

The College of New Jersey -- Mentored Undergraduate Summer Experience (MUSE) -- 2009 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	Art	Anita Allyn	allyn@tcnj.edu	Napolitano, Colleen	napolit6@tcnj.edu	Public Art Project: Representing Creativity of TCNJ Schools & Departments
A&C	Gallery	Sara Cunningham	cunningh@tcnj.edu	Christiaens, Karin	christi8@tcnj.edu	Inherited Traits Exhibition
A&C	Music	James Day	day@tcnj.edu	Dogas, Nicholas Highcock, Ian	dogas2@tcnj.edu highcoc2@tcnj.edu	Gottfried Weber's <i>Gitarrenlieder</i> :Realizations of Aesthetic and Cognitive Theories
A&C	Music	Susan Guerrini	guerrini@tcnj.edu	Esrig, Jessica Luyben, Charity	esrig2@tcnj.edu luyben2@tcnj.edu	Investigating the Listening and Singing Skills of High School Students
BUS	Econ	Susan Hume	hume@tcnj.edu	Ludlow, Bill	ludlow2@tcnj.edu	The Power of Underwriters on Stock Sales in India and China
BUS	Econ	Donka Mirtcheva	mirtchev@tcnj.edu	Rivera, Marcelo	rivera42@tcnj.edu	Religion and Health in the U.S.: An Economic Perspective
BUS	Econ	Michele Naples	naples@tcnj.edu	Aslam, Zarah	aslam2@tcnj.edu	Macroeconomic Policy Contributors to Business Failures: a Panel Analysis
CS	AfAm St	Winnifred Brown-Glaude	wbrown@tcnj.edu	Graubart, JoLynn	stein8@tcnj.edu	Race and Ethnicity in the Caribbean: A Critical Introduction
CS	English	Glenn Steinberg	gsteinbe@tcnj.edu	Engel, Adam	engel4@tcnj.edu	The Pure Well Head of Poesie?: Chaucer, Spenser, an Lydgate
CS	English	Kim Pearson	kpearson@tcnj.edu	Plasket, Kelli Milazzo, Michael	plasket2@tcnj.edu milazzo2@tcnj.edu	Computational Journalism and Civic Engagement
CS	Psych	He Len Chung	chung@tcnj.edu	Pierre, Cynthia	pierre3@tcnj.edu	Understanding Civic Engagement among Emerging Adults in Urban Communities
CS	Psych	Jason Dahling	dahling@tcnj.edu	Neyman, Daniel	neyman2@tcnj.edu	Psychological Entitlement, Job Expectations, and Career Exploration
CS	Psych	Chu Kim-Prieto	kim@tcnj.edu	Lamm, Michael Marciante, Mia	lamm2@tcnj.edu marcian5@tcnj.edu	Pride and Prejudice: Correlates of Emotion and Behavior
CS	Psych	Tamra Bireta	tbireta@tcnj.edu	Diana, Stacey	diana2@tcnj.edu	Comparing Memory Functioning in Younger and Older Adults
CS	SocAnth	Diane Bates	bates@tcnj.edu	Gutierrez, Angelika	gut ierr9@tcnj.edu	Demographic and Land Use Changes and Their Implication for Carbon Mitigation Schemes in the Ecuadorian Amazon
CS	WGST	Janet Gray	gray@tcnj.edu	Sullivan, Leigh Wroblesky, Tamra	sulliv27@tcnj.edu wrobles2@tcnj.edu	Feminist Geographies: Theory, Methods, Application

