

**NORTHEASTERN ILLINOIS UNIVERSITY
SIXTEENTH ANNUAL
STUDENT RESEARCH AND CREATIVE ACTIVITIES
SYMPOSIUM**

APRIL 18, 2008

SYMPOSIUM PROGRAM



SYMPOSIUM PROGRAM

8:00 – 8:30 AM Registration/Coffee
Student Union, Second Floor

8:30 – 8:50 AM Program Commencement
Alumni Hall

Welcome and Introduction
John Albazi, Symposium Coordinator

Greetings
Sharon K. Hahs, President
Northeastern Illinois University

Participants

College of Arts and Sciences
College of Business and Management
College of Education
Graduate College
University Honors Program
McNair Scholars Program

Symposium Steering Committee Members

John Albazi, Symposium Coordinator
David Rutschman, Symposium Co-Coordinator
Rachel Adeodu, College of Education
Kathleen Kardaras, University Honors Program
Mary Kimble, Graduate College
Kimberly Sanborn, McNair Scholars Program
Rose Sperrazza, Creative Activities
D.S. Sundaram, College of Business and Management

This year's Symposium is sponsored by the Office of Academic Affairs, the College of Arts and Sciences, and the NEIU Foundation.

CREATIVE ACTIVITIES

Recital Hall, Fine Arts Building

Presiding: Rose Sperrazza, Music and Dance

**Discussants: David Sharlow, Music Department; Kim Ambritz, Art;
Venetia Stifler, Dance Department**

- 9:00 AM “SONIC POTENTIAL FROM A PERCUSSIVE STANDPOINT” Brett Richardson (Music Performance), Rose Sperrazza*, Music
- 9:25 AM “RELATIVE FRAMES” Mark Banks (Biology), Kathleen Kardaras*, University Honors Program
- 9:50 AM “ROTTEN MILK: LIVE AT THE HOTTI BISCOTTI EXPERIMENTATION IN SOUND” Dennis Sage (Communication, Media & Theatre), Cyndi Moran*, Communication, Media & Theatre
- 10:15 AM “THE 90'S MAKE ME BARF” William D. Young (Music Education), Jeffrey Kowalkowski*, Music
- 10:40 AM “WITHIN: TRANSFORMATION OF THE BODHIDHARMA ACROSS CULTURES” Siew Lian Lim (Psychology/Art), William Sieger*, Art, Shen Cheng Xu, Art
- 11:05 AM “THE POKE OF DEATH: WHAT IT REALLY TAKES TO CREATE A TWO MINUTE VIDEO” Nikola Ranguelov (Communication, Media & Theatre), Cyndi Moran*, Communication, Media & Theatre
- 11:30 AM “SYNESTHESIA: COLOR FROM MUSIC” Erik Kivi (Music Education), Shelley Foster Gurin*, Music

RESEARCH PRESENTATIONS

Section 1 Student Union 214

Presiding: Kathleen Kardaras, University Honors Program

Discussants: Michael Davros, English Department; Andrew Kourvetaris, Sociology; Charles Schmidt, Geography and Environmental Studies

- 9:00 AM “ARTIFICIAL INTELLIGENCE: FROM PRESENT TO FUTURE” Nikola V. Rangelov (Communication, Media & Theatre), Freddy Porps*, Computer Science
- 9:20 AM “EPIGENETIC ROBOTICS AND DEVELOPMENTAL LEARNING” Carlos J. Phillips (Psychology/Computer Science), Masami Takahashi*, Psychology
- 9:40 AM “CHEM-WIKI: INCREASING STUDENT COLLABORATION THROUGH ONLINE LAB REPORTING” Edward Elliott III (Chemistry), Ana Fraiman*, Chemistry
- 10:00 AM “GENDER'S IMPACT ON COMMUNICATION IN VIRTUAL WORLDS: SECOND LIFE” Nikola V. Rangelov (Communication, Media & Theatre), Susan Colon*, Communication, Media & Theatre
- 10:20 AM “SCHEMA OF SOCIAL RELATIONSHIPS IN CHILDREN WITH AUTISM: WHAT WE CAN LEARN FROM THEIR DRAWINGS” Veronica Silva (Psychology), Saba Ayman-Nolley*, Psychology
- 10:40 AM “HOW DOES THE INTERACTION BETWEEN MEDITATION AND DAILY LIFE STRESS AFFECT RELAXATION STATES?” Siew Lian Lim (Psychology/Art), Linda Rueckert*, Psychology, Kathleen Kardaras*, University Honors Program
- 11:00 AM Break
- 11:20 AM “EVALUATING AUTONOMY AND IDENTITY IN THE VIRTUAL WORKPLACE” Lara Stache (Communication, Media & Theatre), Susan Colon*, Communication, Media & Theatre
- 11:40 AM “SPATIAL 3-D MODELING: GOOGLE'S PLATFORM” Kevin Whitney (Geography), Erick Howenstine*, Geography
- 12:00 PM “WHEN THE CITY ATTACKS: EXAMINING PUBLIC POLICY AND ITS ROLE IN THE PROCESS OF GENTRIFICATION” Demelza Phillips (Sociology), Susan Stall*, Sociology
- 12:20 PM “SOLIDARITY WITH PALESTINIAN CAVE DWELLERS: INTERNATIONAL AND ISRAELI HUMAN RIGHTS WORKERS IN THE SOUTHERN WEST BANK” Joel Gulledge (Sociology), Andrew Kourvetaris*, Sociology

