

The College of New Jersey -- Mentored Undergraduate Summer Experience (MUSE) -- 2010 Directory

<i>School</i>	<i>Dept</i>	<i>Faculty Name</i>	<i>E-mail</i>	<i>Student Name</i>	<i>Student E-mail</i>	<i>Project Title</i>
A&C	Comm	Susan Ryan	ryan@tcnj.edu	Donnoli, Nick	donnoli2@tcnj.edu	Chambersburg Video Project
A&C	Music	Teresa Nakra	nakra@tcnj.edu	Song, Timothy	song3@tcnj.edu	Statistical Analysis and Information Retrieval on Boston Symphony Orchestra Data Set
A&C	Music	Ralph Russell	rrussell@tcnj.edu	Composto, Francesco Smith, Rachel	compost2@tcnj.edu smith283@tcnj.edu	William Grant Still's Suite for Violin and Piano and Folk Suite No. 4: A Blending of Classical Music and African American and Latin American Folk Traditions
BUS	Econ	Donka Mirtcheva	mirtchev@tcnj.edu	Ortu, Andrea Vitale, Meaghan	ortu2@tcnj.edu vitale7@tcnj.edu	Food Stamps and Obesity: An Economic Perspective
BUS	Econ	Subarna Samanta	ssamanta@tcnj.edu	Japa, Daniel	japa2@tcnj.edu	House Prices and Its Impact on the Economy: A Cross-Country Analysis
BUS	Fin	Susan Hume	hume@tcnj.edu	Gadda, Stephen Anthony	gadda2@tcnj.edu	Changes in Microfinance after the Global Financial Meltdown: What Models Can Explain Performance?
BUS	Fin	Linghui (Lynn) Tang	tang@tcnj.edu	Okrend, Michael	okrend2@tcnj.edu	Outward FDI from China to the United States: A historic comparison with Japan
BUS	Fin	Andrew Carver	carver@tcnj.edu	Gesualdo, Joseph	gesuald4@tcnj.edu	An Options-Based Approach to Modeling Operational Flexibility
BUS	Mgmt	Susanna Monseau	monseau@tcnj.edu	Falcone, Nicholas Turner, Matthew	falcon23@tcnj.edu turner22@tcnj.edu	The Application of the Law to Social Media
CS	AAS/ English	Piper Kendrix Williams	williamp@tcnj.edu	Botti, Adriana	botti5@tcnj.edu	Tracing the Trope of 'Epiphanal Blackness' in African American Literature
CS	English	Emily Meixner	meixner@tcnj.edu	Ondrof, Katherine	ondrof3@tcnj.edu	Approaches for Addressing Sexual Identity and Gender Variance in the Secondary English/Language Arts Classroom: An examination of English Journal, 1969-2010
CS	English	Lisa M. Ortiz-Vilarelle	ortiz@tcnj.edu	Gonzalez, Ivonne Kraver, Stephanie	gonzal36@tcnj.edu kraver2@tcnj.edu	Autobiography and Autocracy: Latina Autobiography and Latin American Dictatorships
CS	Psych	Tamra Bireta	tbireta@tcnj.edu	Fine, Hope	fine2@tcnj.edu	Attention and Memory Functioning in Younger and Older Adults
CS	Psych	He Len Chung	chung@tcnj.edu	Docherty, Meagan	dochert2@tcnj.edu	Strategies to Increase Civic Engagement Among Emerging Adults in Trenton, NJ
CS	SocAnth	Diane Bates	bates@tcnj.edu	Torres, Stephanie	torres34@tcnj.edu	Manuscript Preparation for a Social History of an Amazonian Colonization Zone
ED	Spec Ed	Nadya Pancsofar	pancsofa@tcnj.edu	Minervini, Gabrielle	minervi3@tcnj.edu	Exploring the collaborative teaching experiences of educators in New Jersey: A pilot study
ENG	EC-Eng	Brett BuSha	busha@tcnj.edu	Sutaria, Sagar	sutaria2@tcnj.edu	A computational stochastic model of breathing embedded with fractal-like scaling
