



Press Release

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NCGR hosts Symposium on Functional Genomics

Santa Fe, NM, March 7, 2012 – The National Center for Genome Resources (NCGR) announced today that it will host the eighth annual New Mexico Bioinformatics, Science and Technology (NMBIST) symposium on March 23-24, 2012. The two day symposium features a diverse line up of speakers who will highlight cutting-edge genomic research addressing “Functional Genomics.” Multi-factorial diseases like type-2 diabetes will be featured using integrative research strategies that study variation at the DNA, RNA, epigenome and protein levels to elucidate functionally important changes and their molecular mechanisms. Other topics include post-translational mechanisms of regulation, gene expression patterns of cancer initiation, and gene network study with computational and high throughput laboratory methods. Speakers include:

- Matthew Fields Ph.D., Montana State University, Bozeman, MT
- Sridhar Hannenhalli AP., University of Maryland, College Park, MD
- Monica J. Justice Ph.D., Baylor College of Medicine, Houston, TX
- Carmen Sapienza Ph.D., Temple University School of Medicine, Philadelphia, PA
- Dong Xu Ph.D., University of Missouri, Columbia, MO
- Brian Bothner Ph.D., Montana State University, Bozeman, MT
- Qingshun Quinn Li Ph.D., Miami University, Oxford, OH
- Michele Nishiguchi Ph.D., New Mexico State University, Las Cruces, NM
- Brenda Andrews Ph.D., University of Toronto, Canada

The New Mexico Bioinformatics and Science symposium attracts over a hundred research scientists, university and college faculty and students, as well as high school students from the Southwest and beyond. The purpose of the symposium is to inform, educate and promote the latest developments at the intersection of bioscience, technology, software development and mathematics. In particular, the symposium offers students from southwestern states and research centers in minority-serving institutions a regional opportunity to present their research in a poster session and to compete for a student speaking slot in the plenary session.

The symposium will be held at the Inn and Spa of Loretto in downtown Santa Fe, New Mexico. It is organized by NCGR and is sponsored by the National Institute of General Medical Sciences, a division of the National Institutes of Health through the New Mexico IDeA Networks of Biomedical Research Excellence program (NM-INBRE). Other sponsors include Illumina, JMP Genomics, Pacific Biosciences, Life Technologies, OpGen, and Agilent Technologies. To find out more information and to register, visit <http://www.nminbre.org/index.php/register-for-nmbis>.

About NCGR: NCGR is a nonprofit research institute whose mission is to improve human health and nutrition through genome sequencing and analysis. To learn more about NCGR, please visit www.ncgr.org.

About the New Mexico IDeA Networks of Biomedical Research Excellence: The objective of NM-INBRE is to increase collaborative, multidisciplinary biomedical research at New Mexico's institutions of higher education and expand the pool of biological and biomedical researchers in New Mexico. For more information, please visit www.nminbre.org.