***The Bioinformatics Colloquium Series presents:***

# Jeffrey Parvin

Director, Biomedical Informatics
Shared Resource of The Ohio State
University Comprehensive Cancer Center

## "Identification of a Breast Cancer Associated Regulatory Network"

### Tuesday, March 3 @ 2:10-3 p.m.
### Stocker Center 103

The cure for cancer has been elusive for doctors and researchers alike. When breast cancer runs in families, often the women who contract breast cancer have inherited a mutant form of breast cancer 1 or 2 (BRCA). However, these genes do not explain all cases of familial breast cancer. Dr. Parvin and his team use publicly available data to find candidate breast cancer gene information that may be of value to breast cancer patients. A combination of data analysis tools and laboratory biology are used to help evaluate these genes, which will be tested with breast tumor samples obtained from surgical removal of these tumors.

***Career Experience & Awards:***

- Post-doctoral in cancer biology, Massachusetts Institute of Technology
- M.D., Ph.D (microbiology), Mount Sinai School of Medicine
- Louis Levy Professor for Cancer, Department of Biomedical Informatics, The Ohio State University
- Interim chair, Department of Biomedical Informatics, The Ohio State University

*Sponsored by the Russ College of Engineering and Technology's School of Electrical Engineering and Computer Science; Biomedical Engineering program; Center for Intelligent, Distributed and Dependable Systems; and Bioinformatics Laboratory; the College of Arts and Sciences' Molecular and Cellular Biology program and Department of Biological Sciences ; the College of Osteopathic Medicine's Department of Biomedical Sciences; the Ohio University Genomics Facility; the Edison Biotechnical Institute; and Diagnostic Hybrids, Inc.*

**Questions? Lonnie Welch, welch@ohio.edu**