

Resource Summary Report

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George Mason University: Krasnow Institute for Advanced Study

RRID:SCR_001741

Type: Tool

Proper Citation

George Mason University: Krasnow Institute for Advanced Study (RRID:SCR_001741)

Resource Information

URL: <http://www.gmu.edu/departments/krasnow/>

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Description: The Krasnow Institute seeks to expand understanding of mind, brain, and intelligence by conducting research at the intersection of the separate fields of cognitive psychology, neurobiology, and the computer-driven study of artificial intelligence and complex adaptive systems. These separate disciplines increasingly overlap and promise progressively deeper insight into human thought processes. The Institute also examines how new insights from cognitive science research can be applied for human benefit in the areas of mental health, neurological disease, education, and computer design. It is this informed access to mind and brain that is the core of the mission of The Krasnow Institute. While their goals and tools are scientific, they also are fully cognizant of the applications of the results for the benefit of mankind, in areas like mental health, neurological diseases, and computer design. In asking the major questions they realized the necessity of being flexible, innovative, and trans-disciplinary. Therefore, they became dedicated to bringing together scholars from a wide variety of specialties and providing a milieu where they can be both productive and interactive. This institute will provide these researchers with the tools required to move ahead and create an environment of optimal scientific integrity coupling innovation with risk taking. The Krasnow institute is especially attuned to the deep insights from evolutionary biology, which is at the root of understanding all organismic functions including cognition; computer studies of complex systems, which present a revolution in our ability to deal with the world of interactive agents; and a long history of cognitive psychology, which provides a huge data base of human abilities and responses. It also continues to develop its long-term research program based on the contributions of George Mason University faculty holding joint appointments at Krasnow and other GMU academic departments. Additionally, the Krasnow Institute Department of Molecular Neuroscience, together with the College of Science (COS) and the College of Humanities and Social Sciences (CHSS), oversees the campus-wide Neuroscience

Council in developing the Neuroscience PhD curriculum. Research groups in the Krasnow institute include: - Adaptive Systems Laboratory - Center for Neural Dynamics - Center for Social Complexity - Center for the Study of Neuroeconomics o Neuroeconomics Laboratory - Comparative Vertebrate Neurobiology Research Group - Center for Neuroinformatics, Neural Structures, and Neuroplasticity (CN3) o Computational and Experimental Neuroplasticity (CENlab) o Computational Neuroanatomy Group o Physiological and Behavioral Neuroscience in Juveniles (PBNJ) Lab - Receptor Complexes and Signaling Lab - Krasnow Investigations of Developmental Learning and Behavior (KIDLAB) - Neuro Imaging Core of the Krasnow Institute

Synonyms: GMU Krasnow

Resource Type: portal, postdoctoral program resource, training resource, organization portal, data or information resource

Keywords: dynamics, education, emotion, evolutionary, function, adaptive, artificial, behavior, behavioral, biology, biomedical, brain, cognition, cognitive, cognitive science, complex, computational, computer, design, disease, happiness, homo sapiens, human, imaging, intelligence, learning, mental health, mind, nature, neural, neuroanatomy, neurobiology, neuroeconomics, neuroinformatics, neurological, neuroplasticity, organismic, physiological, psychology, receptor, research, signaling, social, structure, system, theological, thought, vertebrate

Availability: Free, Freely Available

Resource Name: George Mason University: Krasnow Institute for Advanced Study

Resource ID: SCR_001741

Alternate IDs: nif-0000-10239

Record Creation Time: 20220129T080209+0000

Record Last Update: 20260805T044027+0000

Ratings and Alerts

No rating or validation information has been found for George Mason University: Krasnow Institute for Advanced Study.

No alerts have been found for George Mason University: Krasnow Institute for Advanced Study.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.