Scholars Week Program

Friday, April 16, 2004

Oral Session

Business Building

Session 1 – Current Issues in Government
Room 403
Session Chair: Dr. Don Chamberlain
8:00 p.m. – 9:30 p.m.

Lindsay Chamberlain – MBA
The Streamlined Sales Tax Project
Lesley Hart – Accounting
A Program for all Americans
Allison Watson – Accounting
E-government
Jonathan S. Minton – Accounting
GASB 34
Deanna Coker – MPAc (Accounting)
The Federal Accounting Standards Board (FASAB)
Susan M. Hatcher – Accounting
The Truth Behind Economic Development and Financial Incentives
Shauna Kline – Accounting
Medicaid

Curris Center

Session 2 – History
Ohio Room
Session Chair: Dr. Z.B. Smetana
12:00 p.m. – 1:00 p.m.

Jason W. Marchmon – Sociology/History
Willing Technocracy: The Extension of Technology as Progress in Post World War II America
Dawn R. Hightree – History
Changing Patterns of Funerary Art in Greco-Roman Antiquity
George "Rob" Whitfield – Political Science & Philosophy
Political Significance of Islam Throughout History
Jason W. Marchmon – Sociology/History
The Machine Takes Center Stage: Representations of Technology in Early American Art

Monday, April 19, 2004

Oral Sessions

Price Doyle Fine Arts Building

Session 1 – Recital / Lecture
Farrell Recital Hall (Floor 3F)
Session Chair: Dr. Sonya Baker
3:30 p.m. – 4:30 p.m.

Mary Mather – Music
Comparison of the Female Characters in the Musical Works of Richard Rodgers and Oscar Hammerstein and of Stephen Sondheim

Session 3 – Psychology and Sociology
Barkley Room
Session Chair: Dr. Renae Duncan
1:00 p.m. – 3:30 p.m.

Sherry Bone – Psychology
Firefighters and The Impact of Traumatic Rescue - A Review of The Literature
Jesse Breneman – Psychology
Predictors of Attitudes Toward Drug Use
Danielle Walsh – Liberal Arts
Gender Construction in American Children's Television Programming
Gregory Scott Morgan – Psychology
Political Beliefs and Behaviors
Erin Mosser – Sociology
Stereotypical Gender Roles
Jason W. Marchmon – Sociology/History
Wrestler or Worker?: Mechanization, Individual Accomplishment and Collective Identity in Collegiate and Olympic Wrestling
Destiney Baker – Sociology/Psychology
The Cult of "Pro Ana"
Traca E. Allison – Criminal Justice
Offender Reentry: Programs That Work
Jason W. Marchmon – Sociology/History
Beyond the Market Value: Giving Real Value to the Term “Need”

7
Session 4 – Lawyers, Doctors, and Customer Service Providers: The Communication Connection
Ohio Room
Session Co-Chairs: Dr. Lou Tillson and Dr. Ed Brewer
4:00 p.m. – 5:00 p.m.

Trent Haddock – Organizational Communication
What are the Effects of Identity Management and Face Negotiation on Courtroom Communication?
Denise Brazzell – Organizational Communication
How Do Culture and Context Impact Health Communication?
LaCosta Beane-Hays – Organizational Communication
How Do Customer Culture and Customer Gender Affect Customer Service?

Session 5 – Honors Program: Senior Thesis Presentation
Barkley Room
Session Chair: Dr. Mark Malinauskas
4:00 p.m. – 5:00 p.m.

Connor Cantrell – Political Science/Spanish
The African Presence in Latin America and Afro-Hispanic Literature
Erin Richards – Journalism
Do Horses Neigh With an Accent? The Importance of Studying Abroad for Collegiate Equestrians
David Herring – Accounting
Opportunities with an Accounting Education

Poster Sessions
Curris Center
Session 1 – Sigma Xi Poster Competition
Large Ballroom
Session Chair: Dr. Renee Fister
9:00 a.m. – 12:00 p.m. Poster set up.
12:00 p.m. – 4:00 p.m. Poster judging.

