

4-20-2001

Ninth Annual Student Research and Creative Activities Symposium - April 20, 2001

Symposium Steering Committee

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**NORTHEASTERN ILLINOIS UNIVERSITY'S
NINTH ANNUAL
STUDENT RESEARCH AND CREATIVE ACTIVITIES
SYMPOSIUM**

APRIL 20, 2001

SYMPOSIUM PROGRAM



SYMPOSIUM PROGRAM

8:30 - 9:00 AM Registration/Coffee
Student Union, Second Floor

9:00 - 9:20 AM Program Commencement
Alumni Hall

Welcome and Introduction
John Albazi, Symposium Co-Coordinator
Kathleen Kardaras, Symposium Co-Coordinator

Greetings
Salme H. Steinberg, President
Northeastern Illinois University

Participants

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

Symposium Steering Committee Members

John Albazi, Symposium Co-Coordinator
Kathleen Kardaras, Symposium Co-Coordinator
Edward Odisho, Education
Rasoul Rezvanian, Business & Management
Linda Rueckert, Arts & Sciences
Laura Sanders, Graduate College
Constance Speake, Creative Activities
James Sprinkle, Poster Session

CREATIVE ACTIVITIES

Recital Hall, Fine Arts Building

Presiding: Constance Speake, Music

**Discussants: Philip Brink, Music; Timothy Libretti, English and Women's Studies;
and Daniel Wirth, Speech and Performing Arts**

- 9:30 AM "YONI" Monica I. Friedman (English), Michael McColly*, English Language Program.
- 9:50 AM "(RE)SEARCHING 'UNDER MY THUMB': PATRIARCHAL CONTRADICTIONS IN 'CLASSIC' POP-CULTURE" Rana Mansoori (English), Timothy H. Scherman*, Department of English and Member, Women's Studies Core Faculty.
- 10:10 AM "SHEILA" Dennis Fritz (English), Thomas Bracken*, Department of English.
- 10:30 AM "GOING HOME" Michelle D. Carrera (Board of Governors), Thomas Bracken*, Department of English.
- 10:50 AM "MERRY CHRISTMAS, MY FRIEND: THE CREATIVE PROJECT AND TECHNOLOGY" Warren K. Olson (Board of Governors), Nelson Mandrell*, Department of Music.
- 11:10 AM "THE BROTHER ON CHRISTMAS DAY" Angie Mule (Board of Governors), Thomas Bracken*, Department of English.
- 11:40 AM "LIGHT THROUGH A PRETZEL" Ellen M. Newman (Board of Governors), Thomas Bracken*, Department of English.
- 12:00 PM "BEHIND THACKBERRY" Patricia A. Baldino (Board of Governors), Thomas Bracken*, Department of English.
- 12:30 PM " 'WHAT DID HE DO TO YOU?': CONSIDERING SOURCES FOR THE FEUD IN MARK TWAIN'S *ADVENTURES OF HUCKLEBERRY FINN*" Gina Meritt (English), Timothy H. Scherman*, Department of English and Member, Women's Studies Core Faculty.

[Presenter is underlined and Faculty Sponsor is denoted by an asterisk]*

RESEARCH PRESENTATIONS

Section 1 Student Union 214

Presiding: Kathleen Kardaras, University Honors Program
Discussants: Katrina Bell-Jordan, Speech; Roger Gilman, Philosophy;
and James MacDonald, Anthropology

