

2011 - 2012 Executive Board

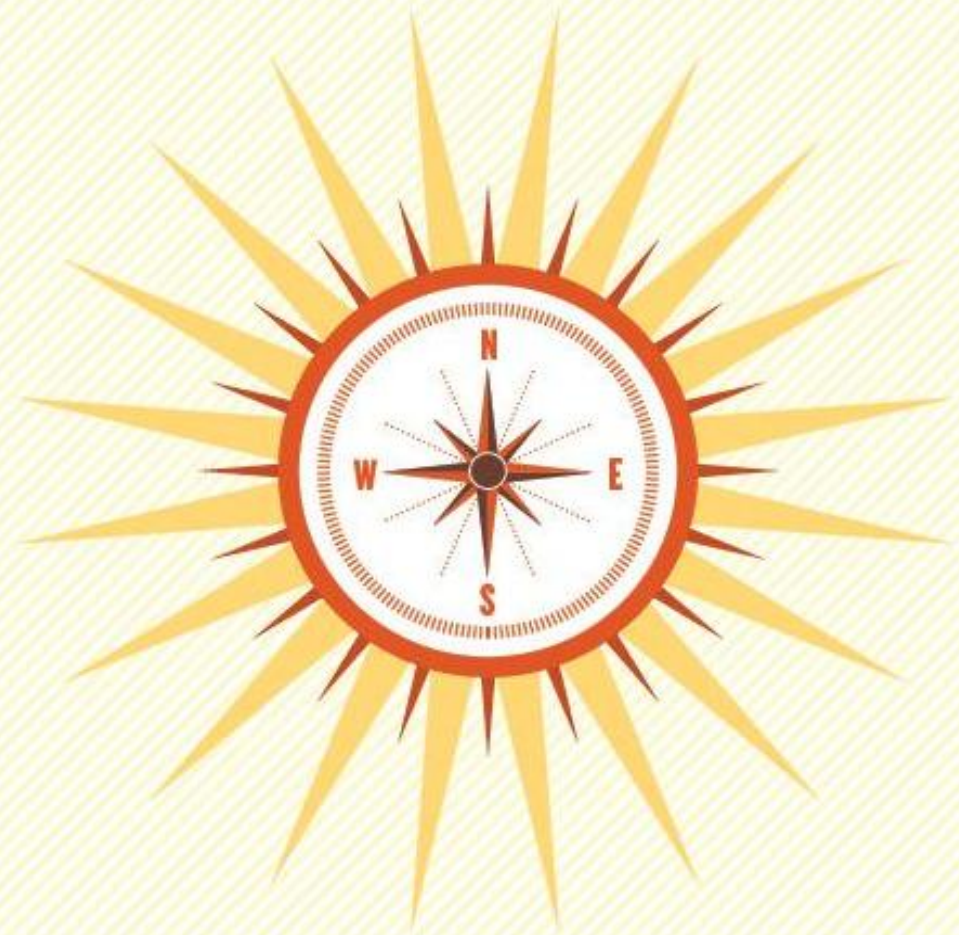
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Michael Allen	Symposium Chair
Rachel Undercoffer	Administrative Assistant
Dr. Kate McAnulty	Faculty Advisor

The Graduate Student Senate (GSS) represents all graduate students of Kent State University. The Graduate Student Senate serves as an allocation body by providing funding to graduate students and graduate organizations for speakers, workshops, social events and professional travel.



www.kent.edu/graduatestudies/gss

Contact: gss@kent.edu



Academic Courage:
Navigating Research Innovations

27th
ANNUAL

**Graduate Research
Symposium**

APRIL 5th-6th
2012

Sponsored by Graduate Student Senate

GSS@kent.edu

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Oral Presentations

KSC Room 310C: Biology, Health, and Social Problems Part II

11:00AM: Duolink II In Situ Proximity Ligation Assays Reveal Interaction Of 14-3-3 Protein Isoforms With CDC25B Phosphatase In Mouse Oocyte Maturation by SANTANU DE, DOUGLAS KLINE of Department Of Biological Science, Kent State University
Keywords: CDC25B, 14-3-3, Interaction

11:15AM: Holocene Hydrologic Variability Reconstructed Using The Phytoplankton Succession Of A Small Closed Basin Lake In South Western British Columbia, Canada by LORITA MIHINDUKULASOORIYA¹, ORTIZ JOSEPH¹, MARK ABBOTT², DAVID POMPEANI², BYRON STEINMAN² of Department Of Geology, Kent State University¹, Department Of Geology And Planetary Science, University Of Pittsburgh²
Keywords: Lake Productivity, Spectral Reflectance, Holocene Climate

11:30AM: Stabilization Of Blue Phase Liquid Crystals Using Uv Curable Nanoparticles by EMINE KEMIKLIOGLU, JEOUNG-YEON HWANG, LIANG-CHY CHIEN of Liquid Crystals Institute, Kent State University
Keywords: Polymer Stabilized Blue Phase, Bragg Reflection, Temperature Independent

11:45AM: The Effect Of Peer Influence On Treadmill Exercise In Collegiate Distance Runners And Non-Runners by ANDREW CARNES of School Of Health Sciences, Kent State University
Keywords: Peer Influence, Running, Exercise

