

KRASNOW INSTITUTE FOR ADVANCED STUDY

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Administration

- Kenneth De Jong, Interim Director
- Ernest Barreto, Associate Director

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The Krasnow Institute for Advanced Study seeks to expand the 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, including social 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, computer design, and social system analysis.

The Krasnow Institute for Advanced Study was chartered in 1990 as a private nonprofit Virginia corporation and merged with Mason in 2002, becoming a chartered institute under the Office of the Provost. The Center for Social Complexity joined the Krasnow Institute in 2005. The institute operates on an annual budget of \$7.8 million. Cognitive research at the institute spans from molecules to the mind to social systems. Krasnow scientists have published extensively in the most prestigious scholarly journals and collectively have brought in more than \$59 million in sponsored research from federal agencies such as the National Institutes of Health and private sources such as the Sir John Templeton Foundation.

Faculty

Institute Faculty

Agrawal, Ascoli, Axtell, Barreto, Blackwell, Cebal, Cioffi-Revilla, Cressman, Crooks, De Jong, Dumas, Gero, Ikonomidou, Jafri, Joiner, Kabbani, Krueger, McCabe, Morowitz, Olds, Pancrazio, Parasuraman, Peixoto, Pritz, Salvador-Morales, Sikdar, So, Tian