About The Cover:
Jennifer Beck
Estudio

“Jennifer Beck, a junior in Visual Communications, captured this photo in Havana, Cuba as part of her Undergraduate Research Project. The Havanas: A Typographic Comparison emphasizes public typography found in Miami, FL and Havana, Cuba to create both a visual and written narrative of culture, tradition, and heritage. Final project will be published as a hardcover book.”
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Visit ugresearch.ku.edu/symposium for a full list of abstracts and artist’s statements.
## UNDERGRADUATE RESEARCH SYMPOSIUM 2015: SESSIONS AT A GLANCE

### 12:45 to 1:20 pm
- **Registration**: Check-in at 5th floor lobby
- **Opening Session**: Woodruff Auditorium
- **Welcome**: John Augusto, Center for Undergraduate Research
- **Opening Remarks**: Chancellor Bernadette Gray-Little
- **Presentation of Awards**: ACE Research Talks

### 1:30 pm to 2:50 pm

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### 4:00 pm to 4:30 pm
- **Break**: Join us in the 4th floor Lobby for snacks and a chance to mingle with friends, mentors, and family.

### 4:30 pm to 5:30 pm

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<th>Session 3</th>
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### 5:30 pm to 7 pm
- **Banquet**: Ballroom
- **Welcome**: John Augusto, Center for Undergraduate Research
- **Presentation of Awards**:
  - K. Barbara Schowen Undergraduate Research Mentor Award
  - Undergraduate Research Mentor Award
  - Outstanding Presentation Awards
Undergraduate Research Symposium Program
Saturday, April 25, 2015
University of Kansas, Kansas Union

12:45 – 1:20 – Registration (sign-in & name tags) – 5th Floor Lobby

1:30 – 2:50 – Opening Session – Woodruff Auditorium

Welcome: John Augusto, Center for Undergraduate Research

Opening Remarks: Chancellor Bernadette Gray-Little

Presentation: ACE Research Talk Awards

ACE Research Talks:
1:50: Katherine Deckert, An Examination of the Structure of Obsessive Compulsive Personality Traits in Autism Spectrum Disorders Using Network Analysis, mentored by Evangelia Chrysikou and Stephen Ilardi
2:10: Andrea Livingston, Lipid Monolayer Compression Isotherms for Characterization of Adjuvant Mechanisms of Action, mentored by Prajna Dhar and Cory Berkland
2:30: Michael Wysong, Exploring Musical Theatre Song Cycles, mentored by John Staniunas

3:00-4:00 General Session 2

Undergraduate Student Panel: “Getting Started in Research”
Woodruff Auditorium

Oral Presentations – Sessions 2A-2I:
Session 2A: International Room (5th Floor)
3:00: Hannah Morrow, The Effects of Excitatory Transcranial Direct Current Stimulation over Occipital Cortex on Flexible Object Use, mentored by Evangelia Chrysikou
3:15: Alex Fennell, Judging Right From Wrong: An Investigation into Factors Influencing Moral Judgments, mentored by Christopher Ramey
3:30: Jeffery Durbin, Working memory correlates of functional low-frequency fluctuations: an exploratory resting-state fMRI study, mentored by Rutvik Desai
Session 2B: Malott Room (6th Floor)
3:00: Valerie Kutchko, Bystander Intervention and Sexual Coercion: Research Applications for Sexual Assault Prevention & Education, mentored by Rachel Vaughn
3:15: Rachel Buchner, From Liberation to Regulation, mentored by Rachel Vaughn
3:30: Jessica Allison, Abstinence Only Programming Perpetuates Rape Culture, mentored by Rachel Vaughn
3:45: Emma Halling, An argument for expanding the definition of "hostile environment" to better protect students at colleges and universities, mentored by Rachel Vaughn

Session 2C: Parlors (5th Floor)
3:00: Benjamin Ale-Ebrahim, Alexander Bradley, Caity Concannon, Alyssa Denneler, Michael Hernandez, Krysta Huber, and Kristi Thompson, Assessing the Potential for Low-Income Individuals to Garden: A Qualitative Study, mentored by Jane Gibson
3:30: Wesley Gibson, Analysis of Bison Bone form an Archaeological Site in Southwest Nebraska, mentored by Jack Hofman
3:45: Julie McClenahan, Universalizing Uniqueness, mentored by Margaret Childs and Sherry Fowler