12:00PM: Validating The Radimer Hunger Scale In Hiv/Aids Population: An Exploratory Factor Analysis by AIMEE BUDNIK, SCOTT OLDS, VINAY CHERUVU of College Of Public Health, Kent State University
Keywords: Food Security, HIV, Psychometric Properties

12:15PM: The Fate Of Today's Decapod Crustaceans In Coral Reefs: Lessons From The Past? By ADIËL KLOMPMAKER of Department Of Geology, Kent State University
Keywords: Decapod Crustaceans, Fossils, Coral Reefs

Student Volunteer: Adam Cinderich

Faculty Judges: Drs. Kenneth Burhanna; Sloane Burgess

Oral Presentations

KSC Room 310C: Biology, Health, and Social Problems Part II

9:30AM: Can You Hear Me Now? Sext Messaging: Investigating The Uses And Effects Of New Mediated Communication Technologies by MOLLY TAGGART of College of Communication & Information, Kent State University
Keywords: Sexting, Texting, Mobile Communication, Media Uses And Effects

9:45AM: Field Induced Biaxial Order And Differential Quenching Of Fluctuations In A Uniaxial Nematic With Negative Dielectric Anisotropy by VOLODYMYR BORSHCH, SERGIJ SHYANOVSKII, OLEG LAVRETOVICH of Liquid Crystals Institute, Kent State University
Keywords: Field-Induced Biaxiality; Fluctuations; Nematic Liquid Crystal

10:00AM: Triangular Flow Of Charged Particles In Heavy Ion Collisions From Star Experiment At Rhic by YADAV PANDIT of Department of Physics, Kent State University
Keywords: Heavy Ion Collisions Azimuthal Anisotropy Triangular Flow

10:15AM: Field Induced Quantum Criticality In Ytterbium Substituted Cerium Cobalt Indium Five (Cecoin5) by YOGESH SINGH of Department Of Physics, Kent State University
Keywords: Superconductivity, Quantum Criticality, Heavy Fermions

10:30AM: Ionization Properties Of Phosphatidylinositol 4,5-Bisphosphate In Complex Ternary Lipid Systems by ZACHARY GRABER¹, ARNE GERICKE², EDGAR E. KOIJMAN³ of Department Of Chemistry, Kent State University¹, Department Of Chemistry, Worcester Polytechnic Institute², Department Of Biological Science, Kent State University³
Keywords: Phosphatidylinositol 4,5-Bisphosphate, Ionization Properties, Lipid Bilayer

Break: 10:45 - 11:00AM

Welcome Letter

On behalf of the Graduate Student Senate, I would like to welcome you to the 27th Annual Graduate Research Symposium, *Academic Courage: Navigating Research Innovations*. This year, we have over 100 abstracts from a variety of disciplines. We are pleased to welcome student papers from Kent as well as other Ohio universities. Thank you in your efforts in making this year's Symposium a regional conference and collaborative success!

Our own Dean Daniel Mahony is this year's keynote speaker. Currently, the Dean of the College of Education, Health, and Human Services, Dr. Mahony is a graduate of The Ohio State University and previously has served as a professor and associate provost at the University of Louisville. His presentation *The Joy of Failure: What You Don't See on a C.V.* brings a unique perspective on what is needed to achieve academic, professional, and personal goals. Respected throughout the academic community with over 50 publications and a book entitled *Economics of Sport*, Dr. Mahony is a Research Fellow for the National American Society for Sports Management (NASSM) and recently won the Earle F. Zeigler Award for his influential role as a research scholar.

Dr. W. Grant McGimpsey also exemplifies the values of research and scholarship. Named as Vice President for Research in August 2011, Dr. McGimpsey brings his experiences as the director of the Worcester Polytechnic Institute to Kent State. While at WPI, he was part of million dollar research adventures and served as professor of biomedical engineering. Dr. McGimpsey will speak to Symposium participants at the awards luncheon.

Thank you for your participation in making this year's Symposium a historic event! It takes innovation & courage to achieve great things, and together we are all on the right path!

On Behalf of Graduate Student Senate,

Michael J. Allen
GSS Symposium Chair

Schedule of Events

Thursday, April 5, 2012

Keynote Address 4:30PM

Kent Student Center KIVA

Featuring *The Joy of Failure: What You Don't See on a C.V.*

Keynote Speaker: Dr. Daniel Mahony

Dean of Education, Health, and Human Services

Friday, April 6, 2012

Registration 8:30AM – 11:00AM

2nd Floor Kent Student Center Ballroom

Oral Presentations 8:30AM – 12:30PM

Kent Student Center Rooms 307-310

Poster Presentations 10:30AM – 12:30PM

2nd Floor Kent Student Center Ballroom

Awards Luncheon 1:00PM - 3:00PM

Kent Student Center Ballroom

Luncheon Speaker: Dr. W. Grant McGimpsey

Vice President for Research

Oral Presentations

KSC Room 310B: Information and Empowerment

11:00AM: **Wait, What Did That Say? Memory Effects In Political Comparison Ads And Rebuttals** by REBECCA DINGUS of School Of Management, Kent State University
Keywords: Continued Influence, Effect Comparison, Advertisements, Political Advertising

11:15AM: **Regulating Rights: Balancing Copyright And Fair Use Of Information In A Digital Age** by REKHA SHARMA of College of Communication & Information, Kent State University
Keywords: Copyright, Fair Use, Communication

