

University of Rochester Student Presenters at NCUR

2001-2007

2007 National Conference on Undergraduate Research

Dominican University of California, San Rafael, CA

Student	Advisor	Department	Title
Ali, Ferhina	Huxlin, Krystal and Nordeen, Ernest	Biology	Long-term neurogenesis after visual cortical injury in the adult cat
Brown, Colin	Meguid, Bonnie	Political Science	Ethnic conflict in democracies: applying theories of protest and violence to ethnopolitics
Carey, Amanda	Poreda, Robert	Geology	The effect of coal-fired power plant emissions and fly ash on a regional watershed
Castro, Michael	Olivares, Beth	Political Science	Political culture in Colombia and Ecuador: an insight into economic performance evaluation and free trade agreements
Figueredo, Oscar	Jorgenson, Beth	Modern Languages and Cultures	The <i>Indigenista</i> novel and nationalism in 20 th century Peru: toward a re-definition and re-presentation of Peruvian national identity
Gedzior, Anna	Rogge, Ron	Psychology	How do couples really fight? Validation of an implicit measure of relationship communication
Gorski, Justin	Plunkett, Robert (Univ. of Buffalo)	Biology	The effect of estradiol on apoptotic and proliferative indices in a model of glioblastoma multiforme
Herrera, Oscar	Alonso, Miguel	Optics	Representation of rays and waves in convex cavities in terms of angle and impact parameter

Janda, Alena	Wedekind, Joseph	Biochemistry	Activity and structural characterization of human APOBEC3G
Lerman, Yelena	Turner, Douglas	Biophysics	Structure and thermodynamics of an RNA internal loop from <i>bombyx mori</i> R2 retrotransposon
Lerman, Yelena	Bren, Kara	Biochemistry	Protein stability: urea-induced versus guanidine-induced unfolding of ferricytochrome c
Noble, Erin	Marquis, Robert	Microbiology	ATP synthase activities of <i>streptococcus mutans</i> in suspensions and biofilms
O'Dell, Ryan	Schieber, Marc	Neuroscience	Operant conditioning of neuromuscular connections in the primate motor hand representation
Point DuJour, Joseph	Opanashuk, Lisa	Toxicology	The arylhydrocarbon receptor and dioxin exposure influence hippocampal neurogenesis in adult mice
Robertson, Jena	Rogge, Ron	Psychology	Breaking up is hard to do: a longitudinal approach to predicting distress following romantic relationship dissolution
Romasco, Summer	Niu, Greta	Film Studies	Conflated representations: biographical pictures and postmodernism
Schanz, Steven	Goldman, Steven	Neuroscience	Remyelination with fetal oligodendrocyte progenitor cells increases survival of shiverer mice
Scherrer, Elizabeth	McFarland, Kevin	Physics	Electron scattering and pion production in relation to neutrino-nucleon interactions
Serafini, John	Zhong, Jianhui	Imaging Sciences	Analysis of noise in magnetic resonance diffusion tensor imaging
Stadolnik, Joseph	Niu, Greta	Asian Studies	Of gestures and generations: physically speaking in Asian America
Sylvester, Nicole Miya	Pribble, Ethan	Studio Arts and Mathematics	Origami
Webster, Jordan	McFarland, Kevin	Physics	Detection and analysis of cosmic ray showers

2006 National Conference on Undergraduate Research

University of North Carolina, Asheville, NC

Student	Advisor	Department	Title
Coone, Caroline	Niu, Greta	English	Welcoming Women's Wisdom: Chinese American Memoirs
Morris, Kara	McFarland, Kevin	Physics	Characteristics of muons in atmospheric showers
Point DuJour, Joseph	Opanashuk, Lisa	Environmental Medicine	Nanoparticle effects are depending on neural differentiation state
Porterfield, Laura	Tucker, Jeffrey	English	Written or Sung? Spirituals as persisting oral traditions embedded in African American written texts
Sommers, Crosby	Pearce, David	Ctr. Aging and Dev. Bio; URMC	Oxidative Stress in Batten Disease
Tschamler, Jillian	Halterman, Jill	General Pediatrics	Child height and weight: how reliable is parent recall?

