

DEPARTMENT OF COGNITIVE SCIENCE

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More Information: <https://www.case.edu/artsci/cogs>

Cognitive science is the scientific study of the mind in a transdisciplinary framework. The Department of Cognitive Science at Case Western Reserve University is specifically dedicated to the study of human higher cognition, seeking to place cognitive science in an ecologically valid context. The department has programmatic interests in language and multimodal communication (including speech, gesture, second language learning, bilingualism, multimedia, and narrative), the use of data science to understand the human mind (including ethical considerations in the application of tools), the reciprocal shaping of cognition and institutions (e.g., money, law, religion), and how differences in experience (such as race, gender, culture, ideology) shape cognition. The department draws on methods of research in the biological sciences, social sciences, and the humanities. Its educational mission is to provide students with the best possible opportunity to integrate a wide variety of approaches and apply them to the study of those cognitive capacities that mark human beings as distinctive.

The department offers Bachelor of Arts and minor programs in Cognitive Science and a Master of Arts program in Cognitive Linguistics. By developing wide-ranging knowledge in multiple disciplines, our students can prepare for a variety of career options. Training in several disciplines will also provide increased choices for postgraduate study.

Department Faculty

Fey Parrill, PhD
(University of Chicago)
Professor and Chair
Co-speech gesture; teaching and learning; climate cognition

Todd Oakley, PhD
(University of Maryland)
Professor
Cognitive linguistics; discourse analysis; attention

Yasuhiro Shirai, PhD
(University of California, Los Angeles)
Professor
First- and second-language acquisition

Vera Tobin, PhD
(University of Maryland)
Associate Professor
Cognitive linguistics, pragmatics, literature; evolution and development

Mark Turner, PhD
(University of California, Berkeley)
Institute Professor
<http://markturner.org/>
Higher-order cognition and creativity; conceptual integration

Affiliated Faculty

Timothy Beal, PhD
(Emory University)
Florence Harkness Professor of Religion, Department of Religious Studies

Richard Boyatzis, PhD
(Harvard University)
Distinguished University Professor, Weatherhead School of Management

Francesca Brittan, PhD
(Cornell University)
Associate Professor, Department of Music

Daniela Calvetti, PhD
(University of North Carolina, Chapel Hill)
James Wood Williamson Professor, Department of Mathematics, Applied Mathematics, and Statistics

Angela Ciccio, PhD
(Case Western Reserve University)
Associate Professor, Department of Psychological Sciences

Heath A. Demaree, PhD
(Virginia Institute of Technology)
Professor, Department of Psychological Sciences

Robert L. Greene, PhD
(Yale University)
Professor and Chair, Department of Psychological Sciences

Peter Thomas, PhD
(University of Chicago)
Professor, Department of Mathematics, Applied Mathematics, and Statistics

Peter Whitehouse, MD, PhD
(Johns Hopkins University)
Professor, Department of Neurology, CWRU School of Medicine

Emeriti

William E. Deal, PhD
(Harvard University)
Severance Professor Emeritus in the History of Religion
Cognitive science of religion and ethics; Buddhist theory of mind

External Affiliated Faculty

Michael Householder, PhD
(UC Irvine)
Professor of English, Director of Undergraduate Curriculum, School of Humanities, Arts and Sciences, St. Catherine University

Programs

- Cognitive Linguistics, MA
- Cognitive Science, BA
- Cognitive Science, Minor

Dual Degrees

- Programs Toward Graduate or Professional Degrees