Session 2D: Centennial Room (6th Floor)
3:00: Celia Byrne, (In)Visibility and Body Dissatisfaction In Middle-Aged Women, mentored by Rachel Vaughn
3:15: Katherine Gwynn, Not Born This Way: On the Self-Constructed Identities and Communities of Deaf LGBT People, mentored by Rachel Vaughn
3:30: Crystal Wolf, Stable Connection: A Redefinition of Cyber Relationships and Communities, mentored by Rachel Vaughn
3:45: Jennifer Marcinkowski, Trans* and navigating a non-inclusive system, mentored by Rachel Vaughn

Session 2E: English Room (6th Floor)
3:00: Max Bearce, Japanese Internment as Collective Memory: Implications on Identity and Identity-Relevant Outcomes, mentored by Ludwin Molina
3:15: Allora Richey, The Mediating Role of Hostile Attributions in the Relation between Posttraumatic Stress Disorder Symptoms and Reactive and Proactive Aggression, mentored by Paula Fite
3:30: David Szczucinski, Can We Dump Smarter? An examination of receptacle design on post-consumer compost contamination rates, mentored by Derek Reed
Session 2F: Kansas Room (6th Floor)

3:00: Nicole Richardson, The Quantitative Question: Analyzing the Correlation Between Gender-related Index Scores and Gender-related Violence, mentored by John Kennedy

3:15: Allison Morte, Corruption and Its Effect on Economic Growth in Developing Countries, mentored by John Kennedy

3:30: Allison McKinnon, Tigers and Assimilation: Looking at the Relationship between Human Capital, Authoritarian Regimes, and Economic Growth, mentored by John Kennedy

3:45: Dustin Wolfe, From Moombahton to Trap Music: Understanding How Electronic Dance Music has Become a Global Collaborative Counter-Culture Producing Community, mentored by Sharon O’Brien and Ketty Wong

Session 2H: Divine Nine Room (6th Floor)

3:00: Haley Gilchrist, “Fairy Boys of the Plains and Their Gay Sisters of the City”: Our Fantasy Complex and Wichita’s LGBTQ Community, mentored by Rachel Vaughn

3:15: Laura Fagen, Women in Theatre: A Look at Successful Female Theatre Practitioners, mentored by Jeanne Klein

3:30: Nichole Flynn, "Strong Female Characters": An analytical look at Moffat's representation of women in 'Doctor Who', mentored by Rachel Vaughn

3:45: Jyleesa Hampton, Understanding the bad black mother myth, mentored by Rachel Vaughn

Session 2I: Pine Room (6th Floor)

3:00: Sara Sofia Anderson, "Wi snackt wedder platt!": Bringing Low German Back to Bremen and Lower Saxony through the Charter for Regional or Minority Languages, mentored by Lorie Vanchena

3:15: Nicole Humphrey, Empire and the European Union: Maintaining Peace, mentored by Paul Schumaker

3:30: Corey Boucher, Architecture for Wellness: The Future of Healthy Design for All of Life, mentored by Frank Zilm

3:45: Jennifer Beck, The Havanas: A Typographic Comparison, mentored by Tim Hossler and Andrea Herstowski

Poster Presentations:
Session 2J: Jayhawk + Big 12 Rooms (5th floor)

Logan Abbott (#1), Synthesis of Pharmacologically Active Analogs of Salvinorin A, mentored by Thomas Prisinzano

Lauren Arney (#19), Discovering the Structure of the Allosteric Sites in Pyruvate Kinase, mentored by Audrey Lamb

Marilyn Barragan (#20), Rheological Properties of Decellularized Cartilage for Use in Hydrogels, mentored by Michael Detamore

Emily Binshtok (#21), The Therapeutic Value of Anti-Metastatic MicroRNAs in Breast Cancer, mentored by Liang Xu
Adebayo Braimah (#2), Dye-Protein Investigation with Circularly Polarized Light, mentored by Carey Johnson

Cedric Clark (#7), Disentangling the Relationship between Temperature, Atmospheric Carbon Dioxide and Flowering Time, mentored by Joy Ward

Kimberly Cole (#31), An Adsorption Study of the Htau40 Protein on a 2-D Silicon Dioxide Surface, mentored by Prajna Dhar

Austin Flohrschatz (#37), The Effects of Bilateral Transcranial Direct Current Stimulation over Prefrontal Cortex on a Flexible Thinking Task, mentored by Evangelia Chrysikou