01 - Catherine Aubee – German/Global Studies
Radio Telemetry of the Arizona Tiger Salamander, Ambystoma tigrinum nebulosum, in South-Central Colorado
02 - Jason A. Baker – Geosciences
Movement of Barrier Islands: Detecting the Relative Position Change of Assateague Island, Maryland
03 - Hannah Beard, Emily Vance, and Maggie Grosser – Biology
Methanogenic Diversity in the Sediments of the Ledbetter Bay Littoral Zone in Kentucky Lake
04 - Hannah Morgan Beard – Biology (Pre-Med)
Amplified Ribosomal DNA Restrictions Analysis of Archebacteria of the Littoral Zone of Ledbetter Embayment, Kentucky Lake.
05 - Barrett Brown – Chemistry and Biology
Alkyl- and Chlorophenol Concentrations in Sediment and Mussel Tissues from Selected Locations in Kentucky Lake
06 - T. Travis Brown – Wildlife Biology
Interactions Between Body Weight, Parasitism, and Stress of Peromyscus leucopus on Floodplain and Dry Sites.
07 - Craig Coombs and Chanda Smith – Environmental Engineering Technology
Atrizene in Drinking Water Wells
08 - Megan Dorgan-Carpenter – Geosciences
Mapping Environmental Effects of Chernobyl using Remote Sensing Applications
09 - Ronald Elder – Wildlife and Conservation
Effects of Soils and Hydrology in Determining Plant Community Composition in Ledbetter Embayment Mudflat of Kentucky Lake.
10 - Stuart Gibson – Geosciences
Detection and Classification of Oil Slicks in the Persian Gulf by Remote Sensing
11 - Jason Hill – Geosciences
Analysis of Land Use and Its Effects on Neighboring Stream Systems Using Remote Sensing in Western KY
12 - Jennifer Hughes – Mathematics
Immunotherapy: A Mathematical Control Theory Approach
13 - Pattraranee Limphong – Chemistry
The Photo-Degradation of β-Carotene in Chloromethane Solvents: Separation and Identification of Photoproducts

14 - Lindsay Marlow – Wildlife Biology
The Effects of UV-B Radiation on Tiger Salamander (Ambystoma tigrinum) Eggs From Different Regions.

15 - Clint Metzger, Prashant Bommi, and Beth Kobylarz – Chemistry
PCB Congeners and Chlorinated Pesticide Concentrations in Amphibians Collected From Western Kentucky

16 - Melissa M. Miller – Psychology
Factors Related to Memory of Pro- and Anti-War Material

17 - Brianna Moore – Middle School Education
The Factors Controlling the Growth of the Ledbetter Embayment Mudflat, Kentucky Lake Reservoir

18 - Elaine Moss – Mathematics
An Alternative Schedule for Double Elimination Tournaments

19 - Tera Rica Murdock – Chemistry
Exploring the Adenine-Binding Region of Antibiotic Resistance Enzyme

20 - Steven Quarcelino – Geoscience
Using Landsat Thematic Mapper data to Detect Turbidity Levels in Lake Barkley, Kentucky

21 - Herbert E. Sharp – Geosciences
A Study of Seismic Anomalies in the Mississippi Embayment

22 - C. Dewayne Sims – Geoscience
Comparison of Tasseled-Cap Transformation and Principal Component Analysis in an Unsupervised Classification of a Small Wetland Environment

23 - Tyler B. Swavely – Geoscience
An Analysis of Automatic Feature Detection of Murray Kentucky using Quickbird Satellite Imagery and ArcMap

24 - Maninder Kaur Virk – Biology
The Effects of Habitat Fragmentation on the Health of White-Footed Mice (Peromyscus leucopus).

25 - Lindsey K. White – Chemistry
Cooperative Interactions in the Laser-Induced Purple-to-Blue Transition of Bacterial Purple

Alexander Hall Atrium
5:00 p.m. – 7:00 p.m.

