



Bioscience/Biomedical Research at Idaho State University

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Progress in research at ISU

- Growth: Annual total research awards have risen steadily over the last 20 years, from about \$1M in 1985 to \$28M in 2004.
- Total submissions exceeded \$95M in 2004.
- Research at ISU is complimentary to that of the other Universities



BRIN/INBRE Program as a model for cooperation

- Promoted a collaborative spirit among the Universities for developing Biomedical Research
- Through this program the development of BioIdaho has facilitated bringing us together today



Working with regional, national,
and international research partners
in the academic and private
sectors



ISU Biomedical Research Institute

- Restructuring biomedical research on campus
- Faculty driven effort
- Improve efficiency of how biomedical research is done
- Improve success rate of research funding
- Focus on collaborative and integrated research



Research Centers

- Molecular Research Core Facility – state-of-the-art DNA sequencing center
- Idaho Accelerator Center – a unique facility in the nation.



Biomedical Engineering

- Working in the areas of both medical informatics and medical device development
- Working with partners such as the E-Med Center of Excellence at the University of Western Australia, University of Seville, Spain, Princeton Autism Technology, NJ, and AMIS, Pocatello, ID



Drug Discovery

- IBRI is focused on understanding disease processes and drug discovery
- ISU provides expertise in the areas of molecular to systems pharmacology, drug characterization, preclinical studies, and drug delivery



What are the issues limiting continued development

- Faculty recruitment and retention
- Faculty salary compression
- Facility development
- Need to foster culture of and resources for technology transfer



Pathway to Success

- Hire and retain the best and the brightest people available
- Provide the necessary resources
- Allow them to do their job and succeed
- Harvest the rewards!