Grace Garrison and Mia Phillips (#14), The Influence of Resource Distribution on Space Use and Social Networks of the Little Scrub Island Ground Lizard, mentored by Rafe Brown and Doug Eifler

Collin Harvey, Mateo Kirwan, Nettie Larson, and Nick Nolte (#30), Isolation, characterization and annotation of mycobacteriophages from soil samples around Lawrence, Kansas, mentored by Rob Ward and Brad Williamson

Emily Haynes (#5), Investigating a biologically compatible carrier for targeted molecular imaging with copper, mentored by Jennifer Laurence

Brianna Jackson (#3), Lysosomal Accumulation of Weakly Basic Drugs by Ion Trapping, mentored by Jeff Krise

Monica Ketchum (#32), Effect of Buffer on the Interaction of Synthetic Lung Surfactant Protein, MiniB, with Cholesterol, at Air-Buffer Interface, mentored by Prajna Dhar

Omair Khan (#22), Acetylcholine-mediated C. elegans migration, mentored by Brendan Mattingly

Jordan Koch (#10), Calculating Pattern-Class Probabilities on Phylogenetic Trees, mentored by Mark Holder

Avery Koerner (#13), A review of the flower longhorn beetle genus Typocerus LeConte (Coleoptera: Cerambycidae) in Kansas, mentored by Bryan Foster and Zack Falin

L’Orianne Fisher Koneczny (#23), Bacterial Food Preference Assay on Caenorhabditis elegans, mentored by Brendan Mattingly

Alex Kong (#4), Synthesis and Evaluation of Vitamin E Analogs as Therapeutic Agents for Alleviating Lysosomal Trafficking Defects Associated with Neurodegenerative Diseases, mentored by Jeff Krise

Maija Mallula (#8), Mitochondrial DNA variation in coastal Iranian Apis florea, mentored by Deborah Smith

Kaylynn Marceaux (#9), Causes and consequences of variation in seed morphology in Mimulus guttatus, mentored by John Kelly and Patrick Monnahan

Brendan Martin (#15), Benthic Invertebrate Depth Distribution in Lake with a Deep Metalimnetic Photosynthetic Community (DCM), mentored by James Thorp

Alex Matlock (#28), Genetic control of tissue specific growth in the larval trachea of Drosophila, mentored by Rob Ward

Brook Nasseri (#27), Bacterial communication and interspecies competition, mentored by Josephine Chandler

Pranjali Pare (#35), Bit Error Rate Test for CMS Phase I Pixel Readout Chain, mentored by Alice Bean and Phil Baringer

Ry Patton (#11), Genetic and Morphological Analysis of the Stingless Bee Genus Tetragonula from Southeast Asia and India (Hymenoptera: Apidae), mentored by Victor Gonzalez and Deb Smith

Ry Patton (#12), Aggressive Behavior Between Forager Nestmates and Non-Nestmates of the Sweat Bee Halictus scabiosae (Rossie) in Turkey (Hymenoptera: Halictidae), mentored by Victor Gonzalez
Rachel Phillips (#6), Using fast-scan cyclic voltammetry to measure serotonin and hydrogen peroxide in brain slices, mentored by Michael Johnson

Christopher Rooney (#36), The Structure of the Universe: The Galaxy Correlation Function, mentored by Hume Feldman

Kayla Sale (#18), An Extensible, Discrete Model with Applications for Use with Small, Mobile Populations: Two Case Studies, mentored by Perry Alexander

Corbin Stephens (#26), Over-expression of Glutamate Dehydrogenase 1 in Neurons Prevents Ischemic Injuries in the Brain, mentored by Elias Michaelis

Jennifer Stern (#16), Does Xylem Architecture Affect the Response of Leaf Emergence in North American Hardwoods?, mentored by Joy Ward

Kevin Tenny (#25), Process of Developing 3-D Microsphere-based Scaffolds for Osteochondral Tissue Engineering, mentored by Michael Detamore

Wendy Wang (#17), Global Changes: Effects of Rising [CO₂] on Mycorrhizal Fungi, mentored by Joy Ward

Alex Whitten (#33), Measuring Attention Level Responses to Different Teaching Methods, mentored by Sarah Kieweg and Barbara Kerr

Kayla Wilson (#29), The role of Fasciclin III (Fas3) in Drosophila melanogaster septate junction organization and function, mentored by Rob Ward

Kailey Zvosec (#24), Determining the Possible Relationship between Height of an Athlete and their Speed in the 100/100 Meter Hurdles, mentored by Brad Williamson and Helen Alexander

4:00-4:30 – Break

Join us in the 4th floor Lobby for snacks with your friends, mentors, and family.