11:30AM: **Framing The Text In British Working Women's Life Writing** by SARAH MACDONALD
of Department Of English, Kent State University
Keywords: Life Writing, Women, Framing

11:45AM: **Iraq's De-Ba'athification: Analyzing The Degrees To Which The Implemented Policy Reflected The Particular Rationales** by AYSEGUL KESKIN ZEREN of Department Of Political Science, Kent State University
Keywords: De-Ba'athification, Iraq, Lustratio

12:00PM: **When The Fog Dissipates: The Choice Between The Value Creation And Value Appropriation Strategic Emphasis In A Partner As A Function Of Information Asymmetry** by TODD MORGAN, SERGEY ANOKHIN of Department Of Marketing And Entrepreneurship, Kent State University
Keywords: Equity Partnerships, Strategic Emphasis, Competitive Advantage

12:15PM: **Using The Arts For Economic Development** by TRICIA OSTERTAG of Public Administration & Urban Studies, University Of Akron
Keywords: Arts, Community, Development

Student Volunteer: Rachel Will

Faculty Judges: Drs. Mandy Munro-Stasiuk, Scott Grey, Carol Radcliff

Oral Presentations

KSC Room 310B: Information and Empowerment

8:45AM: A Case Study: Chinese Immigrant Families' Literacy Practice In Heritage Language Maintenance by SHU-HUI LIN of Teaching, Learning, & Curriculum, Kent State University
Keywords: Case Study, Chinese Immigrant Families, Heritage Language Maintenance

9:00AM: "Their Blood Cries Out": Religious Zealotry And The Prophetic Modes Of Democratic Dissent In America by BRENDAN WRIGHT of Department Of Political Science, University Of Michigan
Keywords: Religion And Politics, Political Theory, Democracy

9:15AM: State Policy And African American Voter Turnout In Presidential And Midterm Elections: 1996-2008 by BRIDGETT KING of Department Of Political Science, Kent State University
Keywords: Voting, Political Participation, State Policy

9:30AM: Impact Of Identity On Foreign Policy by CAGLAYAN CETIN of Department Of Political Science, Kent State University
Keywords: Identity, Foreign Policy, International Relations Theories

9:45AM: Saving For Retirement: Financial Literacy And Behavioral Biases by COLLEEN TOKAR ASAAD of College Of Business Administration, Kent State University
Keywords: Behavioral Finance; Financial Literacy; Retirement;

10:00AM: Information Processing In Bible Study Groups by DARIN FREEBURG of School Of Library and Information Science, Kent State University
Keywords: Small Groups, Information Processing, Churches

10:15AM: The Life And Death Of The "Clash" Narrative For Islamic-Western Relations, 1990-2011 by DOUG PENHALLEGON of Department Of Political Science, Kent State University
Keywords: Clash Civilizations Meta-Analysis

10:30AM: The Nature Of Women's Empowerment In Turkmenistan by MAYAGUL SATLYKGYLJOVA of School Of Foundations, Leadership, & Administration, Kent State University
Keywords: Empowerment, Women, Turkmenistan

Break: 10:45 - 11:00AM

Special Thanks to All Those Involved!

Organizations: Kent State University, Department of Geography, College of Public Health, Graduate Studies, Signum Design, Akron's Graduate Student Government, Kent State University Libraries, Kent State Department of Recreational Services

Individuals: Dr. Dan Mahony, Dr. Kate McAnulty, Mr. Greg Jarvie, Dr. W. Grant McGimpsey, Dr. James Bracken, Mrs. Claire Coseno, Diane Sperko, Kimberly Roy

Many of the posters displayed this year will be featured in the Kent State University Library for the month of April. Be sure to stop by and browse this display throughout the month as we continue our celebration of academic research.

Undergraduate Participants

<i>Name</i>	<i>Affiliation</i>
Allison Machnicki	Department Of Anthropology, Kent State University
Brooke Dulka	Department Of Psychology, Kent State University
Christopher Leppla	Department Of Psychology, Kent State University
Jennifer Ruper	Department Of Geography, Kent State University
Katherine Klipfel	Department Of Psychology, Kent State University
Maeson Latsko	Department Of Psychology, Kent State University
Peter Koby	Department Of Geography, Kent State University
Rachel Will	Department Of Geography, Kent State University
Sydney Trask	Department Of Psychology, Kent State University
Thomas Luke	Department Of Sociology, Kent State University

Master's Participants

Alex Colucci	Department Of Geography, Kent State University
Alex Peimer	Department Of Geography, Kent State University
Amie Martin	Counseling And Human Development Services, Kent State University
Amy Ring	School Of Foundations, Leadership, & Administration, Kent State University
Andrew Bly	School Of Art, Kent State University
Angela Kavadas	College Of Public Health, Kent State University
Brandon Luke	Department Of Geography, Kent State University
Brittni Borrero	School Of Journalism & Mass Communication, Kent State University
Courtney Douglas	Speech Pathology And Audiology, Kent State University
Crystal Gabert-Quillen	Department Of Psychology, Kent State University
Dan Liao	School Of Foundations, Leadership, & Administration, Kent State University
Donna Tressler	School Of Library & Information Science, Kent State University
Elsa Barletta	Department Of Economics, Kent State University
Erin West	Counseling And Human Development Services, Kent State University
Gabriela Brindis Alvarez	Department Of Geography, Kent State University
Gina Butrico	Department Of Geography, Kent State University
Gina Campana	School Of Foundations, Leadership, & Administration, Kent State University
Hannah Madson	Department Of Biological Science, Kent State University
Hope Haney	School Of Art, Kent State University

