



THE
GRADUATE SCHOOL

University of Maryland Distinguished Dissertation Award for 2013

Biological and Life Sciences

Hui Wang, Ph.D.

College of Behavioral and Social Sciences, Neuroscience and Cognitive Science Program

Title: *Circuit Analysis of Synaptic Dysfunctions in the CA3 Area of BACE1 Knockout Mice*

Dissertation Advisor: Hey-Kyoung Lee, Associate Professor, The Mind/Brain Institute, Baltimore Maryland

Humanities and Fine Arts

Rajani Bhatia, Ph.D.

College of Arts and Humanities, Department of Women's Studies

Title: *Lifestyle Sex Selection: Reproduction, Transnational Flows, and Inequality*

Dissertation Advisor: Bonnie Thornton Dill, Professor and Dean, College of Arts and Humanities

Mathematics, Physical Sciences, and Engineering

Kazi Rajibul Islam, Ph.D.

College of Computer, Mathematics, and Natural Sciences, Department of Physics

Title: *Quantum Simulation of Interacting Spin Models with Trapped Ions*

Dissertation Advisor: Christopher Monroe, Bice Zorn Professor of Physics, Joint Quantum Institute

Social Sciences

Teresa Fort, Ph.D.

College of Behavioral and Social Sciences, Department of Economics

Title: *Firms' Organization of Global Production: Theory and Evidence*

Dissertation Advisor: Nuno Limao, Associate Professor, Department of Economics