- 9:30 AM "IMMANUEL KANT'S CONCEPT OF A FREE WILL AND IT'S RELATION TO JUDAISM" Caleb G. Avraham (Philosophy and University Honors Program), Roger Gilman*, Department of Anthropology, Linguistics and Philosophy.
- 9:50 AM "LIBERATION THEOLOGY: REVOLUTIONARY FAITH OR UTOPIAN DREAM?" Jeanette M. Hernandez (Philosophy and University Honors Program), Renny Golden*, Department of Criminal Justice, Social Work, Sociology, and Women's Studies and Member, Women's Studies Core Faculty.
- 10:10 AM "NEW NATO MEMBERS: OPPORTUNITIES AND CHALLENGES FOR PEACE, SECURITY, AND STABILITY IN EUROPE" Lukasz M. Dobrzynski (University Honors Program), Kathleen Kardaras*, University Honors Program.
- 10:30 AM "DEMOCRACY, DICTATORSHIP AND DISINTEGRATION: THE CASE OF SOMALIA" Ladan A. Affi (Political Science), David Leaman*, Department of Political Science.
- 10:50 AM "DO CHIMPANZEES AND BONOBOES HAVE CULTURE?" Charlotte L. Allen (Anthropology/Accounting and University Honors Program), Kathleen Kardaras*, University Honors Program, James MacDonald*, Department of Anthropology, Linguistics and Philosophy.
- 11:10 AM Break
- 11:30 AM "COMMUNICATION AND SOCIAL SUPPORT AMONG HOLOCAUST PRISONERS: VOICES FROM THE MAELSTROM" Jean Silber (Speech), Karen Ijams*, Department of Speech and Performing Arts.
- 11:50 AM "WARTIME BASEBALL IN CHICAGO: A STUDY OF MAJOR LEAGUE BASEBALL ATTENDANCE PATTERNS" Damian A. Schaab (History), Steven A. Riess*, Department of History.
- 12:10 PM "THE OBJECTIFICATION OF WOMEN IN THE MEDIA" Maria E. Luna (Sociology/Criminal Justice and University Honors Program), Martha Thompson*, Department of Criminal Justice, Social Work, Sociology, and Women's Studies and Member, Women's Studies Core Faculty.
- 12:30 PM "REIFYING THE ACHIEVEMENT IDEOLOGY: THE NATURE OF EDUCATIONAL ENHANCEMENT METHODS EMPLOYED BY THE UPWARD BOUND PROGRAM" Geoff Reu (Sociology and University Honors Program), Susan Stall*, Department of Criminal Justice, Social Work, Sociology, and Women's Studies and Member, Women's Studies Core Faculty.

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Section 2
Student Union 215

Presiding: Suzanne Gaskins, Psychology
Discussants: David Farmer, Psychology; Shahrzad Mahootian, Linguistics;
and Masami Takahashi, Psychology

- 9:30 AM "DCFS ADOLESCENTS DISCUSS THEIR PSYCHOTHERAPY" Shannon L. Sawyer-Faingold (Psychology and University Honors Program), Suzanne Gaskins*, Department of Psychology.
- 9:50 AM "GENDER BIAS INDICATIONS IN INTERACTIONS INVOLVING ADULT-INFANT AND CHILD-INFANT DYADS" Amy J. Masterson (Linguistics/TESL), Shahrzad Mahootian*, Department of Anthropology, Linguistics and Philosophy.
- 10:10 AM "DYADIC INTERACTIONS IN GENDER SPECIFIC MUSEUM EXHIBITS" Cathleen Rendon (Psychology), Kristin Mesikapp (Speech/Psychology), Miguel Jimenez (Psychology), Suzanne Gaskins*, Department of Psychology.
- 10:30 AM "PEER PREFERENCES DURING CHILDREN'S PLAYTIME" Pattie Katralis (Psychology), Tammie Dullum (Psychology/Speech), Sherri Basirinejad (Psychology), Melvin Herring (Board of Governors/Psychology), Suzanne Gaskins*, Department of Psychology.
- 10:50 AM "CROSS-GENDERED ACTIVITIES: FIGHTING AN ANCIENT URGE" Nicole Aumann (Psychology), Barry D. Baker (Psychology), Hiroe Kusadokoro (Psychology), Jeremy Soriano (Psychology), Suzanne Gaskins *, Department of Psychology.
- 11:10 AM Break
- 11:30 AM "GENDER DIFFERENCES IN ENGAGEMENT WITH PASSIVE VS. ACTIVE EXHIBITS" Fida Khalil (Psychology), Victoria Lombardo (Psychology), Zulma Correa (Psychology), Rimma Brafman (Psychology/Special Education), Suzanne Gaskins*, Department of Psychology.
- 11:50 AM "GESTURES ROLE IN ETHNIC INFLUENCES ON INSTRUCTIONAL LEARNING" Tammie Dullum (Psychology), Pattie Katralis (Psychology/Speech), Ruth Breckinridge Church*, Department of Psychology.
- 12:10 PM "BENEFITS OF GESTURAL INSTRUCTION: A COMPARISON OF AFRICAN AMERICAN AND NON-AFRICAN AMERICAN STUDENTS" Donna M. Glover (Psychology/Elementary Education and University Honors Program), Ruth Breckinridge Church*, Department of Psychology.
- 12:30 PM "SOCIAL SUPPORT AND PERSISTENCE IN A CHILDREN'S MUSEUM" Veronica De la Garza (Psychology), Jetaun F. Jones (Elementary Education), Lilia Reyes (Psychology), Julie A. Ruano (Board of Governors/Psychology), Suzanne Gaskins*, Department of Psychology.

