



MISSISSIPPI STATE UNIVERSITY™

INSTITUTE FOR GENOMICS, BIOCOMPUTING & BIOTECHNOLOGY

DESCRIPTION OF INSTITUTE

The Institute for Genomics, Biocomputing & Biotechnology (IGBB) serves Mississippi State University (MSU) by providing MSU researchers and their local, national, and international collaborators access to a team of highly-skilled professionals trained in...

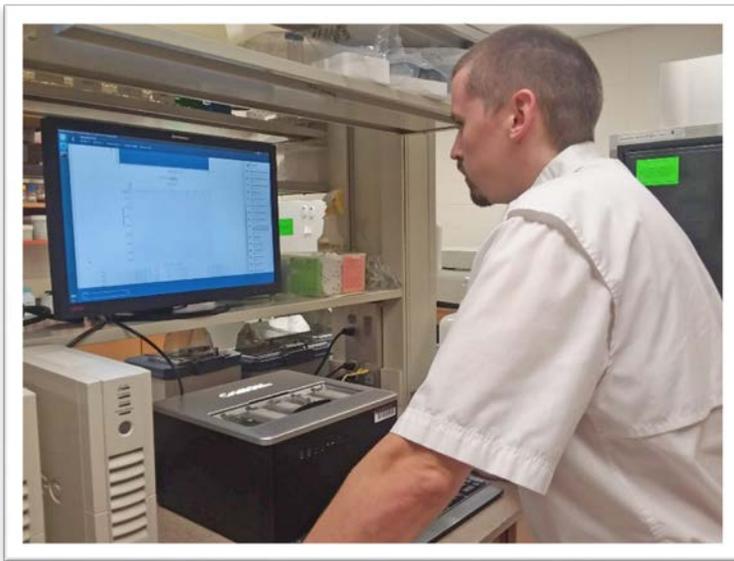
- Biological Sample Preparation
- Isolation & Quantification of Biomolecules
- Genomics & Transcriptomics
- All DNA/RNA Sequencing Methods
- Proteomics & Metabolomics
- Computational Biology & Bioinformatics
- Analysis of Complex Molecular Datasets



knowledge from large, diverse, datasets, and by collaborating with the IGBB, this power can be directly or indirectly at your fingertips as well.

HOW WE CAN HELP YOU

Consultation with Research Experts - The IGBB's lead genomics, proteomics, and computational biology research associates are happy to meet with you to discuss your research and ways you can reach your scientific goals. Whether you are a pro or a complete novice in high-throughput molecular research, the IGBB research associates will help you chart a course towards



Moreover, the IGBB is home to state-of-the-art molecular analysis instrumentation that the IGBB staff can help you utilize in meeting your scientific goals. As a member institute of MS State's High Performance Computing Collaboratory (HPC²), the IGBB leverages HPC² super-computing power to efficiently derive biological



www.igbb.msstate.edu



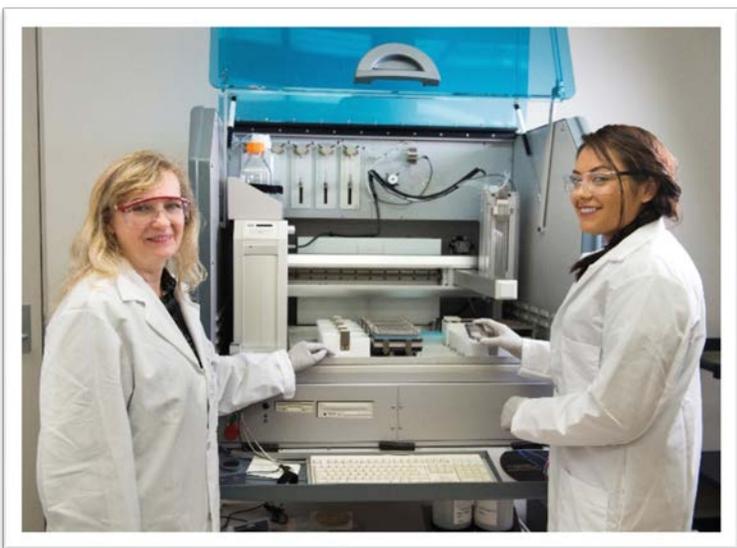
Experts for Hire - Most research includes customization of techniques and considerable problem solving. Trying to figure out how to do new genomics, proteomics, and/or computational biology experiments can be overwhelming, and training a student or postdoc to conduct this work for you may be very expensive and frustrating. Considerable time and resources can be saved by hiring a highly-skilled IGBB expert to help you achieve your genomics, proteomics, and/or computational biology research goals.

success. Of course, the IGBB director is available to provide advice and answer questions as well.

Proposal Partnerships - Partnering with the IGBB has allowed numerous faculty members to overcome the scientific, technical, personnel, and organizational issues that may have prevented them from successfully obtaining extramural grant funding in the past. We can help you plan, write, and submit your grant proposals in a way that fully leverages the strengths of the IGBB and the HPC² while building on your research expertise.



Service Center - Have the IGBB do standard low-risk proteomics, genomics, and computational tasks for you on a fee-per-service, cost-recovery basis. Use our convenient *Services Catalog* to learn about the standard services we perform and obtain pricing information.



IGBB Director

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The IGBB is an HPC² member center.