Session 2 – 2004 Sandra J. Flynn Graduate Symposium in Education
Session Co-Chairs: Dr. Joy Navan Wisanu “Aik” Krutngoen, and Dr. Mary Lou Yeatts

Educational Leadership
Masters Portfolios
Debra K. Brown Matt Dobson
Barry Leonard

Community and School Profiles
Kimberly Anderson Sherri Gibson
Dan Lavit Pamela Murphy
Jamie Scott C. David Thomas
Amie Tooley

Special Education
“The Impact of Inclusion on the Academic and Social Performance of Students With and Those Without Disabilities”
Ricky Hayes

Kentucky Reading Project: Literacy Action Plans
Comprehension: “Connecting All Parents, Teachers, and Students”
Tammy Diuguid Joan Hayman
Dana Henry Hanna Stark

Reading and Writing Across the Curriculum: “Real Life Reading Rocks!”
Theresa Garcia-Jones Vanessa Durfee
Jaclyn Tompkins Eric Martin

Gifted Education Endorsement Program
Service Learning Projects: Distance Mentoring Action Research
Bernard Harrington Toni Dorris
Laura Hobgood Jerri Huber
Amanda Mott Tania Workins

Gifted Education Program Design Action Research
Renee Mabry
Tuesday, April 20, 2004

Oral Sessions

Curris Center

Session 1 – C-RUI Research Symposium
Barkley Room
Session Chair: Dr. Howard Whiteman
12:30 p.m. – 2:30 p.m.

Hannah Morgan Beard – Biology, Pre-Med
Amplified Ribosomal DNA Restrictions Analysis of Archebacteria of the Littoral Zone of Ledbetter Embayment, Kentucky Lake.

T. Travis Brown – Wildlife Biology
Interactions Between Body Weight, Parasitism, and Stress of Peromyscus leucopus on Floodplain and Dry Sites.

Barrett Brown – Chemistry and Biology
Alkyl- and Chlorophenol Concentrations in Sediment and Mussel Tissues from Selected Locations in Kentucky Lake

Emily Vance – Molecular Biology
Temporal Change in Methanogenic Diversity in the Sediments of the Ledbetter Bay Littoral Zone at Kentucky Lake

Brianna Moore – Middle School Education
The Factors Controlling the Growth of the Ledbetter Embayment Mudflat, Kentucky Lake Reservoir

Ronald Elder – Wildlife and Conservation
Effects of Soils and Hydrology in Determining Plant Community Composition in Ledbetter Embayment Mudflat of Kentucky Lake.

Lindsay Marlow – Wildlife Biology
The Effects of UV-B Radiation on Tiger Salamander (Ambystoma tigrinum) Eggs From Different Regions.

Maggie Grosser – Wildlife Biology
Measuring the Diversity in the Methanogenic Community of Kentucky Lake with TRFLP

Session 2 – Economic Issues and Policies
Ohio Room
Session Chair: Dr. Jim McCoy
1:00 p.m. – 3:00 p.m.

Jennifer G. Thomas – Economics
Legalizing Gambling: Effects on the Economy at the State Level

Scott Swisher – Economics
American Health Care: Where Do We Go Now?

Mehnaz Reza – Economics
Outsourcing of American Jobs In the IT Industry

Clark Mills – Economics
Profit Through Immoral Behavior on Television

Brian M. Larbes – Economics
Are Human Rights Good for Business?

Megan L. Holler – Economics
The Effect of Tax Reductions on a Free Market Economy

Brian Adlich – Economics
Should Immigration Policy for Mexican Workers be Changed?

Session 3 – “Hear the One About...the Volunteer, the Comedian, and the Inattentive Employee? ”
Ohio Room
Session Co-Chairs: Dr. Lou Tillson and Dr. Ed Brewer
3:30 p.m. – 4:30 p.m.

Jenn Lanning – Organizational Communication
How Do Organizational Culture and Leadership Styles Affect Volunteer Motivation and Retention?

Jerry Drye – Organizational Communication
How Do Humor and Storytelling Impact Organizational Rhetoric?

