

CS Faculty with active external projects

Researcher	Role	Project Title	Funder	Start Date	End Date
Boloni, Dr. Ladislau	CoPI	RCTA FY2013 Task H8: Social Dynamics Modeling and Simulation	General Dynamics	6/3/13	4/15/14
Da Vitoria Lobo, Dr. Niels J	CoPI	Students Actualizing Talent at Education's Subsequent Stages (STATESS)	National Science Foundation (NSF)	1/1/10	12/31/13
Da Vitoria Lobo, Dr. Niels J	CoPI	REU Site: Research Experience for Undergraduates in Computer Vision	National Science Foundation (NSF)	4/1/12	4/30/15
Dechev, Dr. Damian	PI	SHF: Small: Collaborative Research: Programming Interface And Runtime For Self-Tuning Scalable C/C++ Data Structure	National Science Foundation (NSF)	6/1/12	5/31/15
Dechev, Dr. Damian	PI	Tools for Enabling Automated Simulator Validation: Automated profiling for tuning coarse-grain simulation	Sandia National Laboratories	5/15/13	5/14/14
Foroosh, Dr. Hassan	CoPI	RI: Small: Learning-Based Systems for Single-Image Photometric Reconstruction	National Science Foundation (NSF)	8/15/09	7/31/14
Foroosh, Dr. Hassan	CoPI	GOLD SALMON project	NASA Shared Services Center	10/14/11	9/17/13
Foroosh, Dr. Hassan	PI	Networked Immersive Technologies for Simulation and Training	Proactive Technologies, LLC	1/5/12	4/26/14
Foroosh, Dr. Hassan	CoPI	RI: Large: Collaborative Research: Reconstructive Recognition - Uniting statistical scene understanding and physics-based visual reasoning	National Science Foundation (NSF)	10/1/12	9/30/17
Foroosh, Dr. Hassan	PI	Airborne Multi-Sensor Visual Data Processing	Jackson Technologies, LLC	8/20/12	8/19/14

Foroosh, Dr. Hassan	PI	RF - SATOP	Space Alliance Technology Outreach Program	1/23/12	4/15/15
Foroosh, Dr. Hassan	PI	Adaptive Compressed Entropy Sensing (ACES): A breakthrough in Compressive Sensing	Naval Postgraduate School	6/19/13	6/18/14
Gonzalez, Dr. Avelino J	PI	Collaborative Research: Towards Lifelike Computer Interfaces that Learn	National Science Foundation (NSF)	2/15/07	1/31/14
Gonzalez, Dr. Avelino J	PI	REU Supplement to Collaborative Research: Towards Life-like Computer Interfaces that Learn	National Science Foundation (NSF)	6/5/08	1/31/14
Gonzalez, Dr. Avelino J	PI	Dependable Systems International Research and Educational Experience (DeSIRE2)	Embry-Riddle Aeronautical University	9/1/08	8/31/13
Gonzalez, Dr. Avelino J	CoPI	Engineering Global Leaders (FIPSE - Brazil)	US Department of Education	8/1/08	7/31/13
Gonzalez, Dr. Avelino J	PI	Supplement to NSF Towards Life-like Computer Interfaces that Learn	National Science Foundation (NSF)	9/18/09	1/31/14
Gonzalez, Dr. Avelino J	PI	IRES: U.S.-France Research and Education on Contextual Reasoning and its Application to Conversational Agents	National Science Foundation (NSF)	4/1/10	3/31/14
Gonzalez, Dr. Avelino J	CoPI	Engineering a New Global Environment (ENGE - FIPSE Atlantis)	US Department of Education	6/1/10	8/31/14
Gonzalez, Dr. Avelino J	PI	CRPA: Communicating Avatars: Artificial Intelligence + Computer Graphics = Innovative Science	National Science Foundation (NSF)	10/1/11	9/30/14
Gonzalez, Dr. Avelino J	PI	Engineering a New Global Environment (ENGE - FIPSE Atlantis)	US Department of Education	9/1/10	8/31/14
Gonzalez, Dr. Avelino J	PI	Engineering Global Leaders (FIPSE - Brazil)	US Department of Education	8/1/08	7/31/14

