



# HCGS

Hubbard Center for Genome Studies

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Issue 10



## NEWSLETTER

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### Happenings at HCGS: Fall 2015

The INBRE Steering Committee meeting was held here at UNH on October 7th. After the business meeting the Steering Committee members from nine of the partner schools toured the HCGS and the Research Computing Center.



### Northeast Regional Life Sciences Core Directors

Staff from the HCGS and the University Instrumentation Center attended the tenth annual Northeast Regional Life Sciences Core Directors (NERLSCD) 2015 Meeting, hosted by the University of Vermont (UVM). The NERLSCD meeting (often called the NERDS meeting) is an outstanding regional forum for core facility administrators, directors, managers and staff to network with colleagues, to learn about biotechnology advances and their applications, and to discuss the challenges of implementing shared research resources. NERLSCD ([www.nerlscd.org](http://www.nerlscd.org)) is the regional chapter of the Association of Biomolecular Resource Facilities (ABRF—[www.abrf.org](http://www.abrf.org)).

### Staff Profile: Jeff Hall, Ph.D.



I graduated from North Carolina State with BS in Biochemistry and received my Ph.D. in Biochemistry from University of Vermont College of Medicine. My scientific interests have been DNA sequencing, robotics, and more recently bioinformatics. In the past, I have worked on application and process development for high-throughput sequencing and analysis at Applied Biosystems and Matrix technologies. I designed and implemented the Functional Genomics facility for Alpha Gene Inc. At HCGS, I will be applying these experiences both to the sequencing process and data analysis. When not in the lab, I can be found outdoors, skiing, hiking, kayaking, camping.

“The genome that we decipher in this generation is but a snapshot of an ever-changing document. There is no definitive edition.” Matt Ridley

## **NIH Grant Boosts NH's Biomedical Research Capacity**

A five-year \$18.1 million grant from the National Institutes of Health to a statewide partnership led by UNH and Dartmouth's Geisel School of Medicine will expand biomedical research capacity and training in New Hampshire. The grant is the second round of funding for the New Hampshire IDeA Network of Biomedical Research Excellence (NH-INBRE) — a collaboration of two- and four-year colleges in New Hampshire — to support its network of shared resources that serve undergraduate student and faculty biomedical research at colleges and universities across the state. If you would like to read more, please visit this site: <http://unh.edu/unhtoday/2015/09/nih-grant-boosts-nhs-biomedical-research-capacity>

## **Sidore Memorial Lecture Series 2015**

### **Personal Genomic Medicine: Social, ethical, and scientific implications**

**Series synopsis:** *With the success of the Human Genome Project and advances that permit individuals to have their genetic code determined, the era of personal genomics is already upon us. Leading scholars representing multiple areas of human genome and microbiome research will outline and navigate the current state of knowledge. The series will explain how the genomic revolution will affect our lives, and will stimulate debate of the scientific, medical, ethical, legal, and societal implications of sequencing human genomes.*

The first speaker in the series was Dr. Jane A. Foster - associate professor in the Department of Psychiatry and Behavioural Neurosciences at McMaster University in Hamilton, Ontario. On October 13, she presented her research lecture, *A New Neuroscience Frontier - Modulation of Brain Development and Function by Microbiota*. On October 14, she presented the public lecture *Gut Feelings Microbiome Influences Behavior* at the MUB, with a reception that followed in the Huddleston Ballroom. Both the research and public lecture turnout was an overwhelming a success! The next lecture in this series will be held on December 7th, featuring Dr. Michael Snyder from Stanford University. We are looking forward to his visit.



The HCGS will be collecting non-perishable food items and monetary donations for the Cornucopia food pantry starting 11-01-2015 and continuing throughout the semester. There will be a box setup outside Room 409 Gregg Hall. For more information about Cornucopia please visit <http://www.cornucopia.unh.edu/>.