Gentzy Franz – Organizational Communication
What is the Impact of Effective Listening on Job Performance and Role Ambiguity?
Session 4 – Modern Language:
Senior Colloquium – 2004
Barkley Room
Session Chair: Dr. Janice Morgan
3:30 p.m. – 5:30 p.m.
- Alicia Ray – Spanish and Print Journalism
- Ingrid Mabel Thompson - Spanish Education
- Nora Ehrsam – Spanish
- Julie Hendrickson – Spanish
  Indigenous Themes in the Works of Rosario Castellanos
- Patricia Lovett – Spanish
  Julio Cortazar and Fantastic Literature
- Rhonda Wicker – Spanish
  Ten Rules of the Perfect Short Story According to Horacio Quiroga
- Melissa M. Miller – French
  The Satirical Genius of Voltaire as Shown in Zadig, Micromegas, and Candide

Poster Sessions
Curris Center
Session 1 – Psychology
Concourse West
Session Chair: Dr. Paula Waddill
9:30 a.m. – 10:30 a.m.
01 - Craig R. Bayens – Psychology
  Tattoos, Attractiveness, and Perceptions of People’s Personalities
02 - Jesse Breneman – Psychology
  Memory Span and Learning Categories
03 - Mie Endo – Psychology
  Aggression and Two Forms of Narcissism
04 - Kristin N. Hale – Psychology
  Mental Illness and Insanity Defenses
05 - Amanda Law – Psychology
  Caucasian Students’ Perceptions of Interracial Dating
06 - Alicia Mathis – Psychology
  Cosmetic Use, Fashion Magazines, and Self-esteem
07 - Michelle Matzke – Psychology
  Tolerance of Relationship Violence
08 - Melissa M. Miller – Psychology
  Factors Related to Memory of Pro- and Anti-War Material
09 - Josh Smith – Psychology/Biology
  Authority and Attributions About Diseases
10 - Brittany Varvel – Psychology
  Impressions of Stay-at-Home and Working Parents

Session 2 - Sigma Xi Poster Session
Poster Finalist Judging
Large Ballroom
2:30 p.m. – 4:00 p.m.

Sigma Xi Banquet
Large Ballroom
6:30 p.m. – 8:30 p.m.

Performance
Price Doyle Fine Arts Building
Woodwind Chamber Music Recital
Performing Arts Hall
8:00 p.m.

Students of Dr. Scott Erickson
Lindsey Groves        Clark Evans
Rachel Dinwiddie      Tim Zeiss
Ronnie Walls          Rebecca Cripps
Alex Grimm            Viki Morris
Matt Morris           Mike DiPasquale

Students of Dr. Stephanie Rea
Ashley Mattingly      Carrie Novinsky
Kristy Gaffney        Krista Clayton
Angela Madden         Alyson Owens
Heather Waters

Students of Dr. Scott Locke
Sarah Ledbetter       Debra Lanham
Meagan Hall           Beth Wilhem
Sharon Gill           Brian Kelly
Billy Arnold          Chris Yoo
Brianna Jennings      Joseph Garrett
Rachel Dinwiddie      Kelly Stovall
Ashley Mattingly      Nathan Carroll
Theresa Leubbers
Wednesday, April 21, 2004

Poster Session

Curris Center

Session 1 – General Session*
Small Ballroom
9:00 a.m. – 11:30 a.m.
* Students will be with their posters from 10:30 a.m. to 11:30 a.m.
** Sigma Xi Poster Competition Participant

