guide is for Vanderbilt use only and is not to be distributed elsewhere. Please contact Dr. Kim Petrie if you have any questions about the Guide. The Guide may be downloaded at the following website (VUNet ID & Password protected): http://bret.mc.vanderbilt.edu/career_development/html/nrsa.htm

National Research Council Report:

Research Training in the Biomedical, Behavioral, and Clinical Sciences

Early this year, the National Research Council published a 10-year review of the overall Ph.D. and postdoctoral training programs in the United States. An excerpt from this review, which was chaired by Dr. Roger Chalkley, appears below:

Excerpt: “*Research Training in the Biomedical, Behavioral, and Clinical Research Sciences* discusses a number of important issues, including: the job prospects for postdocs completing their training; questions about the continued supply of international postdocs in an increasingly competitive world; the need for equal, excellent training for all graduate students who receive NIH funding; and the need to increase the diversity of trainees. The book recommends improvements in minority recruiting, more rigorous and extensive training in the responsible conduct of research and ethics, increased emphasis on career development, more attention to outcomes, and the requirement for incorporating more quantitative thinking in the biomedical curriculum.”

Reference: National Research Council. 2011. *Research Training in the Biomedical, Behavioral, and Clinical Research Sciences*. Washington, DC: The National Academies Press. To download a free pdf, visit the following URL: http://books.nap.edu/catalog.php?record_id=12983.

VISRA: Vanderbilt International Summer Research Academy



The newest participating program in the Summer Science Academy, the Vanderbilt International Summer Research Academy, allows undergraduate level international students to get a taste of biomedical research. VISRA participants conduct a research project during the summer under the supervision of a Vanderbilt faculty member.

VISRA students attend weekly seminars to learn more about "cutting edge" biomedical research, biomedical research ethics, science outreach, and creating scientific presentations. Current VISRA students are from Barbados, Cambodia, China, Germany, Slovakia, Hungary, Serbia, and India.

Upcoming Events for Summer & Fall, 2011

- **Save the date: Oct. 18, 2011 (9am-5:30pm):** BRET & CTSD Grant Writing Workshop
- **Aug. 4th, 2011 (10am-12pm, 2-4pm):** 8th Annual Summer Science Academy poster sessions, 3rd floor corridor, RRB
- **Aug. 15, 2011:** IGP & CPB-A Orientation
- **Aug. 19, 2011:** IGP Bioregulation course begins
- **Aug. 23, 2011:** CPB first semester core class begins
- **Sept. 2nd, 2011: (4pm)** White Lab Coat Ceremony, “So Simple A Beginning”
- **Sept. 30th-Oct. 1st:** MSTP Career Development Workshop

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