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Section 3
Student Union 216

Presiding: Edward Odisho, Teacher Education

**Discussants: Elaine Chakonas, Teacher Education; Richard Hallett, Linguistics;
and Erica Melners, Educational Leadership and Development and Women's Studies**

- 9:30 AM "MY 6TH GRADERS AND THEIR AFTER-SCHOOL HOURS" Esmeralda Sanchez (Elementary Education), Sandy Doyle*, Department of Teacher Education and Edward Odisho*, Department of Teacher Education.
- 9:50 AM "TECHNOLOGY INFUSION PLANNING: TEACHER MOTIVATION IN TECHNOLOGY INTEGRATION" Mary Beth Cunat (Educational Leadership), Jorge Ruiz (Educational Leadership), Ana Gil*, Department of Educational Leadership and Development.
- 10:10 AM "DUAL LANGUAGE VS. NON-DUAL LANGUAGE PROGRAMS: A COMPARATIVE ANALYSIS" Sonia Caban (Educational Leadership), Evelyn Katsoulos (Educational Leadership), Ana Gil*, Department of Educational Leadership and Development.
- 10:30 AM "MEETING THE NEEDS OF MUSLIM STUDENTS IN PUBLIC SCHOOLS" Suzan Abedrubbo (Bilingual Bicultural Elementary Education and University Honors Program), Joaquin Villegas*, Department of Teacher Education.
- 10:50 AM "SELF-PERCEIVED DISCRIMINATION IN NON-NATIVE SPEAKERS OF AMERICAN ENGLISH" Ahmad A. Millwala (Computer Science and University Honors Program), Kathleen Kardaras*, University Honors Program.
- 11:10 AM Break
- 11:30 AM "THE NARRATIVE STRUCTURE OF DISCOURSE IN THE OFFICIAL ENGLISH CONTROVERSY IN THE UNITED STATES" Marco W. Shappeck (Linguistics), Lawrence Berlin*, English Language Program.
- 11:50 AM "PATOIS (PATWA) THE JAMAICAN CREOLE" Lorna O. Wilkins (Elementary Education), Judith Kaplan Weinger*, Department of Anthropology, Linguistics and Philosophy.
- 12:10 PM "SARCASM: A LINGUISTIC STRATEGY FOR BUILDING RAPPORT" Laura J. Wipfli (Linguistics), Judith Kaplan Weinger*, Department of Anthropology, Linguistics and Philosophy.
- 12:30 PM "'EXISTORS' AND THE EFFECTIVE TRANSMISSION OF LANGUAGE" Robert A. Anzelde (Linguistics and University Honors Program), William Stone*, Department of Anthropology, Linguistics and Philosophy.

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Section 4
Student Union 217

Presiding: Rasoul Rezvanian, Accounting, Business Law and Finance
Discussants: Jackie Campbell, Criminal Justice;
Hong Gee Chen, Accounting, Business Law and Finance; and
Mostafa Maksy, Accounting, Business Law and Finance