01 - Catherine Aubee – German/Global Studies
Radio telemetry of the Arizona Tiger Salamander, Ambystoma tigrinum nebulosum, in South-Central Colorado**
02 - Jason A. Baker – Geosciences
Movement of Barrier Islands: Detecting the Relative Position Change of Assateague Island, Maryland**
03 - Craig R. Bayens – Psychology
Tattoos, Attractiveness, and Perceptions of People’s Personalities
04 - Hannah Beard, Emily Vance and Maggie Grosser – Biology
Methanogenic Diversity in the Sediments of the Ledbetter Bay Littoral Zone in Kentucky Lake**
05 - Hannah Morgan Beard – Biology (Pre-Med)
Amplified Ribosomal DNA Restrictions Analysis of Archebacteria of the Littoral Zone of Ledbetter Embayment, Kentucky Lake.**
06 - Jamie Berkheimer, Amber Johnson, Heather White – Organizational Communication
College Life
07 - Whitney Bradley, Keith Morhet, and Mike Dail – Organizational Communication
Big Help for Big Brothers Big Sisters
08 - Jesse Breneman – Psychology
Memory Span and Learning Categories
09 - Brooke Brittain, Christina Daniels, Jessica Williams, and Staci Wolff
Reward Preferences Among Third Grade Children
10 - Barrett Brown – Chemistry and Biology
Alkyl- and Chlorophenol Concentrations in Sediment and Mussel Tissues from Selected Locations in Kentucky Lake**
11 - T. Travis Brown – Wildlife Biology
Interactions Between Body Weight, Parasitism, and Stress of Peromyscus leucopus on Floodplain and Dry Sites.**
12 - Michael A. Burken – Psychology
Concepts of Employment: Attitudes Toward and Possible Employment of People with a Serious Mental Illness
13 - Laramie Carson – Outdoor Recreation
Angel's Attic
14 - Brooke Comperry, Cherrie Northcutt, Elaine Orr, and Ryan Westbrook – Nutrition
Liquid Supplementation Acceptance
15 - Craig Coombs and Chanda Smith – Environmental Engineering Technology
Atrizene in Drinking Water Wells**
16 - Chanel Crutchfield, Maegan Worley, and Courtney Rutledge – Journalism
The Party
17 - Amanda Davis, Margaret Gough, and Amy Newsom – Social work
Steppin’ Country Style
18 - Lindsey Donoho, Brandon Chandler, and David Hayden – Agriculture
Evaluation of Dark Fire-Cured Tobacco Experimental Varieties
19 - Megan Dorgan-Carpenter – Geosciences
Mapping Environmental Effects of Chernobyl using Remote Sensing Applications**
20 - Anis Drira and Thymour Legba
Engineering Physics
Development of a Rowing Scoreboard using GPS Technology
21 - Jamus Edwards – Organizational Communication
What on Earth am I Here For?
22 - Ronald Elder – Wildlife and Conservation
Effects of Soils and Hydrology in Determining Plant Community Composition in Ledbetter Embayment Mudflat of Kentucky Lake.**
23 - Mie Endo – Psychology
Aggression and Two Forms of Narcissism
24 - Natasha Ennels – Organizational Communication
Goodtimes with the Cha-Cha: An After School Program
25 - Stuart Gibson – Geosciences
Detection and Classification of Oil Slicks in the Persian Gulf by Remote Sensing**
26 - Veronica A. Godin – Chemistry
Elemental “Fingerprinting” of Cigarettes
27 - Kristin N. Hale – Psychology
Mental Illness and Insanity Defenses
28 - Chad Hall and Jesse Gray – Agriculture
Weed Control and Crop Tolerance Provided by Potential Herbicide
29 - Meghan Hamilton, Lanah Miller, and Amy Sanders – Nutrition
Calcium and Weight Loss: A Correlation Study
30 - Ricky Hayes – Special Education
The Impact of Inclusion on the Academic and Social Performance of Students With and Those Without Disabilities.
31 - Cory Hicks and Josh Monroe – Agriculture
Comparison of Nitrogen Rates for Dark-Fired Tobacco

32 - Jason Hill – Geosciences
Analysis of Land Use and Its Effects on Neighboring Stream Systems Using Remote Sensing in Western KY

33 - Todd Hoffmann, Dustin Blazer, Charles Pruitt, and John Tucker – Engineering Physics
NASA Moonbuggy Project

34 - Megan Hourigan – Social Work
Helping Hands Collecting Cans

35 - Jennifer Hughes – Mathematics
Immunotherapy: A Mathematical Control Theory Approach

36 - Meigan Jackson and Scott Lowe – Agriculture
Evaluation of Dark Fire-Cured Tobacco Varieties

37 - Melissa Jenkins, Laura Culver, and Mandy Jenkins – Social Work
Bundle up Murray with Blankets

38 - Erin Kirby – Interdisciplinary Early Childhood Education
Angel's Attic

39 - Amanda Law – Psychology
Caucasian Students' Perceptions of Interracial Dating

40 - Kristina M. Lee – Communication Disorders
Disfluency Treatment Statistics

41 - Pattraranee Limphong – Chemistry
The Photo-Degradation of β-Carotene in Chloromethane Solvents: Separation and Identification of Photoproducts

42 - Lindsay Marlow – Wildlife Biology
The Effects of UV-B Radiation on Tiger Salamander (Ambystoma tigrinum) Eggs From Different Regions

