

## **UURAF WINNERS 2006**

### **ORALS**

<b>Category</b>	<b>Prize</b>	<b>Presenter</b>	<b>Title of Presentation</b>
Food, Agriculture and Environmental Sciences			
	First	Victoria M. Hekman	Bacterial Kidney Disease as a Potential Threat to Salmonid Populations in Michigan
	Merit	Rachel K. Edwards	Healing Fish: Evaluation and an Analysis of a MSU Extension Outdoor Education Program
Biochemistry			
	First	Anjali Rohatgi	Computational Screening of Sigma Aldrich and NCI Compounds to Discover Inhibitors of Brugia Malayi Asparaginyl- tRNA Synthetase
	Merit	Hugh J. Crosmun	Simulations and Normal-Mode Analysis of MutS and its Homologs
Business & Communication Arts			
	First	Danielle E. Lab	The Effect of Sensation Seeking Levels on Responses to Fear Appeals
	Merit	Elaina M. Swartzlander	Exceeding Expectations: Early Development of Liquid Consonants in Young African American Speakers
Cell Biology & Microbiology			
	First	Brittany L. Gregory	Glycogen Storage Disease Type IIIa in Curly Coated Retrievers
	Merit	Judy T. Murphy	Changes in Macrophage Gene Expression Caused by Two Subspecies of Mycobacterium
Engineering & Math			
	First	Michael A. Lowe	Dual Coating Deposition of Defect-Free Boron Doped Diamond

	Merit	Regina Visocchi	The Isoperimetric Problem in the Gauss Plane
Humanities			
	First	Leah R. Karchin	An Exploration in How Guided Developmental Stages Make Better Three-Dimensional and Two-Dimensional Artists
	Merit	Linda J. Cook	Mean Reds and Melancholy Expressed in Samuel Taylor Coleridge's Poetry
	Merit	Katherine M. Lewis	The Iconography of Melancholia
Molecular Biology			
	First	Nathan D. Lord	Isolation of Gcn5-Containing Transcriptional Coactivator Complexes from Arabidopsis and Tomato
	Merit	Steffany M. Kerkstra	Cloning and Expression of LRRK2 Domains in Mammalian Cells
	Merit	Lindsay B. Baker	Haplotype Analysis of the Gamma-Actin 3' Untranslated Region
Social Sciences 1			
	First	Joy H. Wang	Wind Power in China: Social Acceptability and Development of a Domestic Manufacturing Industry
	Merit	Shanti A. Zaid	Orula in the Land of the Dead: Regla de Ifá, Palo Mayombe, and Cross-Religious Practice in Oriente Cuba
	Merit	Mikhila Humbad	Dangers of the "Model Minority" Myth: How Positive Stereotypes and Acculturation can Affect Asian Americans' Test Performance
Social Sciences 2			
	First	Edward A. Witt	Extending the Benefits of Written Emotional Expression to an On-line Environment
	Merit	Katrina M. Lawrence	Role of Sport Participation and Physical Education on Physical Activity
	Merit	Andrew A. Cooper	Promotion of Disfluency in Syntactic Parallelism

## POSTERS

Category	Prize	Presenter	Title of Presentation
Agriculture and Natural resources			
	First	Christopher J. Pell	Mortality Rate and Feeding Habits of Emerald Ash Borer on Privet Leaves Compared to Green Ash
	Merit	Alissa M. Berro	Abundance of Native and Non-Native Coccinellidae in Diverse Michigan Habitats
Biochemistry 1			
	First	Michaela A. TerAvest	Protein Purification for Antibody Production; Detecting RcaE
	Merit	Alison M. Harris	The Expression and Purification of the Alternative Splicing Factor/ Splicing Factor 2 Protein
Biochemistry 2			
	First	Monica Markovski	Folding Studies of the Type II Secretion Protein, EpsG, of Vibrio Cholerae
	Merit	Farid Nossoni	Probing the Effect of Hydrophobic Mutations in the Retinal Binding of CRABP II Mutants
Business and Communication Arts			
	First	Katerina J. French, Megan E. Sutton, Tracy K. Tuyn	Comparison of Four Methods for Obtaining Measures of Diadochokinetic Rate
	Merit	Samantha A. Munday	Using Speech Act Theory to Understand Memorable Messages about Breast Cancer
Cell Biology			
	First	Samuel S. Pappas	Selective Neurotoxin Induced Lesions of Spinal Cord Dopamine Neurons as a Model for Restless Legs Syndrome
	Merit	Zafar A. Sayed	Differential Distribution of Diencephalic and Mesencephalic Dopamine Neurons

			in MPTP Treated Murine Models of Parkinson's Disease: Unbiased Stereological Analysis
	Merit	Michelle A. Gilmer	Characterization of the Roc Domain from LRRK2
Engineering & Math			
	First	Bryan Reemmer	Switch Register Board
	Merit	Charles A. Otto	High Performance Three-Dimensional Face Recognition
Humanities			
	First	Andrew Sewick	Discourse and Embedding in Spanish
	Merit	Emily M. Tobin	The Tokyo Ibunkitan
Microbiology			
	First	Erin F. Miller Laurel M. Lindemann	Effects of HrpA Mutations on Type III Secretion By the Plant Pathogen <i>Pseudomonas Syringae</i>
	Merit	Tiffany J. Dickerson Jamie M. Perrault	Genetic Analysis of Protein-Protein Interactions of <i>Vibrio Cholerae</i> EpsG in Type II Secretion
Molecular Biology			
	First	Theresa M. Eagle	Heparin Attenuates Acetaminophen-Induced Hepatotoxicity in Mice
	Merit	Bryan D. Mets	Sprouty-2 Expression Plays a Role in the Malignant Transformation of Human Fibroblast Cells by H-Ras Oncogene
	Merit	James R. Doroghazi	Curcumin Inhibits Immediate Early Gene Expression During Herpes Simplex Virus Infection
Physical Sciences			
	First	Melinda A. Ewald	Two-Photon Induced Emission From Silver Nanoparticle Aggregates on Thin Films and in Solution.
	Merit	Kurtis L. Geerlings William M. Martinez	Wavelet Analysis of Giant Resonances
	Merit	Michael A. Schecter	Optimizing Energy Site Sequences for a Qubit Chain
Social			

Sciences 1			
	First	Laura A. Boucher	Are We Really That Dumb?: The Effect of Question Wording on Predicted Emotions
	Merit	Michelle A. Rublinlicht	Is it a Cynic's World?: A Meta-Analysis Examining Change in College Students' Belief in a Just World from 1975 to 2005
	Merit	Elizabeth S. Hingst	The Adolescent Development of the Vasopressin-Producing Cells that Regulate Aggressive Behavior in Male Syrian Hamsters
	Merit	Brett A. Guth	Effects of Disfluency Placement and Severity on Comprehension of Garden-Path Sentences
Social Sciences 2			
	First	Dan Atkinson	Parenting Practices and Parent-Child Relationships as Predictors of Negative Outcomes in Juvenile Delinquents
	Merit	Katerina French	Realization of Plural Morphology in Mexican-Spanish and Chilean-Spanish: Implications for Comprehension and Acquisition
	Merit	Haritha Reddy	Individual Differences in Susceptibility to Belief Bias in Reasoning