(Presenter is underlined and Faculty Sponsor* is denoted by an asterisk)

12:40 PM "PLAYING THE "NAMING GAME": MIAMI AND CHICAGO'S LATINA/O IDENTITY CONSTRUCTION" Maria Chaves (Women's Studies), Laurie Fuller*, Women Studies, Kimberly Sanborn*, McNair Scholars Program, Irma Olmedo*, Latin American and Latino Studies

**Section 2
Student Union 215**

Presiding: Shahrzad Mahootian: Linguistics
Discussants Before Break: Richard Hallett, Linguistics; Judy Kaplan-Weinger, Linguistics
Discussants After Break: John Boyle, Linguistics; Judy Kaplan-Weinger, Linguistics

9:00 AM "THE BENEFITS OF BILINGUALISM" Kristy Dressman (Linguistics), Shahrzad Mahootian*, Linguistics

9:20 AM "CODESWITCHING AND CONSTRUCTION OF IDENTITY IN THE COMEDY OF GEORGE LOPEZ" Megan Wells (Linguistics/TESL), Shahrzad Mahootian*, Linguistics

9:40 AM "LANGUAGE CHOICE IN PAKISTANI MUSIC AND RELIGIOUS TV PROGRAMS" Amber Javed (Linguistics/TESL), Shahrzad Mahootian*, Linguistics

10:00 AM "A LINGUISTIC JOURNEY TO THE BORDER" Dana Cole (Linguistics), Shahrzad Mahootian*, Linguistics

10:20 AM "INSTRUMENTAL VERB STEM INFECTION ACROSS THE SIOUAN LANGUAGE FAMILY" John Clarkson (Anthropology), John P. Boyle*, Linguistics

10:40 AM "PRACTICAL SOLUTIONS FOR NON IDEAL ESL CLASSROOMS: A CALL FOR A NEW RESEARCH FOCUS" Angela Laughlin (Linguistics/ESL Cert.), Richard W. Hallett*, Linguistics

11:00 AM Break

11:20 AM "THE RISE AND FALL OF THE INTERNATIONAL COMMISSION ON ENGLISH IN THE LITURGY (ICEL) IN THE US CATHOLIC CHURCH" Win Whelan (Linguistics), Richard W. Hallett*, Linguistics

11:40 AM "'NO CHILD LEFT BEHIND OR ARE THEY?'" Amy L. Gurvis (Linguistics), Judith Kaplan-Weinger*, Linguistics

12:00 PM "'I'D LIKE TO PROMOTE HER, BUT HER ENGLISH PUTS PEOPLE OFF" ATTITUDES TOWARD NON-NATIVE ENGLISH IN THE MARKETPLACE" Mitchell R. Ferris (Linguistics), Richard W. Hallett*, Linguistics

(Presenter is underlined and Faculty Sponsor is denoted by an asterisk)*

- 12:20 PM “LANGUAGE OR MIND CORRELATIONAL ANALYSIS OF THE SPANISH VERSION OF THE RBANS TEST” Ma. Alejandra Prieto-Mendoza (Linguistics), Shahrzad Mahootian*, Linguistics
- 12:40 PM “ENGLISH PAST TENSE INFLECTION: A CONNECTIONIST APPROACH” Ryan Libel (Linguistics), Shahrzad Mahootian*, Linguistics