2005 National Conference on Undergraduate Research

Washington and Lee University and Virginia Military Institute

Student	Advisor	Department	Title
Dolen, James	Demina, Regina	Physics	Simulation of ttbar Events as a Background for the ttH at the Compact Muon Solenoid Experiment
Franco, Vanessa	Schieber, Marc	Neurobiology	Mistakes in Communication between the Brain and Muscles
Kleckner, Ian	McFarland, Kevin	Physics	Calculating the Magnetic Moment of Cosmic-Ray Muons
Logan, Erika	Warren, Jack	Biology	Calculating Copulations: Mate Choice in Nasonia
Thomas, Katelyn	Mruzek, Daniel	Psychology	Relaxation Training for the Treatment of Anxiety in Children with High-functioning Autism
Weingarten, Tom	Schubert, Lenharg	Computer Science	A Monte Carlo Algorithm for Approximating Bayesian Inference Using Pulse Trains

2003 National Conference on Undergraduate Research

The University of Utah

Student	Advisor	Department	Title
Aligene, Kathy	Segal, Benjamin	Microbiology and Immunology	Analysis Of A Protective Anti-Glioma Immune Response: Immunohistological Characteristics And The Role Of Nk Cells
Altekar, Gautam	Dwarkadas, Sandhya	Computer Science	Parallel Metropolis-Coupled Markov Chain Monte Carlo For Bayesian Phylogenetic Inference

Bogun, Magdalena	Schieber, Marc	Neurology and Anatomy	The Activity Of Primary Motor Cortex During Finger Movement Tasks In Monkeys
Carter, J. R.	Sinclair-Chapman, Valeria	Political Science	The Challenges Blacks Face When Running For The United States Senate
Cheng, Ke	Sia, Elaine	Biology	Searching For Protein Interactors Of Msh1p, A Yeast Mitochondrial Mismatch Repair Protein
Deshpande, Priya	Haber, Suzanne	Pharmacol. & Phys.	Serotonergic Regulation Of Dopaminergic Outputs In The Primate Substantia Nigra
Faden, Dara	Ryan, Richard	Clinical & Soc. Psy.	Relationships And Well Being In Young Women
Fitzpatrick, Stephanie	Poper, Charlene	Psych-Health&Soc	Quality Of Care Perspectives: Reflections On Doctor-Patient Interactions In Faith Based Communities
Gondarenko, Alex	Stroud, Carlos	Optics	The Shape Of An Atom
Gresham, Kelly	Wu, Wenhao	Physics	Fabrication And Characterization Of Electrochemically Deposited Nanorods
Hughey, Rebecca	Waugh, Richard	Biomed. Engineering	Embryonic Red Cell Differentiation
Kim, Grace	Deci, Ed	Psychology	The Costs Of Perceived Parental Conditional Regard: How It Affects Views Of Self And Romantic Relationships
Liobe, John	Margala, Martin	Elec. & Comp. Engin.	Low-Power Analog-To-Digital Converter Design For Bluetooth Applications
McCrossan, Erin	Peck, Russell	English	Cinderella Romance Novels
Mrakovic, Frank Sternberg, Ben	Funkenbush, Paul	Mechanical Engineering	Effects Of Fluid Jet Polishing On Optical Surfaces
O'Kane, Allyson	Mitra, Gautam	Earth & Environ Sci.	Large Scale Surficial Rock Movement: Landsliding Or Normal Faulting?
Otto, Sarah	Homerin, Th. Emil	Religion & Classics	The Phenomenon Of The Guru And The Consequences Of Spiritual Authority In The Hare Krishnas

Putnam, Nicole	Williams, David	Optics	The Fixational Stability Of The Human Eye Measured By Imaging The Cone Mosaic
Williams, Jennifer	Huxlin, Krystal	Brain & Cog. Sci.	Visual Recovery After Adult Cortical Lesions: Role Of Visual Retraining And Possible Neural Substrates
Zuberi, Saba	Wolfs, Frank	Physics	Timing Properties Of T0 Detectors At Phobos

2002 National Conference on Undergraduate Research

University of Wisconsin, Whitewater April 25-27, 2002

Student	Advisor	Department	Title
Barlow, Brian	Richfield, Eric	Neuropathology	Selective Dithiocarbamates Increase Synaptosomal Dopamine Content and Correlate with Potentiation of MPTP and Paraquat Toxicity
Dhadialla, Prabhjot	Hueslsenbeck, John	Biology	Estimating Ancestral States at the Tips of Phylogenetic Trees: A Comparison of Statistical Models
Eaton, Julie	Yackel, Carolyn	Mathematics Indiana University	Properties of the Annihilator of A Quotient Polynomial Ring
Elshatory, Yasser	Pearce, David	Aging & Develop. Bio	Two-Hybrid Analysis of CLN Proteins 3,5 & 8: Searching for Clues to Protein Function
Kalburgi, Sonal	Pryhuber, Gloria	Pediatrics & Env. Med.	Regulation of Tumor Necrosis Factor- α Receptor Associated Factor in Murine Cells in Response to TNF- α and Hyperoxia
Lippert, Peter	Tarduno, John	EES	Magnetostratigraphy of the Early Cretaceous Sverdrup Basin (Canadian Arctic): Implications for the nature of short term Valanginian glacial episodes
McMurdy, John	Berger, Andrew	Optics	Rhabdomyolysis diagnosis by Raman Spectroscopy
Milo, Lawrence	Bowers, William	Neurology	Development of an HSV Amplicon-Based Vaccine for Alzheimer's Disease

