Institutes

Institute for Biomedical Sciences at Idaho State University (IBSISU)

Director: Vacant

The Institute for Biomedical Sciences at Idaho State University (IBSISU) is an Idaho-centric, multidisciplinary and inter-professional biomedical research and educational entity that leverages and grows the biomedical sciences core theme at Idaho State University.

The Institute creates a synergy and brings together the collective expertise of faculty and researchers from several colleges within the University based on the 'bench-to-bedside' model of accelerated advances in biomedical research. The Institute draws heavily on support through competitive extramural grants from national and international funding agencies such as the National Institutes of Health, World Health Organization and others. The Institute seeks partnerships with private industry in research funding, technology transfer and commercialization.

Informatics Research Institute (IRI)

http://www.iri.isu.edu/

Director, Informatics Research Institute
Dr. Corey D. Schou
University Professor of Informatics
Professor of Computer Science
Director, National Information Assurance Training and Education Center

Research Faculty
Research Professor
Dr. Lawrence Leibrock

Research Assistant Professor
Dr. James Frost
Simplot Decision Support Center

Affiliate Faculty
Dr. Ronald E. Fisher
Zachary D. Tudor
Dr. Julie Ryan
Dr. Paul Cady
Dr. William Hugh Murray
Sean McBride
Dr. Frederick S. Albright
Robert A. Willis Jr.
Dr. Jill Slay
Dr. Kandi Truley-Ames
Dr. Edwin Armistead
Dr. Dennis Longley
Dr. George W. Romney
Jeremy S. Brown
Albert Ray Fox
Ashley Alley
John Howarth
Laura Martin
Ross Young

The Informatics Research Institute (IRI) is an academic unit providing coordination for several interdisciplinary degrees and research centers across campus. Informatics is an integrative discipline that arises from the synergistic application of computational, informational, organizational, cognitive, and other disciplines whose primary focus is in the acquisition, storage and use of information in a broad spectrum of domains. It includes the study and application of information technology in the arts, sciences, commerce, medicine, and society in general. The IRI has a mission in teaching, research, and service. Activities include:

- Developing interdisciplinary programs in informatics
- Developing interdisciplinary degree programs
- Developing and offering outreach programs
- Coordinating activities of related centers on campus
- Providing leadership in critical infrastructure protection
- Developing educational programs
- Developing infrastructures to support research in diverse fields
- Coordinating interdisciplinary academic concentrations

The IRI coordinates activities among the National Information Assurance Training and Education Center (NIATEC), Simplot Decision Support Center (SDSC), Center for Innovative Technology in Archaeological Informatics (CITI-AI). The IRI charter includes development of interdisciplinary AA, AS, BA, BS, Masters and Doctoral programs as well as concentrations in Information Assurance. For more information, visit https://security.iri.isu.edu (https://security.iri.isu.edu/).

Archaeological Informatics

CITI-AI – Center for Innovative Technology in Archaeological Informatics. The CITI-AI leads research in the organization and analysis of archaeological information. It creates and maintains active partnerships within the archaeological community and serves as an interdisciplinary center of activity uniting basic informatics research and modeling within the Informatics Research Institute, Idaho State University, and its affiliated faculty.

Simplot Decision Support Center

The Simplot Decision Support Center (SDSC) is a facility designed to increase group decision making effectiveness and efficiency. It is a research and development effort of Idaho State University resulting from the generosity of the Simplot Corporation. The Simplot Decision Support Center is one of a few dedicated facilities in the nation and is available as a resource to both local and national organizations. It has led the national effort in developing information assurance and computer security training and education standards for the federal government.

Information Assurance

NIATEC – The National Information Assurance Training and Education Center is a consortium of academic, industry, and government organizations to improve the literacy, awareness, training, and education standards in Information Assurance. As the federally designated cornerstone for essential education and training components of a strong Information Assurance initiative, the mission is to establish an effective Information Assurance infrastructure. NIATEC is associated with Idaho State University Center of Academic Excellence. It is a component in the national plan to establish a federal cyber-corps to defend against cyber-based disruption and attacks. Key to building such a cyber-corps is the implementation of robust graduate and undergraduate curricula in Information Assurance. Program information can be found here: https://security.iri.isu.edu (https://security.iri.isu.edu/).

Institute of Emergency Management

Director: Mikitish

The Institute of Emergency Management (IEM), located on the Idaho State University - Meridian Health Science Campus, was created by the Idaho State Board of Education in July 2003. The purpose of the Institute is to offer workshops, courses, certificates, and degrees to meet the professional and career development needs of Idaho's emergency response community. IEM offers live-online Associate of Science and Bachelor of Science degrees in Emergency Management and Fire Services Administration, as well as the classroom-based Associate of Science degree in Paramedic Science and the B.S. in Health Science concentration in Emergency Medical Services. The Paramedic Science A.S. classes are conducted at the Meridian campus. For additional information visit http://www.isu.edu/idiem/.

Institute of Nuclear Science and Engineering (INSE)

Director and Associate Professor: Dunzik-Gougar

Idaho State University established an Institute of Nuclear Science and Engineering (INSE) with approval from the Idaho State Board of Education in 2003. The INSE objective is to expand research in nuclear engineering and science. The partners in this expanded research are the ISU College of Science and Engineering, the Office of Research, and the Center for Advanced Energy Studies. CAES is a research and education consortium comprised of the three Idaho public universities, the University of Wyoming, private industry, and the Idaho National Laboratory (INL). All of the faculty affiliated with INSE are also faculty of the Department of Nuclear Engineering and Health Physics programs in the College of Science and Engineering.

Idaho State University's proximity to INL and the INL's designation as the premier nuclear energy research laboratory in the U.S. create a great opportunity for nuclear engineering research at Idaho State University. A number of ISU's nuclear engineering faculty hold joint appointments at INL. Also, several faculty were previously employed at what is today the INL, in research and engineering projects.

INSE coordinates a scholarship program for students interested in pursuing a Bachelor of Science degree in nuclear engineering. Students at Idaho State University, the University of Idaho, or Boise State University may apply as sophomores in engineering. Completion of the Nuclear Engineering degree takes place at Idaho State University, on either the Idaho Falls or the Pocatello campus. Agencies within the U.S. nuclear industry, especially AREVA, the Department of Energy, and more recently, the Nuclear Regulatory Commission, have supported scholarships in this program. Participants are encouraged and assisted to find summer positions at INL.

For further information, visit https://www.isu.edu/ne/facilities/