

# COGNITIVE SCIENCE

# LIVE

at Indiana University Bloomington is an interdisciplinary program dedicated to understanding the nature of minds and other intelligent systems. Our curriculum fosters skills in philosophical analysis, computation, neuroscience, research design, and statistics while delving into core topics in artificial intelligence, cognitive architecture, communication, consciousness, creativity, culture, expertise, information theory, language, learning, memory, perception, philosophy of mind, reasoning, representation, and social cognition.

**Undergraduate Program:** We offer stand-alone B.A. and B.S. degrees in Cognitive Science, as well as double-degree and minors. We offer research fellowships for visiting and summer students, and year-long laboratory research opportunities.

**Graduate Program:** Our program has over 90 graduate students pursuing stand-alone and double-degree Ph.D.s or Ph.D. minors. Fellowships are available to both entering and continuing students.

**Facilities:** a 3-Tesla fMRI neuro-imaging center, a state-of-the-science robotics laboratory, immersive virtual reality and visualization laboratories, advanced computer laboratories for studying large-scale social interaction, and a world-class supercomputer.

**Faculty:** Our internationally renowned faculty includes 57 core and 75 affiliated members, from eight departments in the College of Arts and Sciences, and the Schools of Informatics, Library and Information Science, Business, Music, Optometry, and Education. Our faculty is committed to in-depth interdisciplinary interaction.

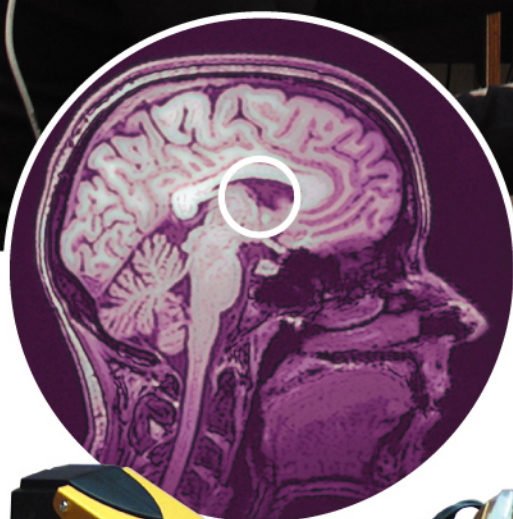
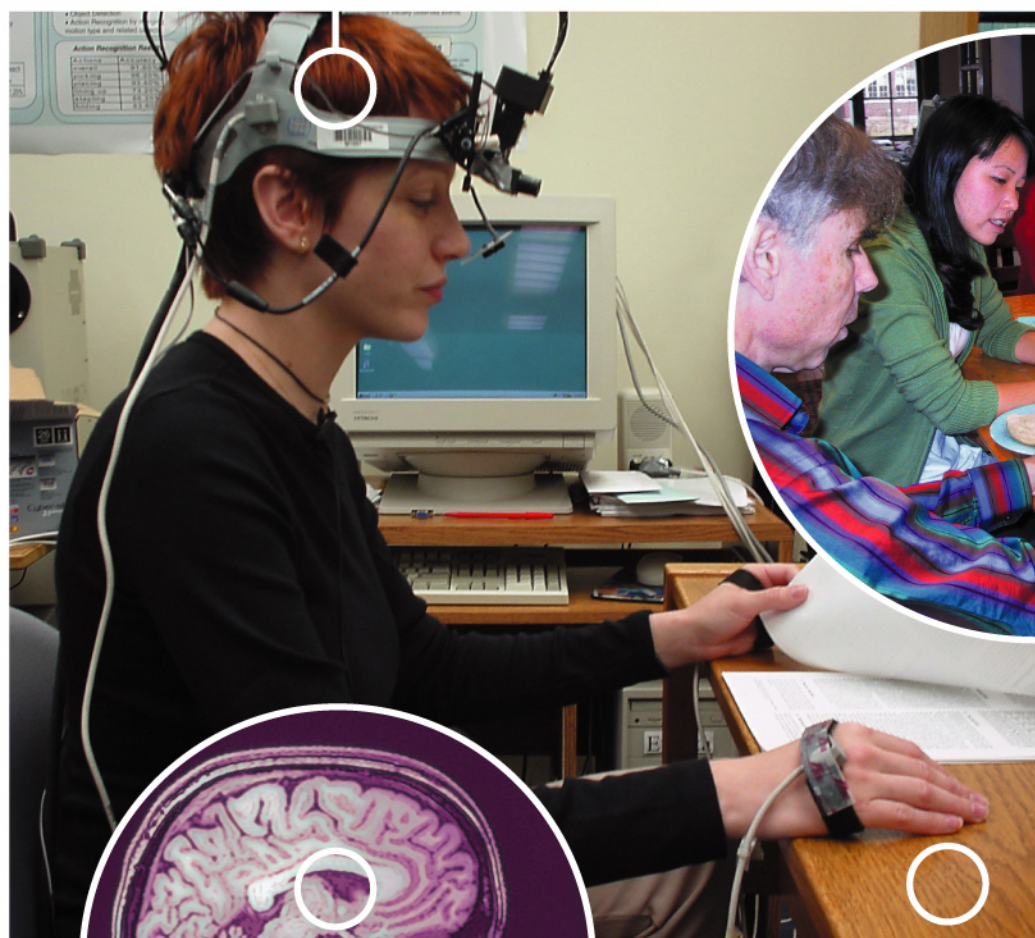
For more information, visit [www.cogs.indiana.edu](http://www.cogs.indiana.edu) or contact [cogsci@indiana.edu](mailto:cogsci@indiana.edu) to let us know what is on your mind.

**Fields**

- |                     |                   |
|---------------------|-------------------|
| Anthropology        | Mathematics       |
| Biology             | Neuroscience      |
| Computer Science    | Philosophy        |
| Education           | Political Science |
| Information Science | Psychology        |
| Linguistics         | Speech & Hearing  |

**Specialties**

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|--|--|
| Agent-environment interaction          | Language computation                           |
| Analogy                                | Learning science                               |
| Animal behavior                        | Machine learning                               |
| Artificial Life                        | Mathematical & computational models of thought |
| Cognitive development                  | Robotics                                       |
| Cognitive neuroscience                 | Social networks                                |
| Complex systems                        | Vision science                                 |
| Concepts & categorization              |  |
| Dynamical systems                      |  |
| Embodied cognition                     |  |
| Evolution & adaptation                 |  |
| Judgment, reasoning, & decision making |  |



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