Oral Presentations KSC Room 310A: Space and Place

11:00AM: Thunderstorm Hazard Vulnerability For The Atlanta, Georgia Metropolitan Region by MARIUS PAULIKAS of Department Of Geography, Kent State University
Keywords: Severe Convective Storms

11:15AM: The Current Status Of Lightning Safety Knowledge And The Effects Of Lightning Education Modes On College Students by MELISSA PHILLIPS of Department Of Geography, Kent State University
Keywords: Lightning, Education, Hazards

11:30AM: The Impacts Of Short-Term Weather Variability On Chlorophyll Levels Near The Florida Gulf Coast by CAMERON LEE of Department Of Geography, Kent State University
Keywords: Synoptic Climatology, Sea-Level Pressure Patterns, Chlorophyll Levels

11:45AM: The Diversity Scorecard And Kent State University – Achieving Inclusive Excellence! by PATRICK JACKSON¹, GINA CAMPANA², ELSA BARLETTA³ of Higher Education Administration¹, School Of Foundations, Leadership, & Administration², Department Of Economics³, Kent State University
Keywords: Diversity Scorecard Approach, Inclusive Excellence

12:00PM: An Addendum To Köppen's E Climates by THOMAS BALLINGER¹, DANIEL STEINHOFF², THOMAS SCHMIDLIN¹ of Department of Geography, Kent State University¹, National Center For Atmospheric Research, Boulder, Colorado²
Keywords: Polar Regions, Climate Change, Climate Variability

12:15PM: Garden Variety Hegemony: Industrial Agriculture And Conceptions Of Nature by BRADLEY AUSTIN¹, SARAH M. LOWRY² of Department Of Geography, Kent State University¹, Department Of English, Youngstown State University²
Keywords: Discourse, Geopolitics, Food

Student Volunteer: David Widner

Faculty Judges: Drs. Barabara Schloman, John Staley

Oral Presentations

KSC Room 310A: Space and Place

9:15AM: Polish Migration To London, UK After Poland's Accession To The EU In 2004 by WERONIKA KUSEK of Department Of Geography, Kent State University
Keywords: Polish, Migration

9:30AM: Using Gis Techniques To Model Early Paleoindian Lithic Supply Zones by AMANDA MULLETT of Department Of Geography, Kent State University
Keywords: GIS, Archaeology, Mobility

9:45AM: "With One Idea: To Make Money:" The Ladies' Home Journal And Women's Employment, 1917-1920 by MICHELE CURRAN of Department Of History, Kent State University
Keywords: Workingwomen, Magazines, Gender

10:00AM: Preserving Culture Through Environmental Awareness: Developing A Watershed Management Plan For Swartzentruber Amish by DAVID WIDNER of Department Of Geography, Kent State University
Keywords: Environmental Perception, Amish, Watershed

10:15AM: The Great Revisionist Historian: Ernesto Che Guevara's Shaping Of The Legacy Of The Cuban Revolution by DWIGHT MEYER of Department Of History, Kent State University
Keywords: Cuban Revolution, Che Guevara, Legacy

10:30AM: Imperial Intentions And Independent Interests: The Agents Of The Ohio Company Of Virginia, 1748-1952 by EMILY HAGER of Department Of History, Kent State University
Keywords: Empire, Ohio Valley, Borderlands

Break: 10:45 - 11:00AM

Jacqueline Luke	Department of Geography, Kent State University
Joel Parker	School Of Foundations, Leadership, & Administration, Kent State University
Jonathan Tietz	Department Of Chemistry, Kent State University
Joshua Kropko	College Of Public Health, Kent State University
Julie Whyte	College Of Architecture And Environmental Design, Kent State University
Kimberly Roy	School Of Foundations, Leadership, & Administration, Kent State University
Kyle Reynolds	School Of Foundations, Leadership, & Administration, Kent State University
Lara Trozzo	Department Of Biological Science, Kent State University
Laura Schuch	College Of Public Health, Kent State University
Lauren Drinkard	College Of Public Health, Kent State University
Lea Povozaev	Department Of English, Kent State University
Lisa Cometa	School Of Foundations, Leadership, & Administration, Kent State University
Marybeth Cieplinski	Department Of English, Kent State University
Megan Petroski	Department Of Geography, Kent State University
Michael Veres	Department Of Anthropology, Kent State University
Mollie Sturm	College Of Public Health, Kent State University
Patrick Cullen	Department Of Psychology, Kent State University
Rachel Strinka	Speech Pathology And Audiology, Kent State University

Master's Participants

Reeba Paul	School Of Biomedical Sciences, Kent State University
Sarah Lowry	Department Of English, Youngstown State University
Scott Abrams	Department Of History, Kent State University
Scott Goss	School Of Art, Kent State University
Sonya Demirci	School Of Foundations, Leadership, & Administration, Kent State University
Suleyman Akcil	Counseling And Human Development Services, Kent State University
Sunita Shakya	College Of Public Health, Kent State University
Theresa Zavodnik	College Of Public Health, Kent State University
Ulia Fisher	Counseling And Human Development Services, University Of Akron
Westley Baker	School Of Foundations, Leadership, & Administration, Kent State University

