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**REMINDER: NH-INBRE Annual Progress Report**

This year we request that all of our Research Faculty and Steering Committee members complete the electronic version of the previously used forms. This will allow us to gather all required information electronically to be attached to the Dartmouth RPPR. The web forms can be found in the Clocktower reporting website, http://reporting.nhinbre.org/.

Login information will be your institutional email and the password that was sent with the notice of your registration to the Clocktower site. If you do not have this password you can reset using the "forgot password" link on the login screen.

After you login at the Clocktower reporting site you will see a tab for your individual profile, current forms, and submitted forms in the green ribbon at the top of the page.

The annual progress reporting period is July 1, 2014 through June 30, 2015. The due date to have these progress reports submitted online is March 16, 2015, close of business.

**IDeA Foundation Report**

Each year the IDeA Foundation puts together a report highlighting the IDeA and EPSCoR program achievements. The NH ESPCoR and NH-INBRE program worked together to submit our state program achievements. The last two pages of this NH-INBRE Insider is our programmatic achievements from our first five years of funding and a feature on River Valley Community College’s outreach activities!
**Upcoming Important Dates and Events:**

- **February 27, 2015:** ISURF applications and recommendations due
- **March 16, 2015:** Due date for partner progress report online submission through Clocktower
- **March 16-20, 2015:** Notifications of acceptance to ISURF Applicants.
- **June 8, 2015:** Start date for INBRE Summer Undergraduate Research Fellowship (ISURF and ISURF-N)
- **June 12-14, 2015:** ISURF and ISURF-N go to Woods Hole for the weekend!
- **August 6-7, 2015:** 2015 NH-INBRE Annual Meeting at Wentworth by the Sea in Newcastle, NH
- **September 24-26, 2015:** 2015 Northeast Regional IDeA Conference at the Bar Harbor Club, Bar Harbor, Maine

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**NH-INBRE UPDATES AND NEWS**

Congratulations to Saint Anselm College and 2014 ISURF student Ben Berube for his acceptance in the Cold Spring Harbor PhD Program!

“In many ways, I have the INBRE program to thank for the opportunities it has provided. The program has certainly been one of the defining aspects of my time as a undergraduate”. –Ben Berube

**Eppendorf Demo Equipment Auction**

Congratulations to the faculty at our partner schools who won equipment through the Eppendorf Demo Equipment Auction. We ran the numbers and can report saving over $29K in equipment costs!

**NIGMS: The Center for Research Capacity Building**

A Request for Information (RFI) has been published soliciting comments on the formation of a new Center for Research Capacity Building to house the IDeA, SCORE and NARCH Programs.

“The Center for Biomedical Research Capacity Building would be the focal point for all NIGMS programs that develop the capabilities of diverse researchers and institutions to conduct cutting-edge basic, translational and clinical science. In addition to promoting research training and workforce development, the center would also support a diverse portfolio of scientific research projects and programs, as well as access to technology resources. The new organizational structure would allow for more efficient planning, coordination and execution among NIGMS capacity-building programs and with other parts of the Institute”.

The primary purpose of New Hampshire’s INBRE program is to improve the biomedical research infrastructure across the state by increasing opportunities for students and faculty at partner institutions. These opportunities include participating in original scientific research, building and expanding scientific research cultures at partner institutions, enhancing the science and technology training of the N.H. workforce, and supporting and developing bioinformatics and genomics capabilities in N.H. The NH-INBRE program supports research projects in the areas of microbial pathogenesis, cellular and molecular biology, and human health.

NH-INBRE achievements for our first 5 years:

- **15.3** million awarded to N.H. from 2010-2015
- **546** students and faculty participating in NH-INBRE supported research activities
- **33** students entered research careers, graduate/professional school, or nursing fields in N.H.; **119** students are participating in these activities outside of N.H.
- **1** COBRE-supported grant, **2** R15s, **1** NSF EAGER, **3** non-federal grants
- **372** publications
- **2** N.H. undergraduate students have presented their NH-INBRE funded research at the National Posters on the Hill in Washington, D.C.
- Developed a summer nursing research program
- Established a lab safety training website that is available to all at no cost
- Developing web-based bioinformatics training modules
- Postdoctoral teaching program where Dartmouth postdoctoral fellows teach courses and/or labs at the NH-INBRE partner institutions
Family Science Nights = Hands-on Fun!

River Valley Community College inspires possibilities in the classroom, on campus and in the community!

Every school, whether private or public, can benefit from community involvement. River Valley Community College (RVCC), with the support of NH-INBRE funding, has created a bustling community of investigators by integrating community engagement, Science Cafés and hypothesis driven student-directed research.

Community Engagement
RVCC successfully held two Family Science nights in conjunction with Sullivan County Extension office, with 60-plus attendees each night. Hands-on fun for the whole family!

Annual Discovery and Career Days hosted 52 STEM-focused high school seniors from eight local schools. They attended three different program sessions to learn more about their areas of interest and furthering their education at the college level.

Science Cafés
Science Cafés took place at RVCC, featuring 12 visiting scientists, engaging students in conversation relevant to current research techniques and topics encompassing the fields of genetics, brain studies, the human microbiome and forensics. More than 187 attendees participated.

Student-Directed Research
Student-directed research is about empowering students to learn to focus on independent, problem oriented or technique based research. Students ask their own questions and put forward critical thought to achieve the evidence-based answer. This approach, while providing students with hands-on research opportunities, also helps train them for the workforce in science and technology. By partnering with NH-INBRE in their 4th year of student-directed research, RVCC increased their student involvement from 5 students in year one to 27 students in year four.

Dartmouth professor and NH-INBRE director of research support and training, Robert Maue, talking about the human brain at one of the Science Cafés.