Section 3
Student Union 216

Presiding: Rachel Adeodu, Teacher Education

Discussants Before Break: Daniela Truty, Education Leadership & Development; Eleni Makris, Education Leadership & Development

Discussants After Break: Daniel Milsky, Philosophy; John Casey, Philosophy

- 9:00 AM “PUTTING A LENS ON LITERACY THROUGH PARENT PERSPECTIVES” Beatriz Hernandez (Educational Leadership), Julie Mensik (Educational Leadership), Claudia Renteria (Educational Leadership), Ana Gil-Garcia*
- 9:20 AM “GENDER BELIEFS AND BULLYING” Susan Winningham (Administrative Leadership), Mary Ann Putyra (Administrative Leadership), Linda McInerney (Administrative Leadership), Ana Gil-Garcia*
- 9:40 AM “THE EFFECTS OF EXERCISE ON THE BEHAVIOR OF CHILDREN WITH AUTISM AND HOW TO EFFECTIVELY TEACH CHILDREN WITH AUTISM WITHIN A PHYSICAL EDUCATION PROGRAM” Bridget Carlson (Exercise Science), David Cutton*, HPERA
- 10:00 AM “EXPLORING INTERNATIONAL STUDENTS AS DIVERSIFYING AGENTS IN HIGER EDUCATION AND THEIR CONSEQUENT SUSCEPTIBILITY TO MARGINALITY AND ALIENATION” Katy N. Guzder (Educational Leadership), Daniela Truty*, ELAD-HRD
- 10:20 AM “INFILTRATION AND CONTAINMENT IN SHAKESPEARE'S TITUS ANDRONICUS” Elizabeth M. Rodriguez (English/History), Bradley Greenburg*, English, Kimberly Sanborn*, McNair Scholars Program
- 10:40 AM “CATLYST OR CASUALTY?: EXAMINING TWO FEMALE ROLES IN "TITUS ANDRONICUS" AND "HAMLET"” Chrystyn Hart (English History), Bradley Greenburg*, English, Kimberly Sanborn*, McNair Scholars
- 11:00 AM Break

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- 11:20 AM “BE STILL AND KNOW: TOWARDS A KANTIAN ACCOUNT OF THEISTIC PREDICATION” Philip Mayo (Philosophy/English), John Casey*, Philosophy
- 11:40 AM “MILTON'S COLONIAL EDEN” Michelle Baroody (English/Philosophy), Kristen Over*, English
- 12:00 PM “THERMOSTATS, CHINESE TORSOS, AND THE POSSIBILITY OF A CHRISTIAN ROBOT: AN OBLIQUE SURVEY INTO THE NATURE OF BELIEF” Jeremy M. Dolan (Philosophy), John Casey*, Philosophy
History
- 12:20 PM “NARRATIVE IDENTITY AND THE NON-CONSCIOUS PATIENT: CAN THIRD PARTIES SUSTAIN PERSONAL NARRATIVE?” Nevyn O'Kane (Philosophy/History), Dan Milsky*, Philosophy

Section 4
Student Union 217

Presiding: D.S. Sundaram, Management and Marketing

Discussants: Amy Hietapelto, Business and Management; Edward Stuart, Economics; Mostafa Maksy, Accounting, Business Law and Finance

- 9:00 AM “CAN CORPORATE BOND RATINGS BE PREDICTED?” Kathy Kolber (Accounting), Elena Labazova (Finance), Beata Zero (Business Administration), Mostafa M. Maksy*, Accounting, Business Law & Finance
- 9:20 AM “CAN CORPORATE TAKEOVERS BE PREDICTED?” Tina Lukowski (Accounting), Ramune Ramonauskyte (Accounting), Roxanne Rivas (Accounting), Mostafa M. Maksy*, Accounting, Business Law & Finance
- 9:40 AM “CAN IT KEEP GROWING? A HISTORICAL & PROSPECTIVE ANALYSIS OF 3M COMPANY” Emily Stratioti (Accounting), Mostafa Maksy*, Accounting, Business Law & Finance
- 10:00 AM “GOOGLE’S CULTURE AND BUSINESS STRATEGIES” Fe Jannette Ortiz (General Business Administration), Roberto Munoz (Management), Ricardo Bahena (Accounting), Fernando Lopez (Management), Hamid Akbari*, Management
- 10:20 AM “BEHAVIORAL ECONOMICS” Nataliia Artiushenko (Applied Mathematics), Edward F. Stuart*, Economics
- 10:40 AM “STRUCTURAL CHANGES IN LITHUANIA'S LABOR FORCE MARKET: A COMPARATIVE STUDY” Urte Staniulionyte (Economics/Art History), Edward F. Stuart*, Economics