4:30-5:30 - General Session 3

Undergraduate Student Panel: “Getting Started in Research”
Woodruff Auditorium

Oral Presentations – Sessions 3A-3I:

Session 3A: International Room (5th Floor)

4:30: Joseph Lilek, "Hazyworld": a conceptual tool for visualizing and quantifying the strength of the cloud feedback, mentored by Nathaniel Brunsell

4:45: Paula Satcher, Evaluating the accuracy of the inclusion of the anthropogenic heat flux in a numerical simulation, mentored by Nathaniel Brunsell

5:00: Bryce Tappan, Mercaptoazulenes and Their Complexes with Monovalent Gold, mentored by Mikhail Barybin

5:15: Ashley Farris, Muscle progenitor cell regenerative capacity in the torn rotator cuff, mentored by Michael Detamore
Session 3B: Malott Room (6th Floor)
4:30: Erika Garcia-Reyes, The Meanings of Justice, mentored by Shannon Portillo
4:45: Emma Halling, Closing a door but opening a window: how college transfer admissions policies leave students vulnerable to sexual assault, mentored by Clarence Lang
5:00: Renee Dinsmore, Defining Justice Over Time, mentored by Shannon Portillo

Session 3C: Parlors (5th Floor)
4:30: Elizabeth Lewis, The effect of clustering coefficient on product name preference, mentored by Michael Vitevitch
4:45: Betsy Tampke, ¿Se comportan de manera tan extraña?: Examining the Speech-to-Song Illusion in Spanish, mentored by Michael Vitevitch
5:00: Jake Frondorf, The Syntax of the Left Periphery of Pulaar: or How I Came to Love the Ko, mentored by Jason Kandybowicz
5:15: Joshua Mendoza, Stress patterns of English words affect the Speech-to-Song illusion, mentored by Michael Vitevitch

Session 3D: Centennial Room (6th Floor)
4:30: Jordan Koch, Why do Women Leave Computer Science?, mentored by Donna Ginther
4:45: Chin Hung Gregory Leung, The Effectiveness of State Inspections Versus Federal Inspections on the Compliance of Wastewater Treatment Facilities in Pennsylvania, mentored by Dietrich Earnhart
5:00: Ryan Doherty, The Effects of Local Community Pressures on the Environmental Behavior of Polluting Facilities, mentored by Dietrich Earnhart
5:15: Elizabeth Blackburn, The Politics of Pollution: The Influence of Electoral Outcomes on Polluters’ Compliance, mentored by Dietrich Earnhart

Session 3E: English Room (6th Floor)
4:30: Jack Foster, Libby Grube, Gabriel Haas, and Michael Hernandez, Trials OR Tribulations: An Ethnographic Analysis of the Ethical Dilemmas faced in Clinical Trial Research, mentored by Kathryn Rhine
4:45: Alice Campton, Juan Salgado, and Corbin Stephens, The Globalization of Medicine, mentored by Kathryn Rhine
5:00: Mary Beth Duda, Lucy Griffith, and Kati Richmond, Student Engagement in Global Aid, mentored by Kathryn Rhine
5:15: Jenna Crusinberry, Meredith Henry, and Haris Vrahliotis, Undocumented Health Care, mentored by Kathryn Rhine

Session 3F: Kansas Room (6th Floor)
4:30: Jeff Carmody, Conservation of What?, mentored by Armin Schulz
4:45: Austin Cataudella, Nathan Ellis, and Randi Nimz, Community Resilience of the Deepwater Horizon Disaster, mentored by So-Min Cheong
5:00: Jaden Gragg, Dreaming in Green: The American Lawn as Heteronormative Space, mentored by Rachel Vaughn
Session 3G: Hawk’s Nest (1st Floor)
4:30: Alex Kong, Son of Man: A Memoir on Tiger Parents, Growing Up, and Pursuing the Asian American Dream, mentored by Mary Klayder
5:00: Nicholas Shaheed, Pulse, for Solo Flute, Computer, and Heart-Rate Monitor, mentored by Kip Haasheim