Hu, Dr. Haiyan	PI	BRIGE: Computational Identification of Gene Regulatory Networks in Microalgae	National Science Foundation (NSF)	8/15/11	7/31/14
Hu, Dr. Haiyan	PI	CAREER: A Computational Framework to Study Epigenetic Regulation	National Science Foundation (NSF)	6/1/12	5/31/17
Hua, Dr. Kien A	PI	ARRA NeTS: Small: Scalable Wireless Mesh Network Technology at the Edge for Efficient Mobile Video Data Access on Demand	National Science Foundation (NSF)	8/1/09	7/31/13
Hughes, Dr. Charles E	CoPI	Interconnections: Revisiting the Future	National Science Foundation (NSF)	9/1/09	8/31/14
Hughes, Dr. Charles E	PI	EAGER: Efficient control and transmission of digital puppetry	National Science Foundation (NSF)	9/1/10	8/31/13
Hughes, Dr. Charles E	CoPI	Research: Metaphor-Based Learning of Physics Concepts through Whole-Body Interaction in a Mixed Reality Science Center Exhibit	National Science Foundation (NSF)	9/1/11	8/31/14
Hughes, Dr. Charles E	CoPI	Journey Beyond the Fairs	National Endowment for the Humanities (NEH)	5/1/11	4/30/14
Hughes, Dr. Charles E	PI	SHB: Small: Collaborative Research: Reducing Alcohol Use Among College Students Using Virtual Role Playing	National Science Foundation (NSF)	9/1/11	8/31/14
Hughes, Dr. Charles E	CoPI	3D Display and Capture of Humans for Live-Virtual Training	Office of Naval Research	10/1/11	9/30/13
Hughes, Dr. Charles E	CoPI	A Physical-Virtual Human-Robot Interaction System for Training, Education and Rehabilitation	Office of Naval Research	7/10/12	12/31/13
Hughes, Dr. Charles E	PI	Collaborative Research: Arbor: Comparative Analysis Workflows for Tree of Life	University of Idaho	5/1/12	4/30/15

Hughes, Dr. Charles E	PI	IPA: Intergovernmental Personnel Act Agreement for Charles Hughes	US Department of Veterans Affairs	9/24/12	9/23/13
Hughes, Dr. Charles E	PI	Joint Urban Test Capability Design	Cole Engineering Services, Inc.	6/26/13	9/30/13
Hughes, Dr. Charles E	CoPI	RF: TeachLivE	New Schools Venture Fund	6/15/13	9/30/13
LaViola II, Dr. Joseph J	PI	CAREER: Mathematical Sketching: Pen-based Tools for Conceptual Understanding in Mathematics and Physics	National Science Foundation (NSF)	5/1/09	4/30/14
LaViola II, Dr. Joseph J	PI	Major: Enhancing Creativity and Authoring in STEM Education-Based Virtual Worlds through Concept-Oriented Design	National Science Foundation (NSF)	7/1/09	6/30/14
LaViola II, Dr. Joseph J	PI	REU Supplement to CAREER: Mathematical Sketching: Pen-based Tools for Conceptual Understanding in Mathematics and Physics	National Science Foundation (NSF)	5/1/09	4/30/14
LaViola II, Dr. Joseph J	PI	SHF: Large: A Working Set Approach to Integrated Development Environments	Brown University	8/1/10	7/31/14
LaViola II, Dr. Joseph J	PI	REU Supplement to Major: Enhancing Creativity and Authoring in STEM Education-Based Virtual Worlds through Concept-Oriented Design	National Science Foundation (NSF)	7/1/09	6/30/14
LaViola II, Dr. Joseph J	PI	Feasibility for the development of a physics, navigation, and meta gestures API for training, simulations, and entertainment	Jardon & Howard Technologies (JHT), Inc	6/28/12	12/31/12
LaViola II, Dr. Joseph J	PI	Naturalistic Operator Interface for Immersive Environments	Design Interactive, Inc.	3/26/13	8/22/13
LaViola II, Dr. Joseph J	PI	Dynamic 3D Stereo Visualization of Physics Concepts through a Hybrid Stylus Interface	Infinite Z, Inc.	12/1/12	8/31/13

LaViola II, Dr. Joseph J	PI	IPA: Extending Smart Home Technology for Cognitively Impaired Veterans to Delay Institutionalization (Part II)	James A. Haley Veterans' Hospital	4/8/13	9/30/13
LaViola II, Dr. Joseph J	PI	IPA: Healthcare Informatics, Implementation, Long Term Care and Aging	James A. Haley Veterans' Hospital	4/1/13	3/31/14
Leavens, Dr. Gary T.	PI	SHF: Small: Collaborative Research: Specification and Verification of Safety Critical Java	National Science Foundation (NSF)	7/15/09	6/30/14
Leavens, Dr. Gary T.	PI	SHF: Small: Collaborative Research: Specification Language Foundations for Modular Reasoning Methodologies	National Science Foundation (NSF)	8/1/09	7/31/14
Leavens, Dr. Gary T.	PI	SHF: Small: Collaborative Research: Balancing Expressiveness and Modular Reasoning for Aspect-Oriented Programming	National Science Foundation (NSF)	8/15/10	7/31/14
Leavens, Dr. Gary T.	PI	TWC: Medium: Collaborative: Flexible and Practical Information Flow Assurance for Mobile Apps	National Science Foundation (NSF)	8/1/12	7/31/15
Orooji, Dr. Ali	PI	RF - Computer Programming Team	Eustace-Kwan Family Foundation	8/1/08	4/15/15
Orooji, Dr. Ali	CoPI	Software Development Educational Pathway	National Science Foundation (NSF)	7/1/10	6/30/14
Orooji, Dr. Ali	PI	Property Management System - Guest Tracking Module	Walt Disney World Co.	2/22/12	12/31/13
Pattanaik, Dr. Sumanta N	PI	CGV: Medium: Collaborative Research: A Unified Approach to Material Appearance Modeling	National Science Foundation (NSF)	6/1/11	5/31/15
Pattanaik, Dr. Sumanta N	PI	DoD STTR Phase 2: Innovative Application of Urban ISR Imagery for High Fidelity Training Devices	CG2, Inc.	8/11/11	8/30/13
Shah, Dr. Mubarak A	PI	RF: Consumer Video Indexing	Eastman Kodak Company	10/1/06	4/15/16