Doctoral Participants

Adam Cinderich	Department Of Geography, Kent State University
Adam T. Schulte	Department Of Biological Science, Kent State University
Adiël Klomp maker	Department Of Geology, Kent State University
Aimee Budnik	College Of Public Health, Kent State University
Alison B. Shields	Department Of Marketing And Entrepreneurship, Kent State University

Oral Presentations

KSC Room 309: Education & Visual Communication

11:00AM: One Day, Two Day, What Is The Best Way? - Orientation Best Practices by JOEL PARKER, AMY RING of School Of Foundations, Leadership, & Administration, Kent State University
Keywords: Orientation, First Year Experience, College Transition

11:15AM: Evolution Of Graduate Student Orientation: Meeting The Needs Of A Diverse Population by KYLE REYNOLDS of School Of Foundations, Leadership, & Administration, Kent State University
Keywords: Orientation, Retention, Diversity

11:30AM: Professional Development For Graduate Students KIMBERLY ROY of School Of Foundations, Leadership, & Administration, Kent State University
Keywords: Development, Graduate, Workshops

11:45AM: Consumer Perceptions Of Green Hotels by LISA COMETA of School of Foundations, Leadership, & Administration, Kent State University
Keywords: Consumer Perceptions, Green, Willingness To Participate

12:00PM: Developing Democratic Citizenship Through Service-Learning In The 21st Century by SONYA DEMIRCI of School Of Foundations, Leadership, & Administration, Kent State University
Keywords: Service Learning, Democracy, Experiential Learning

12:15PM: Budget Policy & Performance Outcomes For Texas Public School Districts by WESTLEY BAKER of School Of Foundations, Leadership, & Administration, Kent State University
Keywords: Budgeting Education Politics

Student Volunteer: Alex Colucci

Faculty Judges: Drs. James Bracken, Gail Bromley, Madhav Bhatta

Oral Presentations

KSC Room 309: Education & Visual Communication

9:00AM: Learning In Museums: How Does It Happen? A Case Study On The Contextual Model Of Learning by DONNA TRESSLER of School Of Library & Information Science, Kent State University
Keywords: Museum, Model, Learning

9:15AM: Improving Visual Clarity: In Search Of A More Transparent Glass by SCOTT GOSS of School Of Art, Kent State University
Keywords: Art, Glass, Optically Clear

9:30AM: Faded Glory: Captain America and the Wilting American Dream by BRITTNI BORRERO of School Of Journalism & Mass Communication, Kent State University
Keywords: War Propaganda, Popular Culture, Symbolic Interaction

9:45AM: The First Vitruvian Man by ANDREW BLY of School Of Art, Kent State University
Keywords: Taccola, Pre-Renaissance, Vitruvius

10:00AM: Let's Get Visual: Comparing And Contrasting Visual Culture by HOPE HANEY of School Of Art, Kent State University
Keywords: Visual Culture Art Education Cultural Literacy

10:15AM: Modernization Of Post-Modernity: Non-Representation, Critique, Life And Performing The Now by ALEX COLUCCI of Department Of Geography, Kent State University
Keywords: Geography, Modernity, Representation

10:30AM: Red Tourism In China by DAN LIAO of School Of Foundations, Leadership, & Administration, Kent State University
Keywords: Red Tourism, China

Break: 10:45 – 11:00AM

Amanda Mullett	Department Of Geography, Kent State University
Andrew Carnes	School Of Health Sciences, Kent State University
Ashley Phillips	Department Of Biological Science, Kent State University
Aysegul Keskin Zeren	Department Of Political Science, Kent State University
Bradley Austin	Department Of Geography, Kent State University
Brendan Wright	Department Of Political Science, University Of Michigan
Bridgett King	Department Of Political Science, Kent State University
Bryan Katzenmeyer	Department Of Chemistry, University Of Akron
Caglayan Cetin	Department Of Political Science, Kent State University
Cameron Lee	Department Of Geography, Kent State University
Colleen Tokar Asaad	College Of Business Administration, Kent State University
Corey Peacock	School Of Health Sciences, Kent State University
Darin Freeburg	School Of Library And Information Science, Kent State University
David Pompeani	Department Of Geology And Planetary Science, University Of Pittsburgh
David Vaknin	Department Of Physics, Iowa State University
David Widner	Department Of Geography, Kent State University
Deborah Isaacs	Counseling And Human Development Services, Kent State University
Doug Penhallegon	Department Of Political Science, Kent State University

Doctoral Participants

Dwight Meyer	Department Of History, Kent State University
Emily Hager	Department Of History, Kent State University
Emine Kemiklioglu	Liquid Crystals Institute, Kent State University
Gabriel Sanders	School Of Health Sciences, Kent State University
James Gillahan	Department Of Biological Science, Kent State University
Jarrold Williams	Department Of Chemistry, Kent State University
Jay Hays	Department Of Sociology, Kent State University
Jennifer Burrell	Department Of Geography, Kent State University
Jennifer Remus	Department Of Biological Science, Kent State University
Jeoung-Yeon Hwang	Liquid Crystals Institute, Kent State University
Jeremy Meduri	Department Of Psychology, Kent State University
Joseph Lynch Iii	Department Of Psychology, Kent State University
Kakoli Saha	Department Of Geography, Kent State University
Koert N.J. Burger	Institute Of Biomembranes, Utrecht University
Koya Allen	College Of Public Health, Kent State University
Kristin Bruns	Counseling And Human Development Services, Kent State University
Laura Buchholz	Department Of Psychology, Kent State University
Loral Showalter	Department Of Biological Science, Kent State University
Lorita Mihindikulasoriya	Department Of Geology, Kent State University
Marius Paulikas	Department Of Geography, Kent State University