- 9:30 AM "THE HORIZONTAL ORGANIZATION" Caitlin C. Lozos (Management), H. Durward Hofler*, Department of Management and Marketing.
- 9:50 AM "HOW TO REMAIN A MARKET LEADER IN A HIGHLY COMPETITIVE ENVIRONMENT? THE CASE OF HEWLETT PACKARD COMPANY" Khalig Dadashov (Business Administration), Mostafa Maksy*, Department of Accounting, Business Law and Finance.
- 10:10 AM "A CENTURY OF GROWTH AT WALGREENS: HOW DID THEY DO IT?" Jolanta H. Tekien (Accounting), Mostafa Maksy*, Department of Accounting, Business Law and Finance.
- 10:30 AM "MARKET ANALYSIS AND MARKETING COMMUNICATIONS PLAN FOR NORTHEASTERN ILLINOIS UNIVERSITY'S COLLEGE OF BUSINESS AND MANAGEMENT'S DISTANCE EDUCATION PROGRAM IN LAKE COUNTY" Viola V. Rjabova (Marketing and University Honors Program), Kevin Coulson*, Department of Management and Marketing, Thomas Krissek*, Department of Accounting, Business Law & Finance.
- 10:50 AM "EMPOWERING COMMUNITIES: A RESTORATIVE JUSTICE APPROACH" Edward G. Martinez-Olarte (Criminal Justice), Dragan Milovanovic*, Department of Criminal Justice, Social Work, Sociology and Women's Studies.
- 11:10 AM Break
- 11:30 AM "COPS: WHAT IS *REALLY* BEING TELEVISED?" Jennifer M. Burzych (Criminal Justice and University Honors Program), Dragan Milovanovic*, Department of Criminal Justice, Social Work, Sociology and Women's Studies.
- 11:50 AM "POST CONFINEMENT AND VOTER ELIGIBILITY: ARGUMENTS FOR" Sara L. Donovan (Criminal Justice), Dragan Milovanovic*, Department of Criminal Justice, Social Work, Sociology and Women's Studies.
- 12:10 PM "THE CAUSES AND EFFECTS OF PROFILING AFRICAN AMERICANS IN THE CRIMINAL JUSTICE SYSTEM" Christopher J. Schneider (Sociology), Dragan Milovanovic*, Department of Criminal Justice, Social Work, Sociology and Women's Studies.
- 12:30 PM "DRUNK DRIVING: SOCIAL JUSTICE OR POLITICAL CORRECTNESS" Sam Sakharina (Criminal Justice), Dragan Milovanovic*, Department of Criminal Justice, Social Work, Sociology and Women's Studies.

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Section 5
Student Union 218

Presiding: Laura Sanders, Earth Science
Discussants: Karen Bartels, Earth Science and Women's Studies;
Ana Fraiman, Chemistry; and Hans Upadhyay, Earth Science

- 9:30 AM "THE WORLD OF NANOTECHNOLOGY" David Velazquez (Chemistry), Warren Menezes*, Department of Chemistry, Earth Science and Physics.
- 9:50 AM "CHEMISTRY OF FIRE; PHASES AND REACTIONS" John Hetman (Chemistry), Yousef Atallah*, Department of Chemistry, Earth Science and Physics.
- 10:10 AM "ELECTROPLATING ANDESITIC ACATLAN IGNIMBRITE TO PLATINUM WIRE" Jose De Jesus Diaz Jr. (Undeclared), Karen Bartels*, Department of Chemistry, Earth Science and Physics and Member, Women's Studies Core Faculty.
- 10:30 AM "EVOLUTION OF BASALTIC ANDESITE MAGMA FROM THE ACATLAN VOLCANIC FIELD, JALISCO, MEXICO" Victoria A. Jennings (Graduate Student-At-Large), Jennifer L. Taylor (Earth Science), Karen Bartels*, Department of Chemistry, Earth Science and Physics and Member, Women's Studies Core Faculty.
- 10:50 AM "PLATE TECTONICS IN THE PRE-PHANEROZOIC TIME: FIELD AND PETROTECHTONIC EVIDENCE" Kevin A. Goldman (Earth Science and University Honors Program), Hans D. Upadhyay*, Department of Chemistry, Earth Science and Physics.
- 11:10 AM Break
- 11:30 AM "*ESCHERICHIA COLI* BACTERIA: POSSIBLE SOURCES AND EXTENT OF CONTAMINATION" Yvette S. Shiu (Earth Science), Laura Sanders*, Department of Chemistry, Earth Science and Physics.
- 11:50 AM "WELLHEAD PROTECTION PROJECT: MOMENCE, ILLINOIS" Elizabeth A. Rachman (Earth Science), Laura Sanders*, Department of Chemistry, Earth Science and Physics.
- 12:10 PM "SURFICIAL DEPOSITS OF THE KETTLE INTERLOBATE MORaine, WASHINGTON AND OZAUKEE COUNTIES, WISCONSIN" Daniel E. Bulger (Earth Science), Karen Bartels*, Department of Chemistry, Earth Science and Physics and Member, Women's Studies Core Faculty.

