#### **2016 UURAF Award Winners**

Congratulations to the 2016 UURAF Award Winners. Approximately 850 undergraduate students participated in this year's Forum. First Place Award recipients will receive \$100 each. Grand Prize recipients receive \$500 each.

#### **Grand Prize Winners:**

- Humanities, Social Sciences, & Communication Arts & Sciences: Kelley Waterfall & Maria Braganini, "Faces of Flint"
- Science, Mathematics, & Engineering: Diego Crespo, "The Physiochemical and Nutritional Evaluation of the Fast Cooking Andean Bean (Phaseolus vulgaris L.) from Three Regions in Tanzania"

#### **ARTS & LETTERS**

Category	Туре	Student(s)	Project
Humanities & Performing Arts – Section 1	Oral	Ryan Duda	THE POWER OF CREATIVITY: THEATRE AND THE INTELLECTUALLY
			DISABLED COMMUNITY
Humanities & Performing Arts – Section 2	Oral	Harbir Brar	UNINTENDED CONSEQUENCES
Humanities and Performing Arts – Section 1	Poster	Kenzie Carpenter	ASSISTANT SCENE DESIGNER FOR MISS TEEN AT STAGES REPERTORY
			THEATRE
Humanities and Performing Arts – Section 2	Poster	Kenzie Carpenter	LIGHTS AND MAKEUP
Humanities and Performing Arts – Section 3	Poster	Sal Antonucci and Jacob	LITERARY NEUROSCIENCE: UNDERSTANDING THE NATURE OF
		Frazier	AESTHETIC PLEASURE
Linguistics, Languages and Speech-Section 1	Poster	Jacob Nitzkin	SECOND FORMAT TRANSITIONS IN STUTTERING PERSISTENCE AND
			RECOVERY
Linguistics, Languages and Speech-Section 2	Poster	Alexa Meier	GENDER DIFFERENCES IN YOUNG CHILDREN'S NARRATIVE
			LANGUAGE DEVELOPMENT
Linguistics, Languages and Speech-Section 3	Poster	Kyle Latack, Julie	WHAT MAKES A LATE-TALKER? AN INVESTIGATION OF GET, PUT,
		Andary, Bethany	AND MAKE IN THE SPEECH OF LATE-TALKERS AND TYPICALLY
		Dickerson, and	DEVELOPING CHILDREN
		Catherine Seibert	

#### **AGRICULTURE, FOOD & ENVIRONMENTAL SCIENCES**

Category	Туре	Student(s)	Project
Assignations Q Assignat Colones Continued	Oral		MECHANICAL PROPERTIES OF BLACK, GREY, AND WHITE HOOF
Agriculture & Animal Science-Section 1		Anna Makela	MATERIAL OF SHEEP
Agricultura & Agricul Colones Costion 2	Oral	Hannah Dewald	CHARACTERIZING THE EFFECTS OF BOVINE LEUKEMIA VIRUS ON THE
Agriculture & Animal Science-Section 2			IMMUNE RESPONSE OF INFECTED COWS
Agriculture & Animal Science-Section 1	Poster	Maria Cotter	CALIBRATION AND ACCURACY OF THE RISING PLATE METER IN
Agriculture & Allilliai Science-Section 1			CHATHAM, MICHIGAN