Oral Presentations

KSC Room 307: Biology, Health, and Social Problems Part I

11:15AM: Brominated Alkoxythiophenes: An Oxidative Approach To Novel Building Blocks For Materials Applications by JONATHAN TIETZ of Department Of Chemistry, Kent State University
Keywords: Organic Synthesis, Organic Methodology, Materials Applications

11:30AM: Caregiver Health Related Quality Of Life - Results From A National Sample by JOSHUA KROPKO of College Of Public Health, Kent State University
Keywords: Aging, Quality Of Life, Public Health

11:45AM: Using Geographic Information Systems In Analysis Of The Relationship Between Alcohol Outlet Density And Related Harms by LAURA SCHUCH of College Of Public Health, Kent State University
Keywords: Alcohol Environment, Geographic Information Systems

12:00PM: Life Satisfaction Amongst Cancer Survivors: Role Of Emotional Support by THERESA ZAVODNIK, VINAY CHERUVU of College Of Public Health, Kent State University
Keywords: Cancer, Life Satisfaction, Emotional Support

12:15PM: Factors And Reasons For Not Initiating The Hpv Vaccine Among Unvaccinated Teens by LAUREN DRINKARD of College Of Public Health, Kent State University
Keywords: Infectious Disease, Female, Cancer, Health Services

Student Volunteer: Alex Peimer

Faculty Judges: Drs. Susan Roxburgh, Vinay Cheruvu

Oral Presentations

KSC Room 307: Biology, Health, and Social Problems Part I

9:45AM: Wetted For Profit: A Political Ecological Sulfate Analysis Of The Pleasant Valley Wetland Mitigation Site, Cuyahoga Valley National Park, Ohio, U.S.A. by ALEX PEIMER of Department Of Geography, Kent State University
Keywords: Environmental Governance, Political Ecology, Wetlands

10:00AM: Addiction Rhetoric by LEA POVOZHAEV of Department Of English, Kent State University
Keywords: Addiction, Rhetoric, Illness-Experience

10:15AM: Clearing Up The He Said/She Said Of Dating Aggression: A Dyadic Understanding Of Psychological Aggression by KATHERINE KLIPFEL, MANFRED VAN DULMEN of Department Of Psychology, Kent State University
Keywords: Dating Relationships, Aggression, Behavior Problems

10:30AM: Nazis On Euclid Avenue: The Berlin-Cleveland Student Exchange by SCOTT ABRAMS of Department Of History, Kent State University
Keywords: Cleveland, Nazi, Student Exchange

Break: 10:45 – 11:00AM

11:00AM: A Tale Of Two Sexes: How Stochastic Processes Affect Sex-Ratio Variation In A Flowering Plant by HANNAH MADSON of Department Of Biological Science, Kent State University
Keywords: Gene Flow, Genetic Drift, Sexual System

Matt Branfield	Counseling And Human Development Services, Kent State University
Mayagul Satlykgylyjova	School Of Foundations, Leadership, & Administration, Kent State University
Melissa Phillips	Department Of Geography, Kent State University
Michele Curran	Department Of History, Kent State University
Molly Taggart	College Of Communication & Information, Kent State University
Monica Burgett	School Of Biomedical Sciences, Kent State University
Munshi Rahman	Department Of Geography, Kent State University
Mykhailo Pevnyi	Liquid Crystals Institute, Kent State University
Nicholas Wise	Department Of Geography, Kent State University
Patrick Jackson	Higher Education Administration, Kent State University
Randy Moate	Counseling And Human Development Services, Kent State University
Rebecca Dingus	School Of Management, Kent State University
Rekha Sharma	College Of Communication & Information, Kent State University
Rose Okonkwo	Department Of Biological Science, Kent State University
Sanjoy Paul	Department Of Physics, Kent State University
Santanu De	Department Of Biological Science, Kent State University

Doctoral Participants

Sarah Macdonald	Department Of English, Kent State University
Sewwandi Rathnayake	Department Of Biological Science, Kent State University
Shu-Hui Lin	Teaching, Learning, & Curriculum, Kent State University
Sony Pandey	Department Of Biological Science, Kent State University
Taylor Gentit	Department Of Biological Science, Kent State University
Thomas Ballinger	Department Of Geography, Kent State University
Todd Morgan	Department Of Marketing And Entrepreneurship, Kent State University
Tricia Ostertag	Public Administration & Urban Studies, University Of Akron
Volodymyr Borshch	Liquid Crystals Institute, Kent State University
Wei Bu	Department Of Physics, Iowa State University
Weronika Kusek	Department Of Geography, Kent State University
Yadav Pandit	Department Of Physics, Kent State University
Yogesh Singh	Department Of Physics, Kent State University
Zachary Graber	Department Of Chemistry, Kent State University