ENG	M-Eng	Lisa Grega	grega@tcnj.edu	Moy, Winston Talarico, David	moy5@tcnj.edu talaric6@tcnj.edu	Dispersion of Saccate Pollen: Wind Tunnel Experiments of Pollen Dispersion in Turbulent Flows
ENG	M-Eng	Constance Hall	chall@tcnj.edu	Shah, Bhumi	shah57@tcnj.edu	The Impact of Physical Forces in Flowing Blood on Homeostasis and Thrombosis

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School	Dept	Faculty Name	E-mail	Student Name	Student E-mail	Project Title
ENG	M-Eng	Manish Paliwal	paliwal@tcnj.edu	Abbruzzese, Kevin	abbruzz2@tcnj.edu	Investigation of the Effect of Cement Viscosity on Functional Loading Micromechanics at the Stem-cement and Cement-bone Interface in Total Knee Replacement using Digital Image Correlation Investigation of soft-tissue mechanics using digital image correlation
				O'Laughlin, Richard	olaugh12@tcnj.edu	
				Lee, Daniel	lee62@tcnj.edu	
ENG	M-Eng	Jennifer Wang	jwang@tcnj.edu	Geuther, Brian	geuther2@tcnj.edu	Swarm Intelligence Based Multirobot Systems
ENG	M-Eng	Karen Chang Yan	yan@tcnj.edu	McMullin, Erin	mcmulli2@tcnj.edu	Study of Heart Tissue Damage via Dynamic Heart Phantom and MRI and Biopolymer Tissue Scaffold Degradation
				McDonough, Mary Kate	mcdonou4@tcnj.edu	
NHES	Nursing	Tami Jakubowski	jakubows@tcnj.edu	Moore, Caitlin	moore58@tcnj.edu	Planning Measurement of Health Behavior Change
		Stacen Keating	keatings@tcnj.edu	Davies, Denise	davies9@tcnj.edu	Qualitative Analysis of Student Facilitator Assessments
		Kathleen Philbin	philbin@tcnj.edu	Harth, Jillian	harth3@tcnj.edu	Curriculum for Student Facilitators of Health Behavior Change
		Ralph Spiga	ralphspiga@mns.com	Feldman, Nicole	feldman9@tcnj.edu	Impact Analysis of Health Behavior Change Program
Young, Jessica	young44@tcnj.edu					
SCI	Biology	Luke Butler	lbutler@tcnj.edu	Deering, Camille	deering2@tcnj.edu	Feather Replacement and Feather Quality in Carolina Chickadees of the Northern Pine Barrens
				Wang, Michael	wang29@tcnj.edu	
SCI	Biology	Jeffrey Erickson	erickson@tcnj.edu	Conte, Samantha	conte22@tcnj.edu	Exploration of the Pet-1 Mouse as an Animal Model for Sudden Infant Death Syndrome (SIDS)
				Delatour, Laurie	delatou2@tcnj.edu	
SCI	Biology	Darrell Killian	killian@tcnj.edu	Kim, Julia	kim47@tcnj.edu	The Genetic Regulation of Cell Death Specification in <i>Caenorhabditis elegans</i> : tra-5 and sm138
				Gold, Colin	gold3@tcnj.edu	
SCI	Biology	Tracy Kress	kress@tcnj.edu	Mitchell, Daniel	mitche42@tcnj.edu	Investigating the Coordination of Multiple Steps in Gene Expression
				Scaduto, Christine	scaduto2@tcnj.edu	
SCI	Biology	Donald Lovett	lovet@tcnj.edu	Askander, Teresa	askande2@tcnj.edu	1) Gene Expression Modulation in Blue Crabs in Response to Changes in Seawater Salinity. 2)Modification of the Na ⁺ , K ⁺ - ATPase Enzyme Protein in Blue Crabs Exposed to Changes in Seawater Salinity
				Markowski, Danny	markows6@tcnj.edu	
				Sarhan, Joe	sarhan2@tcnj.edu	
SCI	Biology	Janet Morrison	morrisja@tcnj.edu	Parmar, Rawinder	parmar3@tcnj.edu	Genetic Variation in Populations of Wild Plant Pathogens