Agriculture & Animal Science-Section 2	Poster	Dominic Aluia	MICROBIAL ABUNDANCE AND DIVERSITY IN GROUNDWATERS NEAR TRAVERSE CITY, MICHIGAN
Agriculture & Animal Science-Section 3	Poster	Elizabeth Lytle	USING SOUND RECORDINGS TO OBTAIN INSTANTANEOUS HABITAT- SPECIFIC ESTIMATES OF BIRD SPECIES DIVERSITY IN INDONESIA AND MALAYSIAN BORNEO
Agriculture & Animal Science-Section 4	Poster	Catherine Kelly	ROLE OF RNA-BINDING LOTUS DOMAINS IN TUDOR DOMAIN CONTAINING 7 (TDRD7) FUNCTION
Agriculture & Animal Science-Section 5	Poster	Kimberly Christie	THE EFFECTS OF INCREASING SURFACE AREA ON THE GROWTH OF MICROORGANISMS AS A FOOD SOURCE FOR MOSQUITO LARVAE
Environmental Sci & Natural Resources-Section 1	Oral	Diego Crespo	THE PHYSIOCHEMICAL AND NUTRITIONAL EVALUATION OF FAST COOKING DRY BEAN (PHASEOLUS VULGARIS L.) GENOTYPES GROWN IN THREE LOCATIONS IN TANZANIA
Environmental Sci & Natural Resources-Section 1	Poster	Linh Dao	DEVELOPING AND CHARACTERIZING GELS WITH ANTIMICROBIAL CAPACITY FOR FOOD PACKAGING APPLICATIONS
Environmental Sci & Natural Resources-Section 2	Poster	Krista De Cooke	THE EFFECT OF PLANT MUTUALISTS ON POLLINATOR VISITATION IN CHAMAECRISTA FASCICULATA UNDER A GLOBAL WARMING SIMULATION
Environmental Sci & Natural Resources-Section 3	Poster	Lidia Komondy	THE EFFECT OF BORDER HABITATS ON PREDATION OF A KEY PEST
Environmental Sci & Natural Resources-Section 4	Poster	Amanda Godar	SOLUBLE NON REACTIVE PHOSPHORUS REMOVAL USING CERAMIC NANOMATERIALS
Food Science & Human Nutrition-Section 1	Poster	Johnathan Harrison	ANTIMICROBIAL COATING FOR FOOD PACKAGING
Food Science & Human Nutrition-Section 2	Poster	Kelly Valentini	CHARACTERIZATION OF FATTY ACID AND MINERAL COMPOSITION OF SELECTED SEEDS, NUTS AND OILS IN TANZANIA
Plant Sciences- Section 1	Poster	Logan Brissette	DOES ANTICIPATED GLOBAL WARMING ALTER THE MUTUALISMS BETWEEN THE LEGUME PLANT PARTRIDGE PEA (CHAMAECRISTA FASCICULATES), THEIR SOIL BACTERIA (RHIZOBIA SPP), AND THE ANTS THAT PROTECT THEM FROM HERBIVORY?
Plant Sciences- Section 2	Poster	Magie Williams	NONSENSE & RUBBISH: IDENTIFYING ROLES OF NONSENSE-MEDIATED MRNA DECAY IN PLANTS
Plant Sciences- Section 3	Poster	Kasey Pham	SPECIMENS AT THE CENTER: A TOOLKIT FOR THE SPECIMEN-LEVEL ANALYSIS OF GENE DATABASE DATA
Plant Sciences- Section 4	Poster	Meg Kargul	THE EFFECTS OF HABITAT FRAGMENTATION ON HERBIVORY AND GROWTH OF CARPHEPHORUS BELLIDIFOLIUS

## **BUSINESS**

Category	Туре	Student(s)	Project
Business	Oral	Garrett Chamberlain and Taylor Norris	NOVICES IN THE STOCK MARKET: AN EMOTION FREE APPROACH TO MANAGING STOCK INVESTMENT
Business-Section 1	Poster	Lauren Fish, Abigail Andrejek, Kelsey Cross, and Max Spam	CREATING A SUCCESSFUL STOCK PORTFOLIO WHEN INVESTING INTERNATIONALLY
Business-Section 2	Poster	Theodora McKinney	BRAND DAMAGE AND CONSUMER TRENDS CAUSED FROM FOODBORNE ILLNESSES

### **COMMUNICATION ARTS & SCIENCES**

Category	Туре	Student(s)	Project
	Oral	Madeline Carino	BIAS BUSTERS
Communication Arts & Sciences			
	Poster	Jack Nissen	REPORTING UNCERTAINTY: A CASE STUDY ON THE "WHAT IFS" OF
Communication Arts & Sciences-Section 1			EL NIÑO
	Poster	Sabrina Hirsch, Shell	AGNÈS FILMS AND THE #FAVWOMANFILMMAKER CAMPAIGN
		Little, Sarah Shaw, and	
Communication Arts & Sciences-Section 2		Lindsey Spitzley	
	Poster		VERBAL WORKING MEMORY AND SEMANTIC PROCESSING IN
		Katelan Saunders and	YOUNG CHILDREN
Communication Arts & Sciences-Section 3		Valerie Rose	
	Poster		BIRDS OF A FEATHER PERFORM TOGETHER: A DATA SCIENCE
		Nygel Sejismundo and	STUDY OF THE INHIBITING ROLE OF TEAM DIVERSITY ON PROJECT
Communication Arts & Sciences-Section 4		Amar Amin	SUCCESS
	Poster		VIDEO GAME A11Y
		Tommy Truong and	
Communication Arts & Sciences-Section 5		Chris Frey	
	Oral	Maria Braganini and	FLINTH2O
		Kelley Waterfall	
Digital Media-Section 1			
	Oral		FOCAL POINT
Digital Media-Section 2		Madeline Carino	

