

## MENTOR BIOS



### **Guy-Alain Amoussou**

*Bowie State University*

Dr. Guy-Alain Amoussou is a Professor of Computer Science and has just been appointed Associate Provost for Academic Affairs at Bowie State University, a University System of Maryland campus. He recently served as a program director at the National Science Foundation (NSF) and contributed to the management of the Cyberlearning program.



### **Marcela Borge**

*Penn State University*

Dr. Marcela Borge is an assistant Professor of Education at Penn State. Her research interests lie at the intersection of learning, cognition, and design. She has expertise in human-centered-design and the learning sciences and has designed and assessed multiple learning systems to support science/design inquiry and collaborative learning.



### **Cynthia Carter Ching**

*University of California, Davis*

Cynthia Carter Ching is an Associate Professor of Education at the University of California Davis, where she conducts research at the intersection of technology, learning, and identity. Her work examines how people represent and negotiate aspects of themselves via technology across formal and informal learning environments.



### **Tamara Clegg**

*University of Maryland*

Tamara Clegg is an assistant professor in the Department of Teaching and Learning, Policy and Leadership and the College of Information Studies at the University of Maryland. Her work focuses on developing technology to support life-relevant learning where children engage in science in the context of achieving personally relevant goals.

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### **Barry J. Fishman**

*University of Michigan*

Barry Fishman is a Professor in the Schools of Information and Education at the University of Michigan. His work focuses on the design of scalable and sustainable educational interventions, including the development of Design-Based Implementation Research (DBIR). He was co-author of the Obama Administration's 2010 U.S. National Educational Technology Plan, and served as Associate Editor of *Journal of the Learning Sciences* from 2005-12.



### **Janet Kolodner**

Janet Kolodner is interested in how people learn and in how to use technology and good pedagogy to help them deepen their understanding and capabilities. Originally from computer science, she pioneered the case-based reasoning method, and uses its cognitive model to inform design of science curriculum and learning technologies. She is founding Editor in Chief of *Journal of the Learning Sciences*, a founder of the International Society for the Learning Sciences, and Regents' Professor Emerita at Georgia Tech. She served as lead program officer for the NSF Cyberlearning program during its first 4 years and will be joining the Concord Consortium in August, 2015.



### **Erica Rosenfeld Halverson**

*University of Wisconsin-Madison*

Erica Rosenfeld Halverson is an Associate Professor of Digital Media and Literacy in the Department of Curriculum & Instruction at the University of Wisconsin-Madison. Erica studies how people learn in and through the arts; her current focus is the maker movement, studying and designing spaces and tools in museums, libraries, and afterschool spaces.



### **Andee Rubin**

*TERC*

Andee Rubin, Senior Scientist at TERC, has done research and development in the fields of mathematics education, educational technology, and informal learning for over 30 years. Her recent research has focused on the use of tablet computers for math and science education in elementary classrooms and the potential of action research as a tool for professional development in zoos and aquaria.