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Section 6
Student Union 219

Presiding: Paul Poskozim, Chemistry
Discussants: John Kasmer, Biology; John Thomas, Biology; and
Thomas Weaver, Chemistry

- 9:30 AM "HIGH-PERFORMANCE LIQUID CHROMATOGRAPHIC METHOD FOR DETERMINATION OF RESIDUE OF TRIAMCINOLONE ACETONIDE LOTION ON PHARMACEUTICAL SURFACES" Heidi Anderson (Chemistry), John Albazi*, Department of Chemistry, Earth Science and Physics.
- 9:50 AM "DEFORMULATION OF BECLOMETHASONE DIPROPLONATE MONOHYDRATE NASAL SPRAY" Julie Garcia-Sotak (Chemistry), John Albazi*, Department of Chemistry, Earth Science and Physics.
- 10:10 AM "EVALUATION OF REVERSED-PHASE HIGH PERFORMANE LIQUID CHROMATOGRAPHY AND NEAR-INFRARED SPECTROSCOPY FOR THE DETERMINATION OF RESIDUAL LIDOCAINE ON PHARMAEUTICAL MANUFACTURING SURFACES" Brent Kuckkan (Chemistry), John Albazi*, Department of Chemistry, Earth Science and Physics.
- 10:30 AM "USE OF ULTRASONIC VOCALIZATION TO MEASURE NEONATAL DRUG WITHDRAWAL AND ADULT RESPONSE TO A STRESSOR FOLLOWING *IN UTERO* EXPOSURE TO PHENOBARBITAL" Randolph D. Andrews (Biology), William J. Pizzi*, Department of Psychology.
- 10:50 AM "IMPORTANT CONTRIBUTIONS OF WOMEN IN MEDICINE" Marlene Jane Gill (Human Resouce Development), Lidia Filus*, Department of Mathematics.
- 11:10 AM Break
- 11:30 AM "MODELING AND SOLVING WORK SCHEDULE PROBLEM" Suha Z. Dajani (Mathematics), Lidia Filus*, Department of Mathematics.
- 11:50 PM "PROBABILITY DISTRIBUTION IN THE GAME OF MONOPOLY: STATISTICAL KEYS TO POSSIBLE WINNING STRATEGIES" Jacob S. Heiss (Mathematics and University Honors Program), Joo O. Koo*, Department of Mathematics.
- 12:10 PM "HARDWARE AND SOFTWARE TOOLS FOR A DIGITAL LOGIC LABORATORY" Norhan A. Mahmood (Computer Science and University Honors Program), Kumarss Naimipour*, Department of Computer Science.

Section 7
Golden Eagles Room

Presiding: Linda Rueckert, Psychology
Discussants: Margaret Condon, Psychology;
Lisa Hollis-Sawyer, Psychology and Women's Studies;
and Maureen Wang-Erber, Psychology

- 9:30 AM "EFFECTS OF DISPLAY FIELD SIZE VARIATION IN THE LANDMARK TASK" Harvey Gene McFadden (Psychology), Linda Rueckert*, Department of Psychology.
- 9:50 AM "EFFECT OF STIMULUS CONTEXT ON LATERAL ASYMMETRY IN THE LANDMARK TASK" Harvey Gene McFadden (Psychology), Linda Rueckert*, Department of Psychology.
- 10:10 AM "THE EFFECTS OF CLASS PERIOD ON MEMORY FOR VERBALLY PRESENTED INFORMATION" Timothy C. Zymantas (Psychology), Linda Rueckert*, Department of Psychology.
- 10:30 AM "COULD NEGATIVE STEREOTYPES HAVE POSITIVE OUTCOMES?" Pedro R. Nieves-Bosque (Psychology and University Honors Program), Chris P. Verros (Psychology), Denise M. Romanow (Psychology), Maureen Wang Erber*, Department of Psychology.
- 10:50 AM "PARASOCIAL RELATIONSHIPS AND THEIR ROLE IN WOMEN'S INTERPERSONAL RELATIONSHIPS" Nicole R. Bergard (Speech), Katrina Bell-Jordan*, Department of Speech and Performing Arts, Harold Hild*, Department of Speech and Performing Arts.
- 11:10 AM Break
- 11:30 AM "LIFE AT LABOURE: 'COMMUNITY' IN AN INTERGENERATIONAL CONGREGATE RESIDENCE" Laura Schneider (Psychology and University Honors Program), Susan Stall*, Department of Criminal Justice, Social Work, Sociology and Women's Studies and Member, Women's Studies Core Faculty.
- 11:50 AM "FAMILY SUPPORT FOR OLDER ADULTS IN CHINA AND THE UNITED STATES" Hongshui Yu (Gerontology), Lisa Hollis-Sawyer*, Department of Psychology and Member, Women's Studies Core Faculty.
- 12:10 PM "HOLLYWOOD'S PSYCHOTHERAPISTS: THE CINEMATIC PORTRAYAL OF THREE STEREOTYPES" Shannon Sawyer-Faingold (Psychology and University Honors Program), Margaret Condon*, Department of Psychology.