## **EDUCATION**

Category	Туре	Student(s)	Project
Education-Section 1	Oral	Emma Dunn	THE INFLUENCE OF EXPLICIT TEACHING ON THE ACQUISITION OF
			FRENCH LIAISONS
Education-Section 2	Oral	Alexandria Mazur	INTERVIEWS PROVIDE INSIGHT ABOUT BIOLOGY STUDENT LEARNING
			CHALLENGES UNDERSTANDING TRANSCRIPTION
Education-Section 1	Poster	Noah Julyk	USING DRAWINGS TO CHARACTERIZE HOW STUDENTS' REPRESENT
			GENETICS CONCEPTS.
Education-Section 2	Poster	Erin Prim	TURNING PEDAGOGY INTO PRACTICE: USING CHILDREN'S
			LITERATURE TO ENGAGE MULTILINGUAL COLLEGE WRITERS
Education-Section 3	Poster	Jacob Herwaldt	STUDENT ENGAGEMENT AND DESIRE TO COMPLETE ACTIVITIES IN
			SCIENCE CLASSES
Education-Section 4	Poster	Andrew Jurasek	TEACHERS' ACTIVE ENGAGEMENT IN SOCIAL MEDIA: A COMPARISON
			OF NETWORK INTERACTIONS ACROSS PHYSICAL AND VIRTUAL
			SPACES
Kinesiology- Section 1	Poster	Lauren Kosowski	THE RELATIONSHIP BETWEEN ACADEMIC SUCCESS AND ONE-YEAR
			OF GROUP FITNESS AND INTRAMURAL SPORTS USAGE BY
			NEIGHBORHOOD RESIDENTS
Kinesiology- Section 2	Poster	Steven Maier	EXPLORING UNMEDIATED LEARNING BEHAVIORS OF SWIM COACHES
Kinesiology- Section 3	Poster	Sonny Metoki, Derek	OBSTACLES AND ROLES IN TEAM SUCCESS
		Hart, and Madeline	
		Keller	

# **ENGINEERING, COMPUTER SCIENCE, & MATHEMATICS**

Category	Type	Student(s)	Project
Engineering, Computer Science, & Math -	Poster	Andrew Stamm	INVESTIGATING HIGH VELOCITY IMPACT ON FAN CASINGS
Section 1			
Engineering, Computer Science, & Math -	Poster	Lindsay Nault	STIFFNESS OF SOFT TISSUE IN THE GLUTEUS AND THIGH REGIONS
Section 2			
Engineering, Computer Science, & Math -	Poster	Jill Check and Sarah	PRELIMINARY ENGINEERING REPORT OF ZOOLOGICAL WASTE
Section 3		Kramer	MANAGEMENT PRACTICES
Engineering, Computer Science, & Math -	Poster	Kelly Patterson	MODELING SKIN BLOOD PERFUSION: A STUDY FOR VENOUS ULCERS
Section 4			
Engineering, Computer Science, & Math -	Poster	Michael Bigelow and	GAS PHASE SYNTHESIS OF GALLIUM NITRIDE NANOCRYSTALS
Section 5		Branton Toback	
Engineering, Computer Science, & Math -	Poster	Bradley Doherty	UML MODELING FOR VISUALLY IMPAIRED PERSONS
Section 6			

## **HEALTH SCIENCES (Nursing)**

Category	Туре	Student(s)	Project
Epidemiology & Public Health	Oral	Mitch Distin	DEATH AS A FUNCTION OF EVOLUTION
Epidemiology & Public Health- Section 1	Poster	Sumaira Hai and Abigail	BROSELOW TAPE ACCURACY IN PEDIATRIC PERUVIAN POPULATION
		Maynard	
Epidemiology & Public Health- Section 2	Poster	Katie Nurenberg	USING HADDON'S INJURY MATRIX TO IDENTIFY PREVENTION
			STRATEGIES FOR BULLYING IN NURSING HOMES
Epidemiology & Public Health- Section 3	Poster	Matthew Peters	EPIDEMIOLOGICAL ANALYSIS OF CONFIRMED SHIGA TOXIN-
			PRODUCING E. COLI (STEC) O157:H7 CASES IN FOUR MICHIGAN
			HOSPITALS, 2007-2014