Session 3H: Divine Nine Room (6th Floor)
4:45: Derek Smith, Squirrel Foraging: How Far Will They Go for a Good Meal?, mentored by Helen Alexander
5:00: Mitchell McCulley, A new genus and species of lecanicephalidean tapeworm (Platyhelminthes: Cestoda) parasitizing the porcupine ray, *Urogymnus asperrimus*, in the Solomon Islands and Australia, mentored by Kirsten Jensen

Session 3I: Pine Room (6th Floor)
4:30: Mark LaFollette, A study on the formation of biochar in hydrothermal liquefaction, mentored by Susan Stagg-Williams
4:45: Dina Lyne, Sintering of High Loading TCP:HAP Particles, mentored by Michael Detamore

Poster Presentations:
Session 3J: Jayhawk + Big 12 Rooms (5th floor)

Rabia Bajwa (#36), Realms of Reality and Imagined Reality: Designing a Cinematic Arts Museum, mentored by Kapila Silva
Ashley Bennett (#11), Inducing Empathy Via Self-Other Overlap to Encourage Pro-environmental Action, mentored by Rachel McDonald
Gustin Bova (#21), On the Interpretation of Latin American Indigenous Languages in U.S. Courtrooms: An Ethnographic and Sociolinguistic Approach, mentored by Peter Haney and Bartholomew Dean
Hannah Boyd (#12), Collective Memory of 9/11, mentored by Glenn Adams
Sean Brungardt (#37), Vortex: Science Fiction Cinematic Arts Museum, mentored by Kapila Silva
Bret Caldwell, Katelyn Kennedy, and Christian Schillo (#19), Disorganization of Compensation Related to the BP Oil Spill, mentored by So-Min Cheong
Selena Cruz and Lindsey Freihoff (#22), Decisions Near Death, mentored by Don Marquis
Emily Davidson (#31), The Active Movie Experience: A Museum for the Cinematic Arts in Dallas, Texas, mentored by Kapila Silva
Hayden Donaldson (#39), Dallas Museum for Cinematic Arts, mentored by Kapila Silva
James Fey (#1), The Effect of Victim Exposure on Male Rape Empathy, mentored by Stephen Ilardi
Carina Fowler (#2), Better Adherence, Better Outcome: Adherence to the Therapeutic Lifestyle Change (TLC) Protocol is Associated with Magnitude of Reduction in Depressive Symptomatology, mentored by Stephen Ilardi
Scott Glass, Candice L’Ecuyer, and Alexander Warren (#24), Assessing the health impacts of diesel exposure considering seasonal wind variability around Kansas City area railyards, mentored by J. Christopher Brown and Nate Brunsell

Stephanie Greer (#27), Indigenous Peoples and Bees, mentored by Victor Gonzalez

Rebecca Griffith (#15), Let's Be Friends: An Examination of Why People Stay Friends with their Ex-partner, mentored by Omri Gillath

Luanne Hale (#4), Evolution of Sensory Reinforcement in Rats, mentored by David Jarmolowicz

Brieanna Harmer and Sharilyn Mathews (#33), Incorporating research experiences into an undergraduate human anatomy laboratory, mentored by Victor Gonzalez

Skylar Johnson (#14), Names of a Culture: Effects of Names and Perceived Culture Identites, mentored by Nyla Branscombe

Kendall Kohnle (#10), Alleviating Depressive Symptoms through Intentionality, mentored by Rick Ingram

Valerie Kutchko (#18), Bystander Intervention and Sexual Coercion: Real Life Experiences, mentored by Charlene Muehlenhard

Ashleigh Lee (#26), Food Culture in Costa Rica, mentored by Yvonnnes Chen

Dongyu Li (#16), Mother or Wife? Relational Mobility and Personal Choice between Kin Relationships and Romantic Relationships, mentored by Glenn Adams

Lauren Marquess, Alessandra Politi, and Jana Schwartz (#32), Do multimedia resources improve students' performance in an undergraduate cadaver anatomy course?, mentored by Victor Gonzalez

Lauren Marquess (#38), Acute effects of passive stretching on the electromechanical delay at short and long muscle lengths, mentored by Trent Herda

Austen McGuire (#8), Effects of Cognitive Load on Visually Looming Objects, mentored by Omri Gillath and Michael Vitevitch

Micah Melia (#35), Racial, Socioeconomic, and Institutional Factors in the Disproportionate Representation of Low Income Minority Students in Stigmatized Mild Disability Categories, mentored by Argun Saatcioglu