Faculty and Other Participants

Brett Ellman	Department Of Physics, Kent State University
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Ballroom Poster Presentations

41. Mass-Scale Mapping Of Drumlins Using Automatically Extracted Drumlin Orientation by KAKOLI SAHA of Department Of Geography, Kent State University

42. Examining Associated Correlates Of Alcohol Use And Eating Behavior by LAURA BUCHHOLZ of Department Of Psychology, Kent State University

43. Liquid-Air Interface Instability Due To An In-Plane Electric Field by MYKHAILO PEVNYI of Liquid Crystals Institute, Kent State University

44. What Did You Do To My Brand? Consumer Responses To Changes In Brands Towards Which They Are Nostalgic by ALLISON SHIELDS, JENNIFER WIGGINS JOHNSON of Department Of Marketing And Entrepreneurship, Kent State University

45. Propofol Causes Vasodilation Via TRPA1/TRPV1 Dependent Pathway by SAYANTANI SINHA¹, PRITAM SINHA ROY¹, IAN N BRATZ², DEREK S DAMRON¹ of Department of Biological Sciences, Kent State University¹, Department of Integrative Medical Sciences, Northeastern Ohio Universities College of Medicine (NEOUCOM)²

46. Whats in the Words? by HANNAH ROSS HANGE, SLOAN BURGESS, LISA AUDET of Speech Pathology And Audiology, Kent State University

47. Dissecting The Link Between Community Composition And Function In The Laboratory: Denitrification In Pure And Mixed Cultures by SARAH C. BROWER, XIAOZHEN MOU, LAURA G. LEFF of Department of Biological Sciences, Kent State University
Kinetics

Ballroom Poster Presentations

35. Livelihoods Of Fishers In Kutubdia Island, Bangladesh; A Pilot Study by MUNSHI RAHMAN of Department Of Geography, Kent State University

36. Haitian National Identity: In Place/Out Of Place In The Dominican Republic by NICHOLAS WISE of Department Of Geography, Kent State University

37. Exploring Photogeneration And Transport In A Smectic Semiconductor Using Detailed Analysis Of Time-Of-Flight Transients by SANJOY PAUL¹, JARROD WILLIAMS², ROBERT TWIEG², BRETT ELLMAN¹ of Department Of Physics, Kent State University¹, Department of Chemistry, Kent State University²

38. Do We Practice What We Preach?: A Comparative Analysis Of Wellness Levels Between Doctoral Students In Counselor Education And Doctoral Students In Other Fields by RANDY MOATE, ERIC WEST, PHILIP GNILKA of Counseling And Human Development Services, Kent State University

39. Organization And Lipid Interaction Of The Model Amphipathic A-Helix Bundle Protein Apolp-Iii by SEWWANDI RATHNAYAKE¹, DENA MAE AGRA-KOOIJMAN¹, EDGAR E. KOOIJMAN¹, ADAM T. SCHULTE¹, JAMES GILLAHAN¹, ROSE OKONKWO¹, TAYLOR GENTIT¹, ASHLEY PHILLIPS¹, ELIZABETH K. MANN¹, WEI BU², DAVID VAKNIN², KOERT N.J. BURGER³ of Department Of Biological Science, Kent State University¹, Department Of Physics, Iowa State University², Institute Of Biomembranes, Utrecht University³, Netherlands

40. The Legitimation Of Mixed Martial Arts: A Case Study In Sanctioning And Legalization by JAY HAYS of Department Of Sociology, Kent State University

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Douglas Kline	Department Of Biological Science, Kent State University
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A special thank you to our judges and volunteers!

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Ballroom Poster Presentations

28. Stress Presence During Sucrose Test Increases Anhedonia In A Chronic Mild Stress Paradigm by JENNIFER REMUS of Department Of Biological Science, Kent State University

29. Social Defeat Produces Long-Term Changes In Social Behavior And Specific Deficits In Fear Extinction by JEREMY MEDURI, BROOKE DULKA, CHRISTOHPER LEPPLA, SYDNEY TRASK of Department Of Psychology, Kent State University

30. Forgetting Of Stimulus Attributes After Adolescent Exposure To Nicotine And Stress by JOSEPH LYNCH III, MAESON LATSKO of Department Of Psychology, Kent State University

31. Predictors Of Rotavirus Vaccination In A National Immunization Survey (NIS) by KOYA ALLEN, VINAY CHERUVU of College Of Public Health, Kent State University

32. Anti-Her-2/Neu Vaccine by LORAL SHOWALTER of Department Of Biological Science, Kent State University

33. Wt1 Mediated Regulation Of Growth Control Genes In Leukemia by SONY PANDEY of Department Of Biological Science, Kent State University

34. Glioma Stem Cells Stimulate The Motility Of Brain Endothelial Cells: Identification Of Cell-Adhesion Molecules Mediating Motility And Direct Interaction by MONICA BURGETT of School Of Biomedical Sciences, Kent State University

Ballroom Poster Presentations

20. Prevalence Of Depression And Anxiety Among Us Adolescents: Role Of Body Mass Index by SUNITA SHAKYA, VINAY CHERUVU of College Of Public Health, Kent State University

21. Marital Aggression Among Veterans: Diagnosis & Assessment by ULIA FISHER of Counseling And Human Development Services, University Of Akron