### **NATURAL & PHYSICAL SCIENCES**

Category	Туре	Student(s)	Project
Biochemistry & Molecular Biology-Section 1	Oral		ECOLOGICAL TRAP MECHANISMS IN ESCHERICHIA COLI AS A
		Rachel Sullivan	METHOD TO PARASITE EXTINCTION
Biochemistry & Molecular Biology-Section 2	Oral		SUPPLEMENTATION WITH DIETARY EPA/DHA INFLUENCES RED
		Emily Davidson	BLOOD CELL FATTY ACID DESATURASE ESTIMATES AND REFLECTS
			TISSUE CHANGES IN FATTY ACIDS IN SYSTEMIC ORGANS
Biochemistry & Molecular Biology-Section 1	Poster		VARIATION OF ACYLSUGAR ACYLTRANSFERASE FUNCTION IN THE
		Abigail Miller	SYNTHESIS OF AN INSECT DEFENSE COMPOUND: ACYLSUGARS
Biochemistry & Molecular Biology-Section 2	Poster		THE EFFECT OF CHANGING CATION CONCENTRATION OF THE
		Ben Miller	FUNCTION OF THE HAIRPIN RIBOZYME
Biochemistry & Molecular Biology-Section 3	Poster	Donna Liebelt	THE ABILITY OF RE-LOCALIZED CCME TO MATURE CYTOCHROMES IN
			THE CYTOPLASM OF E. COLI
		&	
		Juilanne Streukens	NOVEL MODES OF GENOME TARGETING BY THE RETINOBLASTOMA
		(tie)	TUMOR SUPPRESSOR FAMILY
Biochemistry & Molecular Biology-Section 4	Poster	Kiera Fisher	THE ROLE OF DIABETES-INDUCED CHANGES IN EXOSOMAL MIRNA IN
			THE PATHOGENESIS OF DIABETIC RETINOPATHY
Cell Biology, Genetics, & Genomics-Section 1	Poster		MLK3 REGULATION OF INVASION-ASSOCIATED GENES IN TRIPLE
		Brandon Llewellyn	NEGATIVE BREAST CANCER
Cell Biology, Genetics, & Genomics-Section 2	Poster	Frances Greathouse	EFFECT OF DIETARY FAT ON REGULATORY T CELL RECRUITMENT IN
			BALB/C TIP30-/- MICE
Cell Biology, Genetics, & Genomics-Section 3	Poster	Ryan Hook	HOW DOES ESTROGEN PLUS PROGESTIN HORMONAL THERAPY
			INCREASE BREAST CANCER RISK?
Cell Biology, Genetics, & Genomics-Section 4	Poster		ASSOCIATION BETWEEN ELEVATED SHIGA-TOXIN PRODUCTION AND
		David Knupp	PRESENCE OF A LAMBDOID-PROPHAGE IN ESCHERICHIA COLI
			0157:H7