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11:00 AM “ASSESSMENT OF HEALTH BEHAVIORS AT NEIU” Steven V. Jerome (Mathematics/Economics), Christina Ciecierski*, Economics

**Section 5
Student Union 218**

**Presiding: David Rutschman, College of Arts & Sciences
Discussants Before Break: Ingrid Castro, Sociology; Sarah Hoagland, Philosophy
Discussants After Break: Brett Stockdill, Sociology; Theophilus Okosun, Justice Studies**

9:00 AM “GENDERED INEQUALITY: WOMEN AND THE ECONOMY IN POST-APARTHEID SOUTH AFRICA” Carolina Jacobo (Justice Studies), Kathy Pisula (Justice Studies/Psychology), T.Y. Okosun*, Justice Studies

9:20 AM “REPRODUCTIVE RIGHTS VS. REPRODUCTIVE JUSTICE” Toni K. Scott (Sociology/Women's Studies), Sarah Hoagland*, Philosophy

9:40 AM “MUSLIM WOMEN IN TODAY'S SOCIETY” Jolie Warden-Moody (Board of Governors), Ingrid Castro*, Sociology

10:00 AM “HIRING STUDY - GENDER NEUTRAL VS. GENDER SPECIFIC LANGUAGE AND HIRING DECISIONS” Delia Bleahu (Psychology), Amanda Dykema-Engblade*, Psychology

10:20 AM “IMPOSSIBLE IDEALS: THE COMMODIFICATION OF FEMALE SEXUALITY AND ITS EFFECTS ON PERCEPTION OF BEAUTY” Krystle Pereira (Sociology), Ingrid Castro*, Sociology, Kimberly Sanborn*, McNair Scholars Program

10:40 AM “MADE IN MEXICO” Martha Flores (Women's Studies), Nancy Matthews*, Justice Studies, Kimberly Sanborn*, McNair Scholars Program, Kathleen Karderas*, University Honors Program

11:00 AM Break

11:20 AM “THE POLITICS OF TRANSFORMATION: COMPARATIVE ASSESSMENT OF THE BENEFITS OF DEMOCRACY ON THE BLACK AFRICAN AND INDIAN POPULATIONS OF SOUTH AFRICA” Lori Smith (Justice Studies), T.Y. Okosun*, Justice Studies

11:40 AM “RACE AND IMIGRATION: THE IMPACT OF IMMIGRANTS ON U.S. IMMIGRATION LAWS” Theresa J. Bacchus (History), Patrick Miller*, History, Kimberly Sanborn*, McNair Scholars Program, Kathleen Karderas*, University Honors Program

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- 12:00 PM “THE ILLNESS OF JULIAN: A DIAGNOSTIC HISTORY CONCERNING JULIAN OF NORWICH” Nevyn O’Kane (Philosophy/History), J. Michael Raley*, History
- 12:20 PM “EMBATTLED BUT 'WRITING' BACK: ESLANDA GOODE ROBESON'S CONTRIBUTIONS TO AMERICAN AND INTERNATIONAL POLITICS THROUGH HER WRITINGS” Gwen Austin (Justice Studies), Kimberly Sanborn*, McNair Scholars Program
- 12:40 PM “HAVE A "HEART" FOR ANIMALS - A STUDY OF EMOTIONAL LABOR IN THE ANIMAL WELFARE INDUSTRY” Olga A. Steele (Sociology), Aneta Galary*, Sociology

**Section 6
Student Union 219**

Presiding Before Break: Jennifer Slate, Biology
Discussants Before Break: Frederick Prete, Biology; Tom Weaver, Chemistry
Presiding After Break: John Kasmer, Biology
Discussants After Break: Steve Frankel, Biology; Sudha Srinivas, Physics