Andrew Miller (#9), Neural Effects of Generalized vs. Personalized Security Primes, mentored by Omri Gillath

Mimi Morrissey (#5), Lexical Decision Task as Proficiency Assessment Method in French as a Second Language, mentored by Annie Tremblay

Madison Moser and Alessandra Politi (#29), Are students in human anatomy digital natives? Assessing students' use of digital tools in the laboratory, mentored by Victor Gonzalez

Fatima Moufarrige Pacheco (#40), Celebrating Movies and Theatres: Designing a Cinematic Arts Museum in Dallas, Texas, mentored by Kapila Silva

Alessandra Politi, Stephanie Schlatter, and Castle Williamson (#30), Can completion of creative and scholarly projects in an undergraduate human anatomy lecture improve students’ engagement?, mentored by Victor Gonzalez

Dele Popoola (#17), Social Responsibility & Community Engagement in the KU Core, mentored by Glenn Adams

Julia Reynolds (#23), Representations of the Magdalene in Medieval Art, mentored by Susan Earle

Courtney Schwartzbeek (#28), Optimizing Cattle Grazing Methods in Argentina for the Promotion of a Sustainable Meat Source, mentored by Veronica Garibotto

Ann Marie Sparacino (#31), Dissecting an undergraduate human anatomy course: a quantitative analysis of regional and systemic approaches, mentored by Victor Gonzalez

Erik Stockler (#41), Museum of Cinematic Arts, mentored by Kapila Silva
Dory Tuininga (#20), From Dred Scott to Mike Brown: How Systemic Racism Continues to Function in the St Louis Area, mentored by Margaret Pearce
Ashwaan Uddin (#3), Emerging Joint Attention and Early Individual Differences in Temperament, mentored by Brenda Salley
Sara Ventura (#13), Personal well-being through collective identity: Social identification processes predict how women compensate for threats to their personal control, mentored by Ludwin Molina
Mary Watts (#6), The Effect of Meaning Characteristics on Word Learning by Preschool Children, mentored by Holly Storkel
Jacqueline Wells (#25), Study of public engagement in Lawrence, Kansas, mentored by Ward Lyles
Yuejia Yang (#42), Cinematic Art Museum at Dallas Art District, mentored by Kapila Silva
Gabriella Zeller (#7), The role of in-person emotional social support and social media social support as means for coping with exam stress, mentored by Nancy Hamilton

5:30 – Symposium Banquet, Kansas Room
For all student presenters, their mentors, and their guests. RSVP requested.

Welcome: John Augusto, Center for Undergraduate Research

Presentation of Awards:
K. Barbara Schowen Undergraduate Research Mentor Award (faculty)
Undergraduate Research Mentor Award (graduate students/staff)
Outstanding Presentation Award
How to Attend the Symposium

Is this your first time attending the Symposium? Most people haven't been to anything quite like a research symposium. It's an exciting event full of energetic people who care deeply about the topics they're discussing - that's what makes it so fun! But it can also be overwhelming as a first time attendee. Let's start with the basics:

What should I do when I arrive?

If you're attending as an audience member, we recommend finding a seat, silencing your phone, and taking a quick glance at the program booklet. Mark sessions, performances, and poster presentations that you want to be sure to attend. This strategy will help you keep your schedule straight as the day goes on.

If you're presenting today, be sure to check-in. With your extra time, locate your room, prepare your talk, display, or poster, and then take some time to look at the program booklet. As you plan your schedule for the day, make sure to build in some buffer time before your presentation so that you can do any last minute talk practice or relaxation that you may need. We have set aside Alcove G as a student prep room in case you need some space to prepare.

What's this booklet you gave me?

The program booklet is your guide to the day. It lists the times and locations for all of the sessions and breaks. You can read more about each presentation today online at ugresearch.ku.edu/symposium (click on “Full Program” to read abstracts and artist’s statements).

What should I do if I want to get involved in research?

Here are our top 3 suggestions of what you should do today if you decide you want to get involved in undergraduate research:

• Make sure to go to one of the “Getting Started” panels during Session 2 or 3. We’ll have a group of students there to tell you about their experiences and how to get involved.
• Talk to at least two students about how they got involved in research. Poster sessions are an easy place to have this conversation. You can also stick around after an oral presentation session to have a one-on-one conversation with a presenter.
• Get on the Center for Undergraduate Research’s website to join our mailing list so you can stay up-to-date about upcoming opportunities.
What are the unwritten etiquette rules of a research symposium?