Meyer, Sara	Davies, Patrick	Clin. & Soc. Psy.	The Interplay Between Family Instability, Parental Communication Patterns, and Preschool Children's Family Representations
Niemiec, Christopher	Brown, Kirk	Clin. & Soc. Psy.	Outcomes of Humanistic Therapy in an Academic Setting
Peters, Monique	Mosher, Bryan	Mathematics Univ. of Michigan	Exploring Groups using their Cayley Graphs and Automatic Structures
Putnam, Nicole	Novotny, Lukas	Optics	Measuring Short Pulses with a \$0.15 Diode
Sharma, Kavita	McConnochie, K.	Pediatrics	Telemedicine: A Solution to Reducing the Burden of Illness in Daycare
Shifflet, Allison	Villalobos, Alice	Env. Med.	The effect of salicylic acid on the choroid plexus
Skomial, Lukasz	Miller, Rita	Biology	Temperature Sensitive Alleles of KAR9
Tremblay, Matthew	Joseph, Shirley	Neurosurgery	Status Epilepticus Induced Cell Proliferation In The Adult Rat Hippocampus

2001 National Conference on Undergraduate Research

University of Kentucky, March 15-17, 2001

Student	Advisor	Department	Title
Babalola, Omotunde	Waugh, Richard	Biomedical Engineering	Validation of a Single Cell Labeling Protocol
Bakas, Yoel	Maurer, Calvin	Neurosurgery/ Computer Science	"Image Guided Neurosurgery Optically Tracked A-mode Ultrasound System"
Folkes, Paula	Johnson, James	Political Science	"The Establishment of Religion"
Forney, Zebulen	Pawlicki, Ted	Computer Science	"Astroflow: The Cosmic Events Simulator"
Jacobson, Mark	Marquis, Robert Sherman, Fred	Microbiology/ Biochemistry	"The Feasibility of a Yeast Solution to the Oil Pollution Problem?"
Lavine, Kory	Goldfarb, David (UR) Finley, Russell	Biology	Genetic Analysis of Protein Domains and Networks Using Dominant Acting Agents

	(Wayne State)		
Lewis, Emily	Hansen, Ronald	Simon School	"The Modern Pharmaceutical Industry: Direct-to-Consumer Advertising and American Social Wellness":
Loos, Kristin	Rogers, Mark	Anthropology	"In their Own Words: Pregnant Women and the Success of Urban Prenatal Health Care Sites"
Marshall, Lisa	Rothberg, Lewis	Chemistry	"Photoacoustic Method for Quantum Yield Determination without a Standard"
Montesano, Joan	Ji, Shanyu	Mathematics/ University of Houston	"Properties of the Analytical Degree for Algebraic Functions"
Pudusseri, Lisa	Frame, Mary D.	Anesthesiology	"Arteriolar Network Flow Patterns with 20% Changes in Cardiac Index?"
Randy, Matthew	Walsh, David	History & Art/Art History	Emain Macha: Mythical Capital Yet Archeological Treasure
Rulison, Kelly	Levesque, Chantal	Clinical and Social Psychology	"Teaching Assistants' Motivation Orientation and Effect on Students' Performance, Intrinsic Motivation, and Long-term Conceptual Understanding Illustrated by their Students"
Ruschak, Amy	Turner, Douglas	Chemistry	"Determining the Secondary Structure of the 3' UTR of R2"
Seligman, Amy	Bennetto, Loisa	Clinical and Social Sciences in Psychology	"Creativity in the Narratives of Adolescents with Autism"
Sharma, Kavita	Olschowka, John	Neurology and Anatomy	"Stereological Assessment of Gene Therapy Packaging Systems in CNS"
Shimoji, Shineo	Reynolds, Paul R.	Center for Oral Biology	"Identification and Characterization of Novel UDP-GalNAc:polypeptide N-Acetylgalactosaminyltransferase (ppGaNTase)"
Stephens, LaFleur	Wolkoff, Michael	Economics	"Economic Revitalization: Who Bears the Burden?"
Tan, Andrew	Holtzman, David A.	Brain and Cognitive Science	"The NMDA Antagonist MK-801 Affects Spatial Learning Behavior in the Corn Snake"
Tan, Jonathan	Miesfeld, Roger L.	Biochemistry and Molecular Biophysics	"Expression Profiling of Seven Genes Identified by Microarray as Glucocorticoid Regulated"
Wright, Karl	Hudson, Larry	History	"African-American Westward Migration 1865-1905"