- 9:00 AM “ANALYSIS OF PHENYLETHYLAMINE AND TWO OF ITS RELATED COMPOUNDS USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY” Vanda Erkoci (Chemistry), John Albazi*, Chemistry
- 9:20 AM “NEW CHALLENGES IN FORCED DEGRADATION STUDIES ON CIPROFLOXACIN HYDROCHLORIDE PHARMACEUTICAL SUBSTANCE BY HPLC” Rehan Malik (Chemistry), John Albazi*, Chemistry
- 9:40 AM “METHOD DEVELOPMENT AND VALIDATION FOR DETERMINATION OF "SALVINORIN A" IN SALIVA DIVINORUM PLANT USING REVERSED-PHASE LIQUID CHROMATOGRAPHY” Angela Bond (Chemistry), John Albazi*, Chemistry
- 10:00 AM “DIATOMS OF LAKE NICARAGUA” Ashley Barrett (Biology), Kathrine Millescent Dayson (Biology), Jennifer Slate*, Biology
- 10:20 AM “A PRACTICAL BIOFILM SUSCEPTIBILITY METHOD FOR COAGULASE-NEGATIVE STAPHYLOCOCCI” Hussein Ali (Biology), Mary Kimble*, Biology
- 10:40 AM “THE NUMBER Pi AND ANALYSIS OF ITS DECIMAL EXPANSION” Tatsiana Razumovich (Special Education), Ilia Gulkarov*, Physics
- 11:00AM Break
- 11:20 AM “ANGLE OF REPOSE OF LARGE PILES OF MONO- AND BI- DISPERSE PARTICLES, OF VARIOUS SYMMETRY” Eunice Laguna (Physics), Paul Dolan*, Physics

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- 11:40 AM “QUALITATIVE AND QUANTITATIVE ANALYSIS OF Ag-CLUSTER/CO INTERACTIONS” Michael Cline (Chemistry), Paoli Acioli*, Physics, Sudha Srinivas*, Physics
- 12:00 PM “AN IDENTITY TEST: HAVE WE FOUND A NEW LEEDY'S ROSEROOT (RHODIOLA INTEGRIFOLIA SSP. LEEDYI) POPULATION?” Siddik Patel (Biology), Joel P. Olfelt*, Biology
- 12:20 PM “USING CHLOROPLAST GENOME REGIONS TRN L-F, TRN T-L, TRN D-PSBM2, AND TRN D-T TO ASSESS PHYLOGENETIC RELATIONSHIPS OF CORYDALIS” Ciera C. Martinez (Biology), Mary Kimble*, Biology, Rick Ree*, The Field Museum

**Section 7
Golden Eagles Room**

**Presiding: Saba Ayman-Nolley, Psychology
Amanda Dykema-Engblade, Psychology; Suzanne Gaskins, Psychology; Linda Rueckert, Psychology; R.B. Church, Psychology**

- 9:00 AM “THE NARRATIVE EXPERIENCE AS A MEANS OF INCREASING PARENTAL AWARENESS OF CHILDREN'S LEARNING AND THEIR ROLE IN THAT LEARNING” Peter Sullivan (Psychology), Stephanie Wishnoff (Psychology), Karie Pappa (Psychology), Brenda Roman (Psychology), Suzanne Gaskins*, Psychology
- 9:20 AM “PARENTS AS MATCHMAKERS, SCAFFOLDING” Shana Greenwich (Psychology), Carolyn Bennet (Psychology), Angelica Cardona (Psychology), Christie Sanchez (Psychology), Suzanne Gaskins*, Psychology
- 9:40 AM “GOAL VS OPEN-ENDED ACTIVITY, DIFFICULTY OF ACTIVITY” Jessica Menez (Psychology), Muyibat O. Oguntade (Psychology), Paula Hurtado (Psychology), Araceli Sotelo (Psychology), Suzanne Gaskins*, Psychology
- 10:00 AM “CHILD'S CHARACTERISTICS AND TYPE OF SCAFFOLDING; CAREGIVER GENDER AND TYPE OF SCAFFOLDING; SCAFFOLDING AND SUCCESSFUL ENGAGEMENT” Aliya Ghouse (Psychology), Gargi Sawhney (Psychology), Monika Kropornicka (Psychology), Delia Bleahu (Psychology), Katrina Coronel (Psychology), Suzanne Gaskins*, Psychology
- 10:20 AM “DOES GESTURE REFLECT THINKING FOR SPEAKING?” Nancy Diaz (Psychology), Justyna Jablonska (Psychology), Yessenia De La O (Psychology), R.B. Church*, Psychology

