



Graduate Traineeships Available in

# ***The Dynamics of Brain-Body-Environment Systems in Behavior and Cognition***

Exploring how behavior and cognition arise from the dynamical interaction of brains with bodies, agents with their environments, and agents with other agents through a combination of experimental study, computational and robotic modeling, and mathematical analysis.

## **Research Themes**

- \* *Brain Dynamics and Connectivity*
- \* *Self-Organization of Individual Behavior*
- \* *Processes of Change: Learning, Development and Evolution*
- \* *Self-Organization of Group Behavior*

## **Program Benefits**

- \* *\$30,000 stipend*
- \* *Tuition and health insurance*
- \* *National and international research internships*

## **Degree Programs Include**

- \* *Cognitive Science stand-alone Ph.D.*
- \* *Cognitive Science joint Ph.D. with*
  - *Psychological and Brain Sciences*
  - *Neuroscience*
  - *Computer Science*
  - *Informatics*
  - *Physics*
  - *Philosophy / HPS*

## **Applications Due December 31**

For more information, contact Dr. Randall Beer at [rdbear@indiana.edu](mailto:rdbear@indiana.edu) or visit <http://igert.cogs.indiana.edu>

*Our program promotes and values a diverse scientific community.*