Here are some general rules of thumb to help you avoid a symposium *faux pas*:

**Oral Presentations and Performances:**

- If you want to take photos, be sure to get permission from the presenter ahead of time.
- Make sure your phone is silenced and put away.
- Pay attention to the performance or presentation; so don't whisper to your friend or text your mom.
- Being an active participant by taking notes on intriguing ideas or jotting down questions during each presentation will help you get the most out of the day.
- Applaud the presenter at the end of the talk or performance.
- Ask questions at the end of the talk or performance. You might refer to your notes to help you remember your questions from earlier in the presentation. Questions that spark the best conversation typically follow up on something the presenter talked about; don't set out with a goal of stumping someone.
- If you arrive late or need to leave in the middle of a session, wait to move around until the breaks in between presenters. If that's not possible, try to sit close to the door or at the back of the room.

**Displays or Poster Presentations:**

- If you see a presenter without an audience, don't just stand there - go find out about that project.
- When you approach a display or poster presentation, introduce yourself and ask the presenter to explain the project.
- Ask questions, especially if the project is about a subject that is new to you. Your questions could just be about how the presenter got involved or what the next steps would be.
- Thank the presenter for telling you about the project.
Student Awards

ACE Research Talks
The ACE Research Talks are designed to showcase students who can present their research and creative projects in an (A)ccesible, (C)reative, and (E)ngaging way. Students applied for the awards by submitting a short video of themselves talking about their projects. The winners will receive $500 and be featured today during the first session of the Symposium. The ACE Research Talks are funded by the Center for Undergraduate Research.

Outstanding Presentation Awards
All student presenters (oral presentations, performances, posters, and displays) at the Symposium are eligible to win one of the $50 Outstanding Presentation Awards. Judges will evaluate all presentations, and the award winners will be announced at tonight’s Symposium Banquet. All students will be emailed feedback about their presentation next week. The Outstanding Presentation Awards are funded by the KU Office of Research.

Sigma Xi will also be selecting poster and oral presentations in the health, social, behavioral, natural, and mathematical sciences and engineering for best presentation awards. Sigma Xi is an international, multidisciplinary research honor society. Its mission is to enhance the health of the research enterprise, foster integrity in science, and promote the public's understanding of science for the purpose of improving the human condition. You can learn more about the KU Chapter of Sigma Xi at community.sigmaxi.org/universityofkansas. Awards will be announced via e-mail after the Symposium. Awardees will be invited to attend the Sigma Xi Award and Induction Ceremony on May 8 at 3:00 pm.
Mentor Awards
The mentor awards honor the contribution of outstanding undergraduate research mentors to their students' development and to their own discipline. Mentors are nominated through a two-part process: students, faculty, or staff submit recommendations for a mentor to be considered for the award, then home departments and supervisors submit full application packets. The 2015 nominees will be honored at the Symposium Banquet tonight. Congratulations to all of this year’s nominees!

2015 K. Barbara Schowen Undergraduate Research Mentor Award (faculty)

2015 Award Winners
Paula Fite, Clinical Child Psychology
Joy Ward, Ecology & Evolutionary Biology

Honorable Mention
Darren Canady, English
Mikhail Barbyin, Chemistry

Nominees
David Jarmolowicz, Applied Behavioral Sciences
Audrey Lamb, Molecular Biosciences
Jennifer Laurence, Pharmaceutical Chemistry
Rachel McDonald, Psychology
Kapila Silva, Architecture
Bill Staples, Sociology

2015 Undergraduate Research Mentor Award (graduate students, postdoctoral researchers, & academic staff)

2015 Award Winner
Carla Harper, Ecology & Evolutionary Biology

Honorable Mention
Rachel Bowes, Ecology & Evolutionary Biology

Nominees
Susan Earle, Spencer Museum of Art
Patrick Monnahan, Ecology & Evolutionary Biology
Presenting today?  
**Publish tomorrow!**

Ready to publish your research in KU’s 2014 - 2015 undergraduate research journal? Share the results of your hard work, and stand out as an undergraduate researcher on applications and resumes!

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The Center for Undergraduate Research would like to thank the following individuals and organizations for supporting this year’s Undergraduate Research Symposium:

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The volunteer judges and session presiders for today’s event.

The instructors who supported this event by offering extra credit to their classes.

Finally, we’d like to thank the faculty, postdoctoral researchers, graduate students, and academic staff who mentor