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- 10:40 AM “THE EFFECT OF GESTURE ON IMITATION AND LEARNING OF MECHANICAL PROCESSES” Jayson Flores (Psychology), R.B. Church*, Psychology
- 11:00 AM Break
- 11:20 AM “EFFECTS OF MENTOR BASED CURRICULUM (GIRLPOWER!) ON CAREER AND ACADEMIC ASPIRATIONS OF AT RISK TEENAGE GIRLS” Anita Fareeduddin (Psychology/Biology), R.B.Church*, Psychology, Naida Silverthorn*, Psychology
- 11:40 AM “FACTORS THAT AFFECT ENGLISH PROFICIENCY” Kimberly Arnold (Psychology), Amela Guso (Psychology), Miguel Moreno (Psychology), Shana Greenwich (Psychology), Linda Rueckert*, Psychology
- 12:00 PM “DOES THE WORD SUPERIORITY EFFECT DIFFER IN PEOPLE WHO SPEAK ENGLISH AS THEIR SECOND LANGUAGE” Daniel Cushing (Psychology), Ronnie Dos (Psychology), Brittney Lindstrom (Psychology), Brandi Sims (Psychology), Linda Rueckert*, Psychology
- 12:20 PM “THE STROOP EFFECT IN BILINGUAL INDIVIDUALS” Andrew Eiden (Psychology), Leticia Hill (Psychology), Heather Llanes (Psychology), Patrycja Pyzik (Psychology), Linda Rueckert*, Psychology
- 12:40 PM “FIELD INDEPENDENCE IN BILINGUALISM” Maritza Barajas (Psychology), Carol A. Jacoy (Psychology), Rae Magnani (Psychology), Jennifer Pukhovich (Psychology), Linda Rueckert*, Psychology

Section 8
Student Union 003

Presiding: Tracy Luedke, Anthropology
Discussants: Jon Hageman, Anthropology; Lesa Davis, Anthropology;
Martin Giesso, Anthropology

- 9:00 AM “MALNUTRITION AND DISEASE: A PERSPECTIVE ON LATE CLASSIC MAYA HEALTH” Sylvia Deskaj (Anthropology), Jon Hageman*,
- 9:20 AM “CAVE OF CREATION: MISPERCEIVED POWER OF THE JUTE SNAIL IN MAYA CULTURE” Kevin P. Foster (Anthropology), Jon Hageman*, Anthropology
- 9:40 AM “BUDDHISM AND GENERATIONAL CHANGE IN CHICAGO'S CAMBODIAN COMMUNITY” Chinatsu Nakano (Anthropology), Tracy Luedke*, Anthropology

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- 10:00 AM “CONTEMPORARY CENTRAL ASIA AND SOCIAL PHENOMENA” Jeromy Van Paassen (Anthropology), Kyle Stitch (Anthropology), Gwen Chojnacki (Anthropology), Russell Zanca*, Anthropology
- 10: 40 AM “MIGRANT COMMUNITIES IN SALVATIERRA, GUANAJUATO” Ana Rosa Guzman (Anthropology), Eduardo Mendoza (Anthropology), Alejandra Tafoya (Anthropology), Martin Giesso*, Anthropology
- 11:00 AM Break
- 11:20 AM “MIGUEL HIDALGO AND GUANAJUATO IN THE DAWN OF THE INDEPENDENCE MOVEMENT IN MEXICO” Anna Argyropoulos (Anthropology), Diana Calderon (Anthropology), Nilsa I. Irizarry (Anthropology), Martin Giesso*, Anthropology
- 11 :40 AM ““EVERYTHING THAT SHINES IS SILVER” GUANAJUATO'S COLONIAL MINING INDUSTRY” Jose P. Torres (Anthropology), Bryan Perez (Anthropology), Martin Giesso*, Anthropology
- 12:00 PM “CLASSIC PERIOD (A.D. 300-900) PERALTA'S BALL COURT, GUANAJUATO, IN THE CONTEXT OF MESOAMERICAN PRE-COLUMBIAN RITUALS” Diana Garcia (Anthropology), Patrick C. Grisley (Anthropology), Martin Giesso*, Anthropology
- 12:20 PM “A DIET OF STONES: PHYTOLITHS AND THE STUDY OF THE ANCIENT MAYA DIET” Gardner Brandt (Anthropology), Neeshia Maconowicz (Biology), Jon Hagemen*, Anthropology, Jennifer Slate*, Biology
- 12:40 PM “EXTRACTION AND IDENTIFICATION OF PHYTOLITHS FROM MAYAN ARCHAEOLOGICAL SITE AND MODERN SAMPLES” Neeshia Maconowicz (Biology), Gardner Brandt (Anthropology), Jennifer Slate*, Biology, Jon Hageman*, Anthropology