43 - Alicia Mathis – Psychology
Cosmetic Use, Fashion Magazines, and Self-esteem

44 - Michelle Matzke – Psychology
Tolerance of Relationship Violence

45 - Clint Metzger, Prashant Bommi, and Beth Kobylarz – Chemistry
PCB Congeners and Chlorinated Pesticide Concentrations in Amphibians Collected From Western Kentucky

46 - Melissa M. Miller – Psychology
Factors Related to Memory of Pro- and Anti-War Material

47 - Joseph Moneymaker – Elementary Education
Using Award Winning Literature in the Classroom

48 - Brianna Moore – Middle School Education
The Factors Controlling the Growth of the Ledbetter Embayment Mudflat, Kentucky Lake Reservoir

49 - Elaine Moss – Mathematics
An Alternative Schedule for Double Elimination Tournaments

50 - Tera Rica Murdock – Chemistry
Exploring the Adenine-Binding Region of Antibiotic Resistance Enzyme

51 - Lauren Noel, Amanda Edmondson, and Annie Leigh Cruse Organizational Communication
What a Girl Wants

52 - Casey Osburn – Psychology
HANDS (Helping Area Needy with Donations)

53 - Steven Quarecelino – Geoscience
Using Landsat Thematic Mapper Data to Detect Turbidity Levels in Lake Barkley, Kentucky

54 - Catherine Seaton – Therapeutic Recreation/YNL
F.A.C.T.

55 - Herbert E. Sharp – Geosciences
A Study of Seismic Anomalies in the Mississippi Embayment

56 - C. Dewayne Sims – Geoscience
Comparison of Tasseled-Cap Transformation and Principal Component Analysis in an Unsupervised Classification of a Small Wetland Environment

57 - Josh Smith – Psychology/Biology
Authority and Attributions About Diseases

58 - Tyler B. Swavely – Geoscience
An Analysis of Automatic Feature Detection of Murray Kentucky using Quickbird Satellite Imagery and ArcMap

59 - Brittany Varvel – Psychology
Impressions of Stay-at-Home and Working Parents

60 - Maninder Kaur Virk – Biology
The Effects of Habitat Fragmentation on the Health of White-Footed Mice (Peromyscus leucopus)

61 - Kirby Watts – Fisheries and Aquatic Science
Fall Crappie Study Of Kentucky Lake

62 - Allison Webster and Lindsey Phillips
Public Relations
Disaster Institute

63 - Lindsey K. White – Chemistry
Cooperative Interactions in the Laser-Induced Purple-to-Blue Transition of Bacterial Purple

Moonbuggy Team Members Include:
Dustin Blazer, Amanda D’Angelo, Todd Hoffman, Charles Pruitt, and John Tucker
President’s Scholars Week
Luncheon*
Large Ball Room
Moderator: Dr. John Mateja
11:30 a.m. – 1:00 p.m.

President’s Welcome:
Dr. F. King Alexander

Recognition of:
1) MSU Alumni Association Distinguished Researcher Award Recipient
   Introduction: Dr. Gary Jones
   Presentation: Dr. F. King Alexander
2) CISR Presidential Research Fellows
   Presenter: Dr. Chuck Hulick
3) Sigma Xi Award Recipients
   Presenter: Dr. Bommann Loganathan
4) URSA Grant Recipients
   Presenter: Dr. John Mateja

MSU String Quartet
Students of Dr. Frederick Ripley
Ashley Clapp  Blair Joseph
Josh Coffey  Laura Fuller

*Open to all Scholars Week student presenters and their faculty mentor/sponsors.

Oral Sessions
Curris Center

Session 1 – College of Education:
Teacher Education Services
Crows Nest – 3rd Floor Curris Center
Session Chair: Dr. Jeanie Robertson
9:30 a.m. – 1:30 p.m.

Lisa Armstrong – Elementary Education
Leslie Bizzle – Elementary Education
Deonna McCord – English
Student Teacher’s Eligibility Portfolio

Session 2 – Humanities and Education
Ohio Room
Session Chair: Dr. Gina Claywell
1:30 p.m. – 3:00 p.m.