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Section 8
Student Union 003

Presiding: Shelley Bannister, College of Arts & Sciences
Discussants: Rohan De Silva, Sociology;
Julie H. Kim, English and Women's Studies;
and Rodney G. Higginbotham, Speech and Performing Arts

- 9:30 AM "GENETIC DISCRIMINATION: THE FICTIONAL WORLD OF THE X-MEN AS A MODEL FOR THE REAL WORLD" Mary Jo Chrabasz (Speech), Katrina Bell-Jordan*, Department of Speech and Performing Arts.
- 9:50 AM "THIS PAPER IS RATED 'R' BY THE MOTION PICTURE ASSOCIATION OF AMERICA: A NARRATIVE CRITICISM OF SOUTH PARK - BIGGER, LONGER & UNCUT" Thomas J. Foley (English/Secondary Education), Katrina Bell-Jordan*, Department of Speech and Performing Arts.
- 10:10 AM "THE USE OF PUNISHMENT AS THE NORMATIVE IN THE CRIMINAL JUSTICE SYSTEM" Mollie B. Dowling, (University of Arizona NSE/Women's Studies) Erica Meiners*, Department of Educational Leadership and Development and Member, Women's Studies Core Faculty.
- 10:30 AM "GIRLHOOD RECONSTRUCTED" Ellen M. Larrimore (University Honors Program), Erica Meiners*, Department of Educational Leadership and Development and Member, Women's Studies Core Faculty.
- 10:50 AM "THE SWORD AND THE PEN: DISCOVERING MEANING IN THE CONTEXT OF SHAKESPEARE'S *ROMEO AND JULIET* ACT ONE SCENE ONE" Keith Jennings (English), Timothy H. Scherman*, Department of English and Member, Women's Studies Core Faculty.
- 11:10 AM **Break**
- 11:30 AM "INTERVENTIONS AND TRANSITIONAL PLANNING FOR POST HIGH SCHOOL BEHAVIOR DISORDERED INDIVIDUALS" Jennifer Nieman (Special Education and University Honors Program), Kathleen Kardaras*, University Honors Program.
- 11:50 AM "INFLUX OF SCHOOL SHOOTINGS THROUGHOUT THE UNITED STATES" Christopher E. Walsh (Criminal Justice), Paul Sandoval (Criminal Justice), Dragan Milovanovic*, Department of Criminal Justice, Social Work, Sociology and Women's Studies.
- 12:10 PM "TRANSFER OF JUVENILES TO ADULT COURTS" Sean P. Fleming (Criminal Justice), Dragan Milovanovic*, Department of Criminal Justice, Social Work, Sociology and Women's Studies.
- 12:30 PM "GUILTY UNTIL PROVEN INNOCENT: UNDERCLASS OPPRESSION IN THE CRIMINAL JUSTICE SYSTEM" Richard Robles (Criminal Justice), Dragan Milovanovic*, Department of Criminal Justice, Social Work, Sociology and Women's Studies.