Section 9
Student Union 123

Presiding: Kimberly Sanborn, McNair Scholars Program
Discussants Before Break: Jade Stanley, Social Work; Job Ngwe, Social Work
Discussants After Break: Angela Vidal Rodriguez, McNair Program;
Loretta Capeheart, Justice Studies

- 9:00 AM “HIV/AIDS FROM AN INTERNATIONAL COMPARATIVE PERSPECTIVE” Elizabeth Ann Belser (Social Work), Jade Stanley*, Social Work, Kathleen Kardaras*, University Honors Program

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- 9:20 AM “EXPLORING THE RELATIONSHIP BETWEEN POSSIBLE SELVES AND SEXUAL RISK BEHAVIOR AMONG COLLEGE-AGE AFRICAN AMERICANS” Keith R. Green (Social Work), Jade Stanley*, Social Work, Kimberly Sanborn*, McNair Scholars Program
- 9:40 AM “FINDING MEANING: AN ALTERNATIVE MODEL FOR TREATING HUNTINGTON DISEASE PATIENTS” Preston Fairchild (Social Work), Job Ngwe*, Social Work, Kimberly Sanborn*, McNair Scholars Program
- 10:00 AM “IMMIGRATION TO THE UNITED STATES: THE PROBLEMS AND POSSIBLE SOLUTIONS” Joseph Bechtold (History), Shelley Bannister*, Justice Studies
- 10:20 AM “MEXICAN IMMIGRANT CULTURE IN CHICAGO” Raul Dorantes (Latin American Literatures and Cultures), Lucrecia Artalejo*, Foreign Languages and Literatures
- 10:40 AM “GENTRIFICATION AND TIF FUNDS: REBUILDING ILLINOIS COMMUNITIES SINCE 1987” Patricia C. Ortega (Political Science), Sangmin Bae*, Political Science, Kimberly Sanborn*, McNair Scholars Program
- 11:00 AM Break
- 11:20 AM “REGGAETON AND LATINO YOUTH” Fernando Gonzalez (Anthropology), Brett Stockdill*, Sociology, Kimberly Sanborn*, McNair Scholars Program
- 11:40 AM “SOUND OF SILENCE” Shayan Davoudi (Justice Studies), Loretta Capeheart*, Justice Studies, Kathleen Kardaras*, University Honors Program
- 12:00 PM “GUATEMALA: FAILED TRANSITION TO DEMOCRACY” Milana Bubrinkova (Political Science), David Leaman*, Political Science
- 12:20 PM “DEMOCRATIC TRANSITION IN THE GERMAN DEMOCRATIC REPUBLIC: A SYNTHESIS THEORY” Daniel B. Bailey (Political Science), David Leaman*, Political Science
- 12:40 PM “JAPAN'S AMBIVALENCE TO INTERNATIONAL HUMAN RIGHTS NORMS” Sam Lwanga (Political Science), Sangmin Bae*, Political Science

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POSTER PRESENTATIONS

LOBBY IN FRONT OF AUDITORIUM

10:00 to 11:00 am (Set-Up Period)

11:10 to 1:20 pm (Presentation Period)

