

Grants

Foundation	Grant Name	Year
Howard Hughes Biomedical Program	Development of an Environmental General Chemistry Laboratory	1995
NSF-RUI	(and P.A. DeYoung) Heavy-Ion Reaction Studies at Hope College	1995-1998
NSF-NSCL	Preequilibrium Emission Systematics	1996
PEW	Faculty Development Workshop	1996-1997
PEW	PEW Short-term Consultation Grant	1997
MichiganSpace Grant Consortium	PIXE Spectroscopy Studies: Life in Extreme Environments	1997-1998
NSF-ILI	The Introduction of Atomic Absorption Spectroscopy into the General Chemistry Lab (co-PI Michael Seymour)	1998-1999
NSF-ILI	Environmental Science Instrumentation for Interdisciplinary Undergraduate Research	1998-1999
NSF-REU	Research in Nuclear Physics with Undergraduates at Hope College	1998-2000
Environmental Protection Agency	Phase II assessment of sedimentcontaination in White Lake	2000
Howard Hughes Medical Institute	Exploratory Study of the Interaction ofAntimutagenic Agents with AntitumorAgents Using Accelerator Mass Spectrometry(AMS)	1998-2000
EPA - Great Lakes Protection Fund	PIXE technique to study metal and biological toxicity in situ in sediments	2001
NSF-MRI	Acquisition of an ICP for environmental metals analysis and undergraduate training (co-PI with Mike Seymour)	2001-2003
NSF-RUI	Radioactive Nuclear Beam Physics with Undergraduates at Hope College (co-PI with DeYoung)	2001-2004

NSF-MRI	Acquisition of a Nuclear Microprobe System for Interdisciplinary Research and the Integration of Research and Undergraduate Education at Hope College.	2003-2006
NSF-RUI	Multifaceted Opportunities in Nuclear Physics for Undergraduates at Hope College	2004-2007
NSF	Celebration of Undergraduate Research	2006-2007
NSF-RUI	Fundamental and Applied Nuclear Physics with Undergraduates	2007-2010
NSF	Chemistry REU Leadership Group	2007-2010
DHS	Cathodoluminescent Signatures of Neutron Irradiation	2008-2011
NSF	REU SITE: Professional Excellence and Development in Science	2009-2012
MDEQ	Development of an Alternative Sediment Sampling Method in the Macatawa Watershed	2009-2011
MDEQ	Sediment Fingerprinting in the Macatawa Watershed	2010-2012
NSF	MRI-Consortium: Development of a Neutron Detector Array by Undergraduate Research Students for Studies of Exotic Nuclei.	2009-2011
NSF	RUI: Studies of Unstable Neutron-Rich Nuclei and Interdisciplinary Applications of Nuclear Physics with Undergraduates	2010-2012
NSF	MRI-R2: Acquisition of Instrumentation to Determine Provenance of Environmental Samples	2010-2012
ODC	Lake Macatawa Water Quality Study	2011-2013
DOE	Preparing for Harvesting Radioisotopes from FRIB	2011-2014
EPA	Reducing PBDEs & Related Flame Retardants in the Great Lakes	2012-2013

NSF	REU Site: Achieving the Next Level: Research Experiences for Underserved Populations	2013-2015
NSF	RUI: Cutting-Edge Nuclear Physics Research (Collaborative and Interdisciplinary) at Hope College	2013-2015
USGS	Citizen Monitoring of Chlorides in Water	2014-2015
NSF	I-Corps: Development of a Business Model for a Rapid Screening Test for PFCs	2015-2016
DOE	Preparing for Isotope Harvesting at FRIB	2015-2017