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ED	Deaf Ed	Barbara Strassman	strassma@tcnj.edu	MacDonald, Hillary Wanko, Lindsay	macdona6@tcnj.edu wanko3@tcnj.edu	Classifying Online Captioned Television Documentaries for Use as an Instructional Tool to Teach Deaf/Hard of Hearing Adolescents Writing
ENG	EC-Eng	Brett Busha	busha@tcnj.edu	Olaloye, Oluwabunmi Sutaria, Sagar Rotella, Michele	olaloye3@tcnj.edu sutaria2@tcnj.edu rotella4@tcnj.edu	1) Human Testing of an Orthotic, Assistive Exoskeleton for the Hand; 2) Quantification of Cardio-Respiratory Control
ENG	M-Eng	Lisa Grega	grega@tcnj.edu	Shah, Bhumi Talarico, David	shah57@tcnj.edu talaric6@tcnj.edu	Dispersion of Saccate Pollen with Application to Non-spherical Textured Particulates
ENG	M-Eng	Jennifer Wang	jwang@tcnj.edu	Brigandi, Sean Field, Jennifer	brigand3@tcnj.edu field3@tcnj.edu	The Cooperation of Multi-robot Systems using Swarm Intelligence
ENG	M-Eng	Manish Paliwal	paliwal@tcnj.edu	Eric Rohrs	rohrrs2@tcnj.edu	Evaluation of the Effect of Cement Viscosity on Cement Mantle in Total Knee Arthroplasty
ENG	M-Eng	Karen Chang Yan	yan@tcnj.edu	Swift, Maria Paluch, Kamila	swift4@tcnj.edu paluch2@tcnj.edu	Study of Biopolymer Tissue Scaffold Degradation and Mechanical Force-Induced Cell Damage
ENG	TechSt	Matthew Cathell	cathell@tcnj.edu	Brunner, Adam	brunner5@tcnj.edu	Design Investigation of Algae Photobioreactor for use in Secondary Education Classrooms
NHES	ExSci	Nicholas Ratamess	ratamess@tcnj.edu	Chiarello, Christina Sacco, Anthony	chiarel2@tcnj.edu sacco2@tcnj.edu	1) The Effects of Resistance Exercise Rest Interval Length Manipulation on Exercise Kinetics and Kinematics: A Gender Comparison; 2) The Influence of Maximal Muscle Strength on Acute Resistance Exercise Performance Using Different Rest Intervals
NHES	Nursing	Kathleen Philbin	philbin@tcnj.edu	Chen, Steven Lane, Sarah Licci, Joseph Salgado, Yvette Stress, Andrea Waldron, Leah Camposano, Lauren Williams, Renauld Quispalaya, Evelyn	chen36@tcnj.edu lane8@tcnj.edu licci2@tcnj.edu salgado2@tcnj.edu stress2@tcnj.edu waldron4@tcnj.edu camposa4@tcnj.edu willi226@tcnj.edu quispil2@tcnj.edu	Effects of NICU Care on Preterm Infant Physiology, Growth, and Hospital Cost

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SCI	Biology	Curt Elderkin	elderkin@tcnj.edu	Zetterstrom, Cara	zeters3@tcnj.edu	Conservation Genetics of Freshwater Mussels
				Goldstein, Zach	goldste7@tcnj.edu	
SCI	Biology	Jeffrey Erickson	erickson@tcnj.edu	Middleton, Sarah	middlet4@tcnj.edu	1) Continued Studies of Nicotine Influences on Autoreuscitation Responses to Hypoxia-induced Apnea in Serotonin-deficient <i>Pet-1</i> Knockout Mice;
				Reichard, Emily	reichar2@tcnj.edu	2) Gene Dosing and Maternal Behavior: Is There a Heterozygous Phenotype in the <i>Pet-1</i> Mouse Strain?