Jason W. Marchmon – Sociology/History
Belief or Science? The Philosophical Framework of Theoretical Science

Jennifer Oyler – Elementary Education
Veteran Teachers Receive Professional Development from High-Tech Student Teacher

Jason W. Marchmon – Sociology/History
Shell-shock on the Home Front: Approaching the Sense of Otherness in Frank O’Connor’s “My Oedipus Complex”

Taylor Ewing – Spanish
Number Majority, Power Minority: The Reality of Hispanic Life in the United States

Jason W. Marchmon – Sociology/History
The Machines Had All the Cards: An Exploration of the Dystopian Themes of Kurt Vonnegut

Session 3 – MSU Alumni Association Distinguished Researcher Award Colloquium
Curris Center Theater
Session Chair: Dr. Bill Mulligan
1:30 p.m. – 2:30 p.m.

Presenter:
Dr. David White
2002 Distinguished Researcher Award Recipient

Session 4 – Honors Seminar in Science Symposium
Barkley Room
Session Chair: Dr. Howard Whiteman
2:00 p.m. – 3:15 p.m.

Erika Compton, Erin Schaubeger, and Kayla Shewcraft – Elementary Education
Our Education System’s Contribution to a Scientifically Illiterate Society

Matt Clemson, Amanda Carter, and Eric Geissler – Finance
The Science of Economics in the United States

Connor Cantrell and Taylor Ewing – Political Science/Spanish
Science and Technology in Modern Warfare

Kayla Turner, Patrick Howell, Brandon Dick, and Laura Kight – Honors Seminar in Science
Stem Cell Research

Erin Richards – Journalism
The Doctor is Out: The Effectiveness of Aromatherapy, Herbs, and Homeopathy in Horses
Thursday, April 22, 2004

Oral Sessions

Curris Center

Session 1 – Symposium on Research Integrity and Ethics
Curris Center Theater
Session Chair: Mr. Michele Wetherholt
12:00 p.m. – 5:00 p.m.

Aaron Manka, Ph.D.
National Science Foundation
Ethical Research and Research Misconduct in the Laboratory
Crystal Blackshear
National Science Foundation
Laws, Rules, and Regulations Governing Student Research
Kay Fields, Ph.D.
Department of Health and Human Services
Problems in Research Integrity Arising from Misconceptions About the Ownership of Research

Session 2 – Science and Mathematics
Ohio Room
Session Chair: Mark Masthay
12:30 p.m. – 2:30 p.m.

Kelly Jo Boarman – Chemistry
Study of Cisoid 1,4-diphenyl-1,3-butadienes
Brian Steven Hale – Engineering Technology
Model for Depletion of Resources Due to Growing Population
Elaine Moss – Mathematics
An Alternative Schedule for Double Elimination Tournaments

Ross Jones – Chemistry (Pre-Med)
The Photo-Degradation of β-Carotene in Chloromethane Solvents
Tera Rica Murdock – Chemistry
Exploring the Adenine-Binding Region of Antibiotic Resistance Enzyme
Natalie Wendt – Chemistry and Biology
Study of Cisoid 1-Alkyl-1,4-diphenyl-1,3-butadienes
Satinder Sidhu – Biomedical Sciences
Inhibition of Differentiation by Chondroitin Sulfate in the Presumptive Head Region of Early Chick Embryo
Natalie Kay Baker – Occupational Safety and Health
Ergonomic Case Study

Session 3 – Modern Language: Senior Colloquium – 2004
Barkley Room
Session Chair: Dr. Janice Morgan
2:30 p.m. – 5:00 p.m.

Elizabeth Trice – Spanish and Radio/Television
The Color of Our Skin: Race Mixture in Mexico
Taylor Ewing – Spanish
Afrohispanic Poetry
Connor Cantrell – Spanish
Race Relations in Mexico and Celestino Gorostiza's Play, "The Color of Our Skin"
Lori Bright – Spanish
The Influence of Poe in Horacio Quiroga
Nathan Smith – German
From Immoral Love to Lonely Death in the German Novella
Catherine Aubee – German/Global Studies
Von Trotha: A Case Study in the Dynamics of German Aristocracy
Amanda Miller – Spanish/Psychology
Representation of Cultural Identity in Mexican-American Literature
Deanna Futrell – Spanish
Women in Spain After the Reign of Francisco Franco
Kevin Smothers – Political Science/Spanish
Transitional Government in Spain

Session 4 – Honors Program: Senior Thesis Presentation
Barkley Room
Session Chair: Dr. Mark Malinauskas
5:30 p.m. – 6:30 p.m.