Shah, Dr. Mubarak A	PI	Taming Crowded Visual Scenes	US Army Research Office	5/12/09	5/11/14
Shah, Dr. Mubarak A	PI	Students Actualizing Talent at Education's Subsequent Stages (STATESS)	National Science Foundation (NSF)	1/1/10	12/31/13
Shah, Dr. Mubarak A	PI	Sarnoff: Content Extraction for IARPA Aladdin Program	Sarnoff Corporation	2/17/11	2/28/14
Shah, Dr. Mubarak A	PI	RF-Video Action Recognition in SLIPstream	Intel Corporation	7/20/10	4/15/14
Shah, Dr. Mubarak A	PI	REU Site: Research Experience for Undergraduates in Computer Vision	National Science Foundation (NSF)	4/1/12	4/30/15
Shah, Dr. Mubarak A	PI	Video Analytic Integration	Chenega Federal Systems, LLC	10/1/11	12/31/13
Shah, Dr. Mubarak A	PI	Geo-localization of Points and Regions in Images by Pixel level 3D Position Estimation	National Geospatial- Intelligence Agency Academic Research Program (NARP)	1/1/13	12/31/14
Stanley, Dr. Kenneth	PI	RF - Stanley Research Support	Dr. M.C. Bailey	3/3/08	4/15/16
Stanley, Dr. Kenneth	PI	RF - Stanley Research Support	The Global Institute for Scientific Thinking	3/3/08	4/15/16
Stanley, Dr. Kenneth	PI	RF - Stanley Research Support	Toyota InfoTechnology Center Co, Ltd.	3/3/08	4/15/16
Stanley, Dr. Kenneth	PI	RF - Stanley Research Support	Xtructure	3/3/08	4/15/16
Stanley, Dr. Kenneth	PI	Pilot: Assisted Musical Composition through Functional Scaffolding	National Science Foundation (NSF)	8/15/10	7/31/14
Stanley, Dr. Kenneth	PI	Training a Multiagent Hive Brain for Coordinated UGV Opertions (4.4.2)	US Army Research Office	9/15/11	12/14/13

Stanley, Dr. Kenneth	CoPI	Hardware-Assisted Large-Scale Neuroevolution for Multiagent Learning	DOD	8/21/12	8/20/13
Sukthankar, Dr. Gita Reese	PI	ARRA CAREER: Modeling Group Dynamics in Multi-agent Systems	National Science Foundation (NSF)	7/1/09	6/30/14
Sukthankar, Dr. Gita Reese	PI	Crowdsourcing the Anticipatory Analysis of Human Movement	Defense Advanced Research Projects Agency (DARPA)	1/30/13	1/29/14
Tappen, Dr. Marshall	PI	RI: Small: Learning-Based Systems for Single-Image Photometric Reconstruction	National Science Foundation (NSF)	8/15/09	7/31/14
Tappen, Dr. Marshall	CoPI	EAGER: Efficient control and transmission of digital puppetry	National Science Foundation (NSF)	9/1/10	8/31/13
Tappen, Dr. Marshall	PI	RI: Large: Collaborative Research: Reconstructive Recognition - Uniting statistical scene understanding and physics-based visual reasoning	National Science Foundation (NSF)	10/1/12	9/30/17
Wingrave, Dr. Chadwick A	CoPI	Major: Enhancing Creativity and Authoring in STEM Education-Based Virtual Worlds through Concept-Oriented Design	National Science Foundation (NSF)	7/1/09	6/30/14
Wocjan, Pawel	PI	CAREER: Algebraic Approach to the Design of Novel Quantum Algorithms	National Science Foundation (NSF)	2/1/08	1/31/14
Zhang, Dr. Shaojie	PI	Identification, Discovery, and Public Archiving of RNA Structural Motifs	National Institutes of Health (NIH)	9/1/12	8/31/15