Integrative and Organismal Biology-Section 1	Poster	Leanne Chambers	MASS MORTALITY, MASS MATING, MASS MOLTING OR JUST A
			MASS? INTERPRETATION OF A FOSSIL ASSEMBLAGE FROM THE
			MIDDLE CAMBRIAN BURGESS SHALE, BRITISH COLUMBIA, CANADA
Integrative and Organismal Biology-Section 2	Poster	Marisa Spain	EVALUATING HATCHING SUCCESS AND DEVELOPMENTAL
			ABNORMALITIES OF SNAPPING TURTLE (CHELYDRA SERPENTINA)
			HATCHLINGS IN RELATION TO ENVIRONMENTAL FACTORS
Integrative and Organismal Biology-Section 3	Poster		THE EFFECTS OF INTRASPECIFIC COMPETITION ON AGGRESSIVE
		Kylie Ayers	BEHAVIORS IN MALE THOMSON'S GAZELLES
Microbiology, Immunology & Infectious	Poster	Nabila Khan	PRODUCING FERMENTATION PRODUCTS: A WAY TO REDUCE
Disease-Section 1			METHANE AND FEED OTHER ORGANISMS
Microbiology, Immunology & Infectious	Poster	Linda Lay	INHIBITION OF MYCOBACTERIUM SMEGMATIS GROWTH BY
Disease, Section 2			FUNCTIONALIZED MAGNETIC NANOPARTICLES
Microbiology, Immunology & Infectious	Poster	Ashley Raedy	ENDOPLASMIC RETICULUM AMINOPEPTIDASE-1 GENE IMPORTANT
Disease, Section 3			IN PRODUCTION OF IL-18 TO PROTECT COLITIS-INDUCED MICE
Microbiology, Immunology & Infectious	Poster	Alexander Ruhs	GROWTH EFFICIENCY OF THE EASTERN TREE-HOLE MOSQUITO,
Disease, Section 4			AEDES TRISERIATUS, WHEN NUTRIENTS AND TEMPERATURE VARY
Microbiology, Immunology & Infectious	Poster	Thilo Hamlischer	CHARACTERIZATION OF A MUTANT STRAIN OF GEOBACTER
Disease, Section 5			SULFURREDUCENS ADAPTED FOR IMPROVED LACTATE UTILIZATION
			IN A MICROBIAL CONSORTIUM IN GLYCEROL FED MICROBIAL
			ELECTROCHEMICAL CELLS.
Microbiology, Immunology & Infectious	Poster	James Chen	DETERMINING IF PAIN IS ASSOCIATED WITH DEVELOPMENT OF
Disease, Section 6			SPONTANEOUS AUTOIMMUNE PERIPHERAL POLYNEUROPATHY IN A
			MOUSE MODEL
Microbiology, Immunology & Infectious	Poster	Laura Hesse	GENETIC FACTORS CONTRIBUTING TO THE FORMATION OF
Disease, Section 7			ANTIBIOTIC RESISTANT SMALL COLONY VARIANTS IN
			STAPHYLOCOCCUS AUREUS
Neuroscience	Oral	Olivia Barth	NIGRAL NEUROINFLAMMATION AND DEGENERATION AS A RESULT
			OF ALPHA SYNUCLEIN PREFORMED FIBRILS
Neuroscience-Section 1	Poster	Sara Goidy	ENVIRONMENTAL LIGHTING CONDITION MODULATES
			HYPOTHALAMIC OREXINERGIC ACTIVITY
Neuroscience-Section 2	Poster	Kylie Smith	UNCOVERING THE P300: A LOW-COST APPROACH TO RECORDING
			EVENT-RELATED POTENTIALS
Neuroscience-Section 3	Poster	Alexander Wolf	ENHANCING MESENCHYMAL STEM CELL HOMING TO GLIOMA USING
			A HYPOXIC MIMETIC PRETREATMENT
Neuroscience-Section 4	Poster	Hannah Batchelor	NEUROTENSIN-RECEPTOR-1 NEURONS IN THE VENTRAL TEGMENTAL
			AREA CONTROL DOPAMINE-MEDIATED BEHAVIOR AND BODY
			WEIGHT.
Physical Sciences	Oral	Christopher Jones	IMAGE ANALYSIS OF GAMMA-RAY SKY-MAPS
Physical Sciences-Section 1	Poster	Bodaniel Bradley	ETHIOPIAN FLOOD BASALTS: INSIGHT TO EVOLUTION AND DEATH OF
			A MAGMA PLUMBING SYSTEM

Physical Sciences-Section 2	Poster	Tyler Holmes	SHORT ERUPTIONS, BIG IMPLICATIONS: INTERMITTENT EXPLOSIVE
			VOLCANISM OF THE ETHIOPIAN PLATEAU
Physical Sciences-Section 3	Poster	Benjamin Heriford	SYNTHESIS OF PROTEASOME REGULATORS FOR THE TREATMENT OF
			NEURODEGENERATIVE DISEASES
Toxicology-Section 1	Poster	Lindsay Hannah	EFFECTS OF PRENATAL EXPOSURE TO BISPHENOL-A ON TISSUE
			SPECIFIC INSULIN RESISTANCE