Presiding: John Albazi, Chemistry

1. "INSTITUTIONALIZED CHILDREN'S IMPLICIT THEORY OF FAMILIES: AN EXAMINATION THROUGH THEIR DRAWINGS" Sandra M. Valencia (Psychology), Saba Ayman-Nolley*, Psychology
2. "GENDER AND CULTURAL DIFFERENCES OF HISPANIC CHILDREN DRAWINGS OF LEADERS" Madelyn Landeros (Psychology), Emeline J. Ortiz (Psychology), Saba Ayman-Nolley*, Psychology
3. "TELEVISION VIOLENCE AND CHILDREN'S IMAGINATION AS DEMONSTRATED THROUGH THEIR DRAWINGS" Michelle Cupani (Psychology), Mary McKeown (Psychology), Saba Ayman-Nolley*, Psychology
4. "DIFFERENCES IN RELATIONSHIP SATISFACTION BETWEEN DYADS OF VARIOUS SEXUAL ORIENTATIONS" Nydia Gonzalez (Psychology), R. B. Church*, Psychology
5. "INVESTIGATING MECHANISM OF FORCED DEGRADATION STUDIES ON LEVOFLOXACIN USING REVERSED-PHASE LIQUID CHROMATOGRAPHY" Nancy Elsharkawy (Chemistry), John Albazi*, Chemistry
6. "HPLC METHOD DEVELOPMENT FOR SIMULTANEOUS DETERMINATION OF PHENIRAMINE MALEATE AND ITS HALODERIVATIVES IN COLD AND ALLERGY PHARMACEUTICAL PRODUCTS" Meher Tasneem (Chemistry), John Albazi*, Chemistry
7. "MICROCLIMATE DIFFERENCES AT CLIFF LOCATIONS WITH AND WITHOUT LEEDY'S ROSEROOT (SEDUM INTEGRIFOLIUM SSP.LEEDYI) PLANT" Vanessa Hita (Biology), Samantha Plencner (Biology), Aliya Ghouse (Psychology), Joel Olfelt*, Biology
8. "INTERFERENCE OF QC4J TRANSGENE WITH EYE COLOR EXPRESSION IN DROSOPHILA MELANOGASTER AND ITS LOCATION IN THE GENOME" Anna Gawedzka (Biology/Chemistry), Mary Kimble*, Biology
9. "THE CELLULAR ORGANIZATION OF THE THORACIC GANGLIA IN THE COCKROACH GROMPHADORHINA PORTENTOSA AND SEVERAL SPECIES OF PRAYING MANTID" Maria Akhter (Biology), Frederick Prete*, Biology
10. "EXPLOSIVE RESISTANCE TRAINING (PLYOMETRICS) AND RUNNING ECONOMY: A REVIEW" Angela Bartsch (Exercise Science), Davin Cutton*, HPERA
11. "USING PROBABILITY MODELS IN DISEASE PREVENTION EDUCATION TO SHOW THE EFFECTS OF PRECAUTIONARY MEASURES" Justin McPhee (Applied Mathematics), Lydia Filus*, Mathematics

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MESSAGE FROM THE SYMPOSIUM STEERING COMMITTEE

The committee has several objectives in organizing the Symposium:

1. To provide undergraduate and graduate students who are engaged in research and creative activities an opportunity to interact with each other and present their works before an audience of their peers.
2. To provide a forum for highlighting the research accomplishments and creative activities at Northeastern Illinois University.
3. To encourage students to participate in research and creative activities and to pursue graduate study.
4. To promote and strengthen collaboration in research and creative activities among students and faculty.
5. To enhance communication in areas of student research and creative activities among the Colleges of Arts and Sciences, Business and Management, Education and the Graduate College.

The Committee hopes that you will enjoy the Symposium and share in the excitement of doing research and creative activities. We hope that you will be looking forward to participating in the 16th Annual Northeastern Illinois University Student Research and Creative Activities Symposium in the year 2008.

The Symposium Steering Committee would like to thank the following faculty members for serving as presiders, discussants, and/or faculty sponsors at the Sixteenth Annual Student Research and Creative Activities Symposium:

Paoli Acioli	Lydia Filus	David Leaman	Charles Schmidt
Rachel Adeodu	Shelley Foster Gurin	Tracy Luedke	David Sharlow
Hamid Akbari	Laurie Fuller	Shahrazad Mahootian	William Sieger
John Albazi	Ana Fraiman	Eleni Makris	Naida Silverthorn
Kim Ambritz	Steve Frankel	Mostafa M. Maksy	Jennifer Slate
Lucrecia Artalejo	Aneta Galary	Nancy Matthews	Rose Sperrazza
Saba Ayman-Nolley	Suzanne Gaskins	Patrick Miller	Sudha Srinivas
Sangmin Bae	Martin Giesso	Dan Milsky	Susan Stall
Shelley Bannister	Ana Gil-Garcia	Shahrazad Mahootian	Jade Stanley
John P. Boyle	Iliia Gulkarov	Cyndi Moran	Venetia Stifler
Loretta Capeheart	Bradley Greenburg	Job Ngwe	Brett Stockdill
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