22. Counselor Trainee Attachment Style, Perfectionism, And The Working And Supervisory Alliances by ERIN WEST, RANDY MOATE, PHILIP GNILKA, DEBORAH ISAACS, MATT BRANFIELD, KRISTIN BRUNS of Counseling And Human Development Services, Kent State University

23. The Saguentje Of Berg En Dal by MICHAEL VERES of Department Of Anthropology, Kent State University

24. Using Gis Techniques To Model Early Paleoindian Lithic Supply Zones by AMANDA MULLETT of Department Of Geography, Kent State University

25. Lc-Ms & Lc-Ms/Ms Studies Of Nonionic Surfactants by BRYAN KATZENMEYER of Department Of Chemistry, University Of Akron

26. Eight Week Exercise Intervention Improves Physical Fitness In Healthy Elderly And Those With Parkinson'S Disease by COREY PEACOCK of School Of Health Sciences, Kent State University

27. The Effect Of Posture On Energy Expenditure And Postural Preference When Playing Active And Non-Active Video Games by GABRIEL SANDERS of School Of Health Sciences, Kent State University

Ballroom Poster Presentations

1. Parallel Lumbar And Pelvic Morphology In Atelines And Early Hominids: Clues To The Earliest Hominid Adaptations To Upright Walking? by ALLISON MACHNICKI¹, C. OWEN LOVEJOY¹, YOHANNES HAILE-SELASSIE², LINDA SPURLOCK², SÉRGIO L. MENDES³, KAREN B. STRIER⁴, MELANIE A. MCCOLLUM⁵ of Department Of Anthropology, Kent State University¹, Cleveland Museum Of Natural History, Cleveland, OH², Departamento De Ciências Biológicas, Universidade Federal Do Espírito Santo, Brazil³, Department Of Anthropology, University Of Wisconsin-Madison⁴, School Of Medicine, University Of Virginia⁵

2. Spatial Analysis of Ancient Maya Settlement Near Karst Sinkholes in Xuenkal, Mexico by PETER KOBY of Department Of Geography, Kent State University

3. The Societal Differences In Prison Systems In China And The United States by THOMAS LUKE of Department Of Sociology, Kent State University

4. The Effect Of Climate Change On Natural Disasters: A College Student Perspective by JENNIFER RUPER, MELISSA PHILLIPS, ADAM CINDERICH, JENNIFER BURRELL, RACHEL

5. The Relationship Between Perfectionism And Holland Codes Among Undergraduate Students by AMIE MARTIN, SULEYMAN AKCIL, PHILIP GNILKA of Counseling And Human Development Services, Kent State University

Ballroom Poster Presentations

6. **Drug-Use Correlates Of Suicide Attempts And Ideations In A Sample Of In-Custody Juveniles** by ANGELA KAVADAS of College Of Public Health, Kent State University
 7. **Pet Food As Wasted Nutrition - The Startling Amount Of Pet Food Usage In Western Countries** by BRANDON LUKE of Department Of Geography, Kent State University
 8. **Investigating Changes In Knowledge And Perceptions Of Autism Spectrum Disorder (Asd) In Undergraduate Students Through Experiential Learning** by COURTNEY DOUGLAS, RACHEL STRINKA of Speech Pathology And Audiology, Kent State University
 9. **Writing & Well-Being In Undergraduates: Preliminary Findings** by CRYSTAL GABERT-QUILLEN, DOUGLAS DELAHANTY of Department Of Psychology, Kent State University
 10. **Geographies Of Dispossession : Justifying Progress and Modernity** by GABRIELA BRINDIS ALVAREZ of Department Of Geography, Kent State University
 11. **Can Geothermal Greenhouse Agriculture Increase Food Security In Cold Climate, Developed Countries?** by GINA BUTRICO of Department Of Geography, Kent State University
 12. **An Examination Of Frequency Of The West Nile Virus In The United States, At The State Level, In 2009 And 2010** by JACQUELINE A. LUKE of Department Of Geography, Kent State University
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Ballroom Poster Presentations

13. **The Stimulation Theory And The Theory Of Cognitive Dissonance: A Multi-Disciplinary Approach To Urban Design** by JULIE WHYTE of College Of Architecture And Environmental Design, Kent State University
 14. **Does Mate Condition Constrain The Upper Limits Of Sexual Selection?** by LARA TROZZO of Department Of Biological Science, Kent State University
 15. **Robin Hood & Zorro: The Conjoined Twins Of Hollywood** by MARYBETH CIEPLINSKI of Department Of English, Kent State University
 16. **Developing Sustainable Transportation: Bike Sharing** by MEGAN PETROSKI of Department Of Geography, Kent State University
 17. **Prevalence Of Depression And Anxiety Among United States Adults: Association With Sleep Deprivation** by MOLLIE STURM, VINAY CHERUVU of College Of Public Health, Kent State University
 18. **Bidirectional Effects Of Increasing Histone Acetylation On Extinction Learning** by PATRICK CULLEN, CHRISTOPHER LEPLA, SYDNEY TRASK, BROOKE DULKA, MAESON LATSKO of Department Of Psychology, Kent State University
 19. **Molecular Evolution Of Ctl Epitopes In Hiv-1: Understanding Selection Acting On Associated Epitopes** by REEBA PAUL of School Of Biomedical Sciences, Kent State University
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