



125th anniversary celebration on CSHL sandspit

Genetics & Neurobiology of Language

July 25 - 31, 2016 - Applications due: April 15

Instructors

Simon Fisher, Max Planck Institute for Psycholinguistics, The Netherlands
Kate Watkins, University of Oxford, UK

2016 Speakers

Richard Aslin, University of Rochester
Matt Davis, University of Cambridge, UK
Karen Emmorey, San Diego State University
Evelina Fedorenko, Massachusetts Institute of Technology
Tecumseh Fitch, University of Vienna, Austria
Ellen Lau, University of Maryland
Mairead MacSweeney, University College London, UK
Angela Morgan, Murdoch Childrens Research Institute, Australia
Dianne Newbury, University of Oxford, UK
Liina Pyllkkänen, New York University
Constance Scharff, Freie Universität Berlin, Germany
Sophie Scott, University College London, UK
Katie Slocombe, University of York, UK
Ofer Tchernichovski, Hunter College
Bruce Tomblin, University of Iowa
Faraneh Vargha-Khadem, Institute of Child Health, UK
Sonja Vernes, MPI for Psycholinguistics, The Netherlands
Janet Werker, University of British Columbia, Canada



Why are children able to acquire highly sophisticated language abilities without needing to be taught? What are the neurobiological and neurophysiological processes that underpin human speech and language, and how do they go awry in developmental and acquired disorders? Which genetic factors contribute to this remarkable suite of human skills, and are there evolutionary precursors that we can study in other species? This unique new CSHL course will address core questions about the bases and origins of speech and language, through talks, interactive sessions, keynotes and debates, involving leading experts from a range of disciplines. It will integrate the state-of-the-art from complementary perspectives, including development, cognitive models, neural basis, gene identification, functional genomics, model systems and comparative/evolutionary studies.



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