

U.S. Department of Education First in the World Grant, \$3,000,000 (2015-2019), Principal Investigator and Project Director. “Maryland Mathematics Reform Initiative,” Principal Investigator (P116F150201)

National Science Foundation STEM-C Grant, \$500,000 (2014-2018) MSP-Targeted Award - Computing Partnerships, Computing Ed for 21st Century, ITEST. Principal Investigator. (DUE-0831970).

AASCU: College and Career Readiness Project, (2013-14) \$15,000. Team Leader.

Business Higher Education/Sloan Foundation, (2012-2015) \$1,000,000. “Cyber-Security Network,” Principal Investigator.

National Governor’s Association/National Association of System Heads, “Common Core Postsecondary Collaborative” \$65,000/2012. Principal Investigator.

National Science Foundation Climate Change Education Project (CCEP) Phase II; \$5,000,000/5 years (2012-2017). Co-Principal Investigator. MADE-CLEAR: Maryland-Delaware Climate Change Education, Assessment and Research.” (DUE1239758)

National Science Foundation Climate Change Education Planning Grant, \$1,000,000/2 years (2010-2012). Co-Principal Investigator. “MADE-CLEAR: Maryland-Delaware Climate Change Education, Assessment and Research.” (DUE-1043262)-)

Lumina Foundation Making Opportunity Affordable, \$1,032,000/3 years (2009-2012). Principal Investigator, University System of Maryland, MICUA, MACC, MHEC, and Office of the Governor.

National Science Foundation Math Science Partnership Grant \$12,396,945/5 years. (2008-2013) Co-Principal Investigator and Partnership Director. “Minority Student Pipeline Math Science Partnership” (MSP)² (with Prince George’s Public Schools).

National Science Foundation, Supplemental Grant \$499,999/3 years. (2004-2007). Principal Investigator and Project Director. “Change and Sustainability in Higher Education (CASHÉ).”

U.S. Department of Education Title II Teacher Quality Enhancement Grant \$6,000,000/5 years. (2003-2008). Principal Investigator and Project Director. “Education Equals Mentoring, Coaching and Cohorts ($E=MC^2$)” (with Baltimore City Public Schools).

National Science Foundation Math Science Partnership Grant \$7,500,000/5 years. (2002-2007). Principal Investigator and Project Director. “Vertically Integrated Partnerships K-16, (VIP)” (with Montgomery County Public Schools).

U.S. Department of Education Title II Teacher Quality Enhancement Grant \$4,187,000/5 years. (2000-2005) Principal Investigator and Project Director. “Learning in Communities, (LINC).”

AAC&U/FIPSE “Greater Expectations for Undergraduate Education,” \$35,000, (2001-2003). Project Director.

National Science Foundation, \$20,000 (1998-1999). “Shaping the Future,” Principal Investigator and Project Director.

Pew Charitable Trusts, \$800,000. (1997-2001). Project Director. K-16 Partnership for Teaching and Learning, University System of Maryland.

Lockheed Martin, \$5000, (1997). Service Learning Grant, to support College Park Scholars Community Service Curriculum.

FIPSE Grant, U. S. Department of Education, \$211,000/3 years. (1996-1999). Principal Investigator and Project Director. “Discovery Project: an Undergraduate Research Curriculum Initiative.”

Internal Campus Grants for Curriculum Improvement, University of Maryland. Including grants to develop “Instructors’ Handbook” for Freshman Writing. (1993). Principal Investigator on Community College/ University Articulation Study (1992).