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POSTER PRESENTATIONS
GOLDEN EAGLES ROOM
12:30 TO 1:30 PM

**Presiding: John Albazi, Chemistry
and James Sprinkle, Biology**

1. "PHASE RELATIONS OF ANDESITIC ACATLAN IGNIMBRITE AT ATMOSPHERIC PRESSURE" Heather J. Rivera (Environmental Studies), Jose de Jesus Diaz Jr. (Undeclared), Karen Bartels*, Department of Chemistry, Earth Science and Physics and Member, Women's Studies Core Faculty.
2. "THE PERFORMANCE OF BREAKWATER PROTECTED BEACHES" Jason Meshberg (Earth Science), Charles Shabica*, Department of Chemistry, Earth Science and Physics.
3. "EXPERIMENTAL STUDY OF THE EFFECT OF OXYGEN FUGACITY ON LOW PRESSURE PHASE RELATIONS OF ALKALI BASALT FROM THE ACATLAN VOLCANIC FIELD, JALISCO, MEXICO" Ralph Capriglione (Earth Science), Kevin A. Goldman (Earth Science and University Honors Program), Margarita Ianeva (Earth Science/ Spanish), Yvette S. Shiu (Earth Science), Karen Bartels*, Department of Chemistry, Earth Science and Physics and Member, Women's Studies Core Faculty.
4. "THE REACTION OF NICKEL II NITRATE AND HOUSEHOLD BLEACH FOR USE IN CHEMISTRY LABORATORY COURSES: A PRELIMINARY REPORT" Barbara E. Obinger, Paul Poskozim*, Department of Chemistry, Earth Science and Physics.
5. "DEACTIVATION OF SECONDARY INTERACTIONS WITH BASIC COMPOUNDS IN REVERSED-PHASE LIQUID CHROMATOGRAPHY" Joseph Head (Chemistry), John Albazi*, Department of Chemistry, Earth Science and Physics.
6. "SOLIDS IN WATER" Niazy Haddadin (Chemistry), Yousef Atallah*, Department of Chemistry, Earth Science and Physics.
7. "CHARACTERISTICS OF THE TERRESTRIAL INVERTEBRATE COMMUNITIES OF NATURAL AREAS ON THE CAMPUS OF NORTHEASTERN ILLINOIS UNIVERSITY" Joe Henry (Biology), Nick Huber (Biology), John Kasmer*, Department of Biology and Exercise Science.
8. "DEBUGGING AND SOFTWARE DEVELOPMENT: BEST FINANCIAL SOFTWARE" Evelyn Onaiwu (Computer Science/General Business Administration and University Honors Program), Peter Kimmel*, Department of Computer Science.
9. "THE EVOLVING GARDEN: A HISTORICAL PERSPECTIVE ON THE CHANGING NATURE OF THE KINDERGARTEN EXPERIENCE IN AMERICA" Andrea Cohen (Elementary Education and University Honors Program), Kathleen Kardaras*, University Honors Program.

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10. "GENDER STEREOTYPE IN THE SCIENCE FICTION FILMS OF THE EIGHTIES AND NINETIES: A CONTENT ANALYSIS" Michael T. Scherman (Sociology), Martha Thompson*, Department of Criminal Justice, Social Work, Sociology and Women's Studies and Member, Women's Studies Core Faculty.
11. "PSYCHOLOGICAL VERSES PHYSICAL ATTRACTION IN DATING SELECTION UTILIZING THE MEDIUM OF THE INTERNET" Jennifer L. Lee (Psychology), Stacey Simpson (Psychology), Maureen Wang-Erber*, Department of Psychology.
12. "BRAIN HEMISPHERIC INTERPRETATION ON COMMUNICATION" Victoria L. Lombardo (Psychology), Linda Rueckert*, Department of Psychology.
13. "RACISM IN THE CRIMINAL JUSTICE SYSTEM" Thomas W. Lanser (Economics), Dragan Milovanovic*, Department of Criminal Justice, Social Work, Sociology and Women's Studies.

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A 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 Tenth Annual Northeastern Illinois University Student Research and Creative Activities Symposium in the year 2002.

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

John Albazi
Shelley Bannister
Karen Bartels
Katrina Bell-Jordan
Philip Brink
Jackie Campbell
Elaine Chakonas
Hong Gee Chen
Margaret Condon
Rohan De Silva
David Farmer
Ana Fraiman
Suzanne Gaskins

Roger Gilman
Richard Hallett
Rodney G. Higginbotham
Lisa Hollis-Sawyer
Kathleen Kardaras
John Kasmer
Julie H. Kim
Timothy Libretti
James MacDonald
Shahrazad Mahootian
Mostafa Maksy
Erica Meiners
Edward Odisho

Paul Poskozim
Rasoul Rezvanian
Linda Rueckert
Laura Sanders
Constance Speake
James Sprinkle
Masami Takahashi
John Thomas
Hans Upadhyay
Maureen Wang-Erber
Thomas Weaver
Daniel Wirth