SCI	Biology	Sudhir Nayak	nayak@tcnj.edu	Bushi, Sharon	bushi2@tcnj.edu	Regulation of the GLD-1 Germ Line Tumor Suppressor in <i>Caenorhabditis elegans</i> (<i>C. elegans</i>)
				DeGenova, Sarah	degenov2@tcnj.edu	
SCI	Biology	Marcia O'Connell	moconnel@tcnj.edu	Poulose, Michael	poulose2@tcnj.edu	An Analysis of the Zebrafish Squid-like Genes in Zebrafish: Roles and Regulation
				Sheth, Maunil	sheth4@tcnj.edu	
SCI	Biology	Leeann Thornton	thornton@tcnj.edu	Salmon, Kelly	salmon3@tcnj.edu	Genetic and Biochemical Analysis of Cytochrome P450 Protein that Regulate Plant Growth
SCI	Biology	Matthew Wund	wundm@tcnj.edu	Schiels, Kaitlyn	schiels2@tcnj.edu	Stickelback Fish Evolution
				Way, Greg	way2@tcnj.edu	

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SCI	Chem	Heba Abourahma	abourahm@tcnj.edu	Cocuzza, Devon	cocuzza4@tcnj.edu	a. Cocrystals as a Means to Control Polymorphism in Active Pharmaceutical Ingredients
				Urban, Jennifer	urban3@tcnj.edu	b. Assessing the Stability of Cocrystals of Active Pharmaceutical Ingredients
SCI	Chem	John Allison	allison@tcnj.edu	Belloff, Lauren	belloff3@tcnj.edu	Presumptive Drug Testing- Defining a Logical Method for Creating Future Tests, and Designing a Specific Method for the Detection of <i>Salvia divinorum</i>
				Malin, Alexandra	malin2@tcnj.edu	
SCI	Chem	Michelle Bunagan	bunagan@tcnj.edu	Martinez Alcaraz, Emmanuel	marti222@tcnj.edu	Using Fluorescence Correlation Spectroscopy to Monitor Protein Conformational Dynamics
				Baker, Lindsay	baker37@tcnj.edu	
				Huang, Grace	huang7@tcnj.edu	Understanding the Effect of Ionic Liquids on the Folding and Conformation of Peptides
SCI	Chem	Benny Chan	chan@tcnj.edu	Edwards, Valisha	edward32@tcnj.edu	The Synthesis and Characterization of Superconducting and Nanostructured Materials
				Kita, Matthew	kita5@tcnj.edu	
				Wehrhan, Sarah	wehrhan2@tcnj.edu	Building Block Approach to New Thermoelectric Materials
SCI	Chem	David Hunt	hunt@tcnj.edu	VanGelder, Kelsey	vangeld2@tcnj.edu	Organic Synthesis: A Novel Total Synthesis of Isopestacin
SCI	Chem	Stephanie Sen	sen@tcnj.edu	Jacob, Reshma	jacob4@tcnj.edu	Defining the Structural Differences Between Type 1 and Type 2 Insect FPPSs
SCI	Physics	Nathan Magee	magee@tcnj.edu	Lenehan, John	lenehan2@tcnj.edu	Dual-phased Experimental Investigations in Cloud Microphysics
				Spector, Kayla	spector4@tcnj.edu	
				Grippaldi, Joe	grippal2@tcnj.edu	Design of Cold Chamber In-situ Capabilities for Ellipsometry of Ice Thin Film Deposition
AC, CS, SCI	CompSci	Monisha Pulimood	pulimood@tcnj.edu	Sabino, Siobhan	sabino3@tcnj.edu	NSF-funded project: Broadening Participation in Computing via Community Journalism (Interactive Journalism Institute for Middle Schoolers)
	CompSci	Ursula Wolz	wolz@tcnj.edu	Hallberg, Chris	hallber2@tcnj.edu	
	English	Kim Pearson	kpearson@tcnj.edu	Taylor, Brett	taylor44@tcnj.edu	
				Brockenbrough, Chelsey	brocken4@tcnj.edu	
				Milazzo, Michael	milazzo2@tcnj.edu	