

Previously Funded SpF Projects

Year	College	Department	Last Name	First Name	Project Title
2014	CBPM	Criminal Justice	Hassett-Walker	Connie	An Examination of Health Issues among Women in the Criminal Justice System
2014	CNAHS	Computer Science	Morreale	Patricia	Secure Mobile App Design: Vulnerability Assessment and Analysis
2014	NJCSTM	NJCSTM	Farnum	Edward	Wave Propagation and Ultra Short Pulses – Engineers and Education
2014	NJCSTM	NJCSTM	Joiner	David	Validation of Exoplanet Models for Multi-planet Systems with Application to HD10180
2014	NJCSTM	NJCSTM	Ramanathan	Dil	Hydrogen/Deuterium Exchange High Resolution Mass Spectrometry for Investigating Host-Guest Interactions
2013	CBPM	Criminal Justice	Hassett-Walker	Connie	An Examination of Mental Health Issues in Law Enforcement, First Responder Agencies, and Corrections
2013	CHSS	History	Klein	Dennis	White Paper Documents on the Local Origins and Memory of Genocide in Comparative Perspective
2013	CHSS	English	Zamora	Mia	The Human Rights Archive
2013	CNAHS	Computer Science	Morreale	Patricia	Community Dynamics for Mobile and Social Network Applications
2013	CVPA	Theater	Evans	Rachel	Creating Theatre for the Very Young (TVY): Taking Children Ages 2-5 on "An Emotional Journey of Delight"
2013	NJCSTM	NJCSTM	Joiner	David	Student Based SuperComputing: Student Development of Web Portal Templates for SuperComputing Jobs
2013	NJCSTM	NJCSTM	Merritt	James	Preparation of a Combinatorial Library Collection of 50,000 Novel Small Molecules for Drug Discovery Screening
2013	NJCSTM	NJCSTM	Ramanathan	Dil	Speed vs. Sensitivity: Compatibility of Ultra High Performance Liquid Chromatography (UHPLC) coupled to Electrospray Ionization High Resolution Mass Spectrometry (ESI-HRMS)
2012	CED	Early Childhood	Rosen	Dina	Interactive Light Studio: Teaching STEM to Young Learners
2012	CHSS	History	Regal	Brian	Waiting for Columbus: Science, Pseudoscience, and the Discovery of America
2012	CNAHS	Chemistry	Shin Stokes-Huby	Yeung-Gyo Heather	Computer modeling, preparation, and thermo-optical behavior of the atropisomers of 1,1'-bianthracenyl and bis-1,4-(1-naphthyl) naphthalene
2012	CNAHS	Computer Science	Stewart-Gardner	Carolee	Making Educational Computer Games Appealing to Girls to Improve Their Likelihood of Computer Science Study
2012	NJCSTM	NJCSTM	Ramanathan	Dil	Quantifying Metabolites without Reference Standards: Role of Mobile Phase Compositions and LC Flow Rate on MS Response
2011	CED	Early Childhood	Chen	Jennifer	Investigating the Effectiveness of Various Professional Development Models for Early Childhood Teachers
2011	CED	Communication Disorders & Deafness	Namazi	Mahchid	Alternative assessment procedures of language disorder in Spanish-English and Chinese-English bilingual children
2011	CHSS	History	Hyde	Elizabeth	Knowing How, or the Place of the Instructional Manual in the Early Modern Private Library

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2011	CNAHS	Environmental Science	Croft	Paul	Summer Thunderstorms in NJ: Risk Assessment, Visualization, and Evaluation
2011	CNAHS	Computer Science	Morreale	Patricia	Pattern Identification and Parallellization in Stream Data (PIPS)
2011	CNAHS	Biology	Porta	Angela	The Claudins and Vitamin D Mediated Intestinal Calcium Transport
2011	CNAHS	Biology	Shebitz	Daniela	Linking above-ground and below-ground ecological communities to analyze successional changes in an Atlantic white-cedar swamp restoration in the New Jersey Pine Barrens.
2011	NJCSTM	NJCSTM	Merritt	James	Synthesis and Evaluation of Small-Molecule Inhibitors of Cell Surface Receptors for Treatment of Autoimmune Diseases
2011	NJCSTM	NJCSTM	Ramanathan	Dil	Simultaneous Positive and Negative Ionization High Resolution Mass Spectrometry (HRMS) for Measurement of Pharmaceuticals in Drinking Water
2010	CED	Physical Education, Recreation & Health	Adams	Jessica	Attitudes of teacher candidates toward video reflection using tagging software for self assessment.
2010	CED	Early Childhood	Chen	Jennifer	A Meta-Analysis of Research Studies on the Quality of Early Childhood Programs
2010	CED	Early Childhood	Rosen	Dina	How Schools Use Digital Tools to Connect Multiple Learning Contexts: An Empirical study
2010	CHSS	English	Chandler	Sarah	New literacy narratives from an urban university: Analyzing stories about reading, writing, and changing technologies
2010	CHSS	History	Esposito	Frank	The Lion Speaks Tonight: The Autobiography of Jay Siegel, The Lead Singer of the Tokens
2010	CNAHS	Environmental Science	Croft	Paul	Phase II: Morphologic Investigation of Thunderstorm Initiates and GIS Attributes with Testing for Improved Operational Nowcasting of Severity in New Jersey
2010	CNAHS	Computer Science	Liou	Jing-Chiou	On Software Security Breach Resulting from Embedded Sleeping Agents
2010	CNAHS	Computer Science	Morreale	Patricia	Identifying Dataset Patterns for Knowledge Discovery
2009	CED	Early Childhood	Chen	Jennifer	The Relationship between the Quality of the Early Childhood Classroom Environment and Language Development of Yound Children
2009	CHSS	Communication	Tung	Larry	The Silence of Her Heart: Journey of a Domestic Violence Victim
2009	CNAHS	Computer Science	Chang	George	Interactive Visualization System for Large Data Sets
2009	CNAHS	Environmental Science	Croft	Paul	Morphologic Investigation of Thunderstorm Initiates as GIS Attributes with Testing for Improved Operational Nowcasting of Severity in New Jersey
2009	CNAHS	Computer Science	Morreale	Patricia	Knowledge Discovery from Sensor Data for Environmental Information
2009	CNAHS	Biology	Shebitz	Daniela	Environmental Variables Leading to Garlic Mustard Establishment and Invasion in Union County Parks
2009	NWGC	Global MBA	Shani	David	Handling the Conflicting Roles of Manager and Leader in Global Teams