SCI	Biology	Howard Reinert	hreinert@tcnj.edu	Jackrel, Sara	jackrel3@tcnj.edu	Habitat Characteristics of the Pine Snake (<i>Pituophis m. melanoleucus</i>)
				O'Keefe, Kimberly	okeefe3@tcnj.edu	
SCI	Biology	Donald Lovett	lovettt@tcnj.edu	Kaufer, Michael	kauferr3@tcnj.edu	1) Modulation of Gene Expression in Blue Crabs in Response to Changes in Seawater Salinity;
				Markowski, Danny	markows6@tcnj.edu	2) Post-translational Modification of the Enzyme Na ⁺ , K ⁺ - ATPase in Blue Crabs Exposed to Changes in Seawater Salinity
SCI	Biology	Marcia O'Connell	moconnel@tcnj.edu	Muca, Vilma	muca2@tcnj.edu	An Analysis of the Two <i>zsqa</i> Genes in Zebrafish: Roles and Regulation
				Firnberg, Maytal	firnber2@tcnj.edu	
SCI	Biology	Janet Morrison	morrisja@tcnj.edu	Harth, Jacquelyn	harth2@tcnj.edu	Populations of Plants and Their Pathogens in the Wild
				Fraze, Lauren	fraze2@tcnj.edu	
SCI	Biology	Sudhir Nayak	nayak@tcnj.edu	Fang, Christina	fang2@tcnj.edu	Analysis of GLD-1 Protein Turnover Rate in the <i>Caenorhabditis elegans</i> (<i>C. elegans</i>) germ line
				King, Dana	king29@tcnj.edu	
				Fiaschi, Michela	fiaschi2@tcnj.edu	
SCI	Biology	Keith Pecor	pecor@tcnj.edu	Deering, Camille	deering2@tcnj.edu	Crayfish Ecology
SCI	Chem	Heba Abourahma	abourahm@tcnj.edu	Cocuzza, Devon	cocuzza4@tcnj.edu	1) Polymorphism in Organic Crystals and its Potential Impact on Pharmaceutical Compounds;
				Urban, Jennifer	urban3@tcnj.edu	2) Co-crystallization as a Strategy to Improving the Physical Properties of Active Pharmaceutical Ingredients
SCI	Chem	John Allison	allison@tcnj.edu	Panaccione, Danielle	panacci2@tcnj.edu	New Research in Forensic Chemistry
				Pyle, Robyn	pyle3@tcnj.edu	
				Goodwin, David	goodwind@lafayette.edu	
SCI	Chem	Michelle Bunagan	bunagan@tcnj.edu	Murray, Leigh	murray37@tcnj.edu	Using Ionic Liquids to Modulate the Free Energy of Folding of Secondary Structure Formation
				Schmidt, Karson	schmid23@tcnj.edu	

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SCI	Chem	Benny Chan	chan@tcnj.edu	Green, Tom	green27@tcnj.edu	Synthesis and Characterization of Novel Materials with Interesting Properties
				Wehrhan, Sarah	wehrhan2@tcnj.edu	
				Edwards, Valisha	edward32@tcnj.edu	
SCI	Chem	Donald Hirsh	hirsh@tcnj.edu	McCracken, Joselle	mccrack4@tcnj.edu	Phosphorescence of DNA-bound Terbium: 1) Attenuation and Enhancement via Exchange Interactions;
				Brinton, Christopher	brinton2@tcnj.edu	2) Ligand-binding Detected via Changes in Decay Rate
				Smith, Marielle	smith254@tcnj.edu	
SCI	Chem	David Hunt	hunt@tcnj.edu	VanGelder, Kelsey	vangeld2@tcnj.edu	1) A Convergent Synthesis of (±) Isopestacin;
				Wood, Lyndsay	wood23@tcnj.edu	2) The Synthesis of Small Molecule Proteasome Inhibitors
SCI	Chem	Stephanie Sen	sen@tcnj.edu	Macor, Joseph	macor3@tcnj.edu	Making Safer and More Selective Insecticides Based on Juvenile Hormone Metabolism
				Jacob, Reshma	jacob4@tcnj.edu	
				Tomasello, Ashley	tomasel5@tcnj.edu	
SCI	CompSci	Monisha Pulimood	pulimood@tcnj.edu	Julius Reyes	reyes23@tcnj.edu	Collaborative Environments For the Next Generation
				Timothy Sanders	sanders9@tcnj.edu	
SCI	CompSci	Ursula Wolz	wolz@tcnj.edu	Taylor, Brett	taylor44@tcnj.edu	Collaborative Models of Computational Thinking
				Hallberg, Chris	hallber2@tcnj.edu	
SCI	Math	Andrew Clifford	cliffan@tcnj.edu	Davis, Matthew	davis68@tcnj.edu	The Structure of Rank Two Subgroups of Free Groups
SCI	Physics	Margaret Benoit	benoit@tcnj.edu	Liszewski, Kelly	liszews2@tcnj.edu	Has Subduction Ended in Northern Italy? A 3-D Tomographic Investigation of the Upper Mantle Beneath Tuscany
				Torpey, Megan	torpey3@tcnj.edu	
SCI	Physics	Nathan Magee	magee@tcnj.edu	Lin, Cindy	lin8@tcnj.edu	Sublimation of Electrostatically Levitated Ice Crystals at Low Temperatures