Elizabeth Trice – Spanish, Radio/Television
Spanish Cinema Under the Dictatorship of Francisco Franco
Amanda Miller – Psychology/Spanish
_Humor Styles and Individual Factors: A Correlational Study_

Shelly Harris – Creative Writing and Literature
_Louise Erdrich and Lee Smith: Seeking the Future in the Past_

Drew Thompson – Political Science
_Operation Iraqi Freedom and the Just War Tradition_

Lindsay Tooley – Political Science
_Who Has Power in the German Political System?_

Jason W. Marchmon – Sociology/History
_The “No More Hanging Chads” Syndrome: Voting, Democratic Values, and the Technological Fix_

Performance

Lovett Auditorium

**Symphonic Band and Jazz II Concert**

**Director: Mr. John Fannin**

8:00 p.m.

**Symphonic Band Members**

Trisha Abbott
Lee Ann Darnell
Katie Harrison
Carrie Novinsky
Matthew Morris
Akiko Abe
Jessica Crockett
Brianna Jennings
Theresa Luebbers
Katie Villanueva
Mike Youngstrom
Bryan Kelly
Alyson Owens
Ronnie Walls
Rob Watford
Matthew Engle
Megan Luse
Mark Woodring
John Kelly
Amanda Wallace
Whitney Bivens
Chuck Morris
Craig Schwenker
David Carmichael
Lee Nuckols
Andy Hill
Ross Nelson
Stewart Bozarth
Tessa Hardwick
DeBreyon McCoy
Brandon Passmore

**Jazz II Members**

Chase Browning
Rachel DinnWiddie
Ron Wolford
Luke Maddox
Jason Schwenker
Stephen Kerstiens
Ryan Aldrich
Ben Rice
Stewart Bozarth
Calvin Bozarth

Friday, April 23, 2004

Oral Session

Business Building

Session 1 – Current Issues in Government

Room 403

Session Chair: Dr. Don Chamberlain

8:00 p.m. – 9:00 p.m.

**Bryan Meurer – Accounting**
_Healthcare in America_

**David Herring – Accounting**
_The Single Audit Act_
April 23, 24, and 25, 2004

Performance
Price Doyle Fine Arts Building
Robert E. Johnson Theatre
April 23 and 24 – 7:00 p.m.
April 25 – 2:30 p.m.

MSU Department of Theatre and Dance
presents
Inside My Twisted Mind
an evening of contemporary dance
Artistic Director: Ivan Pulinkala

Free to MSU Students with valid ID
Tickets: $10 – General admission; $7 – faculty and staff AARP, and other students. Reservations: 270-762-4421

MURRAY STATE UNIVERSITY
DANCE COMPANY

Alissa Volp  Pamela Gray
Michelle Meyer  Kevonna Bell
Rebecca Lee  Melissa Sullivan
Lori Upton  Morgan Carlise
Mary Mather  Carrie Hommert
Racheal Alberta  Adam Ellis
Marteze Hammonds  Shannon Miller
Ashley McClean  Katie Arnzen
Amanda Knight  Elizabeth Glantz
Camilla Buckingham  Bailey Murphey

Students Mark Borum and Paloma Ho blend technical precession with movement that is wild and delightfully creative.

Program
Secret Garden: Choreography by Ivan Pulinkala
Burden: Choreography by Michelle Meyer
Steg. Fisk: Choreography by Alix Miller Gauslin
To Be Baptized: Choreography by Ivan Pulinkala
Inside My Twisted Mind:  Choreography by Ivan Pulinkala

Intermission
Lost Objects:  Choreography by Caitlin Trainor
Flirt:  Choreography by Mark Borum
Untitled:  Choreography by Michelle Meyer
Touchdown:  Choreography by Ivan Pulinkala
Notes