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2008	CED	Physical Education, Recreation & Health	Adams	Jessica	Evaluation of Perceptions and Effectiveness of the FIT Program: Countering Obesity through Education
2008	CED	Early Childhood	Chen	Jennifer	The Role of Parenting Practices in the Behavioral and Socio-emotional Adjustment of Preschool Children: An Interview Study with Chinese Immigrant Parents
2008	CHSS	Communication	Tung	Larry	Angles with Broken Wings - a Documentary about Matheny, a Medical and Educational Cnetr for Disabled Children and Adults in Peapack, New Jersey
2008	CNAHS	Computer Science	Chang	George	Data Mining in Web 2.0
2008	CNAHS	Environmental Science	Croft	Paul	RECORDS for Prediction in New Jersey - Part 3
2008	CNAHS	Chemistry	Mongelli	Matthew	Investigation of DNA Binding with Asymmetric Bimetallic Ruthenium (II) Complexes
2008	CNAHS	Computer Science	Morreale	Patricia	Implementation and Assessment of a Wireless Network for Environmental Sensing
2008	CNAHS	Environmental Science	Qi	Feng	Analysis and Visulaization of Spatiotenporal Changes in Urban Landscape Pattern in
2008	CNAHS	Biology	Shebitz	Daniela	Investigatuing the Effectiveness of Restoration Methods in an Urban Greenspace
2008	NJCSTM	NJCSTM	Farnum	Edward	Improved Modeling of Mode-locked Lasers using Kean's Terascale Super-Computer
2007	CED	Early Childhood	Rosen	Dina	Impact of 21st Century Learning Tools on Young Children's Communication of Language, Science, and Mathematics Concepts
2007	CHSS	History	Nicholson	Brid	1919: The Year America Changed Forever: an Analysis of Fear
2007	CNAHS	Computer Science	Chang	George	PDA and Web-based Interfaces to Parrallel Computer
2007	CNAHS	Environmental Science	Croft	Paul	RECORDS for Prediction in New Jersey - Part 2
2007	CNAHS	Biology	Shebitz	Daniela	Forests Under Pressure: Urbanization Impacts on Union County Park Flora
2007	CNAHS	Biology	Teasdale	Brian	A Holistic Analysis of the the Ophiuroidea (Brittlestars) including Morphological and Phylogenetic Analysis of Three Brittlestar Genera
2007	CNAHS	Biology	Vassiliou	Evros	Benefits of Probiotic (friendly bacteria) on the Immune and Digestive Systems
2007	CVPA	Theater	Evans	Rachel	Building a Cycle of Play Development: Writing, Producing, and Publishing Original Plays for Young Audiences
2006	CED	Early Childhood	Rosen	Dina	Benefits and Challenges of Digital Stories as a Literacy Tool for Young Digital Natives
2006	CHSS	English	Sutton	Mark	Figures of Speech in Contemporary Music: A Rhetorical Analysis
2006	CNAHS	Biology	Codella	Sylvio	Impact of Social Insects on Biodiversity
2006	CNAHS	Environmental Science	Croft	Paul	Research and Examination of Convection Operationally with Real-time Data by Students for Prediction in New Jersey (RECORDS for Prediction in New Jersey)
2006	CNAHS	Biology	Porta	Angela	Characterization of Calbindin Knockout Mice and TRPV6 Calcium Channel Knockout Mice

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2006	CNAHS	Mathematics	Wang	Jiantian	Assessments for Some Existing Estimation Methods for Multivariate Survival Functions
2006	CVPA	Theater	Evans	Rachel	Creating Dramatic Literature for Children's Theatre: Writing an Original Play for Young Audiences
2005	CHSS	English	Chandler	Sarah	New Pedagogies for New Literacies: Integrating Insider Mindsets into College
2005	CHSS	History	Klein	Dennis	Applying History to Museum Development: The Jewish Museum of New Jersey
2005	CNAHS	Computer Science	Chang	George	Parallel Tree Matching for Scientific Pattern Matching Problems
2005	CNAHS	Biology	Codella	Sylvio	Anthropogenic Influences on Hymenopteran Biodiversity in an Urban Forest
2005	CNAHS	Biology	Pu	Rongsun	Analysis of CaM Kinase Function in Marine and Insect Brains
2004	CHSS	English	Chandler	Sarah	Composing Virtual Bridges: Collaborative Study of What Video Games Can Teach about Learning and Literacy
2004	CNAHS	Computer Science	Chang	George	The Design and Analysis of a Web-based Large Scientific Image Retrieval System
2004	CNAHS	Biology	Codella	Sylvio	Advanced Undergraduate Research in Insect Biodiversity
2004	CNAHS	Biology	Pu	Rongsun	A Continuing Investigation: Functional Analysis of CaM Kinase II in Plant and Mammalian Systems
2004	CNAHS	Chemistry	Shin	Yeung-Gyo	Origin of Fine-structure in Absorption Spectra of Cyanine Dyes
2004	CVPA	Graphic Design	Gonnella	Rose	Creative Thinking Processes