# **SOCIAL SCIENCES**

Category	Type	Student(s)	Project
Anthropology-Section 1	Poster	Joshua Schnell	GOING DIGITAL: THE 3D DIGITIZATION OF BIOARCHAEOLOGICAL
			SKELETAL COLLECTIONS AND GEOMETRIC MORPHOMETRIC 3D
			SHAPE ANALYSIS
Anthropology-Section 2	Poster	Leah Auchter	A NEW METHOD FOR SUBADULT AGE ESTIMATION OF SKELETAL
			REMAINS IN A MEDIEVAL NUBIAN POPULATION
Global and Area Studies-Section 1	Oral		THE CUBAN INTERNET
		Tim Giessner	
Global and Area Studies-Section 2	Oral	Sohela Suri	SHARED SUFFERING: A STUDY ON THE EFFECTS, ON SIKH MEN, OF
			POST-9/11 RACIALIZATION OF BROWN MEN IN THE US
History, Political Science and Economics	Oral	Cody Schulz	THE RESOURCE CURSE, STATE-LED DEVELOPMENT, AND PATRONAL
			POLITICSECONOMIC DIVERSIFICATION AND IN POST-SOVIET
			AZERBAIJAN
History, Political Science and Economics-	Poster	Marissa Jacks	PROPAGANDA USED BY THE CHARLESTON COURIER DURING THE
Section 1			CIVIL WAR
History, Political Science and Economics-	Poster	Christopher Bailey	AN OVERVIEW AND THE MAIN DRIVERS OF GENTRIFICATION IN THE
Section 2			OLD HAVANA DISTRICT OF HAVANA, CUBA
Psychology-Section 1	Poster		FIXED AND FUSED FRESHMAN: THE ROLE OF COGNITIVE FUSION IN
		Courtney Callahan	THE RELATIONSHIP BETWEEN MINDSETS AND ANXIETY
Psychology-Section 2	Poster	Paige Suttles	LONGITUDINAL STUDY OF INSIGHT AND SYMPTOMATIC
			CORRELATIONS OF FIRST-EPISODE SCHIZOPHRENIA PATIENTS
Psychology-Section 3	Poster	Ryan Gifford and	HEDONIC HALLUCINATIONS IN A MOUSE MODEL OF
		Marley Bright	NEUROPSYCHIATRIC ILLNESS
Psychology-Section 4	Poster		GENDER AS A MODERATOR OF FAMILY TRANSMISSION OF
		Amanda Kilgore	PSYCHOPATHOLOGY
Psychology-Section 5	Poster		THE EFFECTS OF B-VITAMINS AND CAFFEINE ON COGNITIVE
		Kelsey Pagorek and	FUNCTION
		Trusha Patel	
Psychology-Section 6	Poster		GUIDING ATTENTION
		Kirah Vaughan and	
		Ryan Wujcik	

Psychology-Section 7	Poster		FACEBOOK FRIENDS VS. WORK FRIENDS
		Azza Kineish	
Social Science: General	Oral	Matthew Suandi	DO STARTUP DIVERSIFY THE ECONOMIC BASE? AN EVOLUTIONARY
			PERSPECTIVE
Social Science: General-Section 1	Poster	Sahithi Chinnam and	ARE GENDER AND CULTURE DIFFERENCES IN EMOTIONAL
		Kaitlin Morain	EXPRESSION SOCIALIZED IN EARLY CHILDHOOD?
Social Science: General-Section 2	Poster		ETHNIC AND REGIONAL INEQUALITIES IN OUTDOOR SMOKEFREE
		Christopher Lowrie	SPACES
Social Science: General-Section 3	Poster		HEALTH BEHAVIORS AMONG DUAL SMOKER COUPLES
		Gabrielle Oehring	
Social Science: General-Section 4	Poster	Rikki McClelland and	COPARENTING AND TODDLER CHARACTERISTICS RELATED TO
		Alixandra Vanbuskirk	BEHAVIORAL PROBLEMS
Social Work-Section 1	Poster	Amy Schaafsma	THE INFLUENCE OF NEIGHBORHOOD CONTEXTS ON PARTICIPATION
			IN EARLY CHILDHOOD EDUCATIONAL PROGRAMS BY LATINO AND
			AFRICAN AMERICAN CHILDREN
Social Work-Section 2	Poster	Sierra Baker	STATEWIDE DIVERSION PILOT PROGRAM: EXPLORING THE IMPACT
			OF CIT
Social Work-Section 3	Poster	Carmen Elias and	THE INTERGENERATIONAL EFFECTS OF MATERNAL DEPRESSION ON
		Carolina Vasquez	CHILDREN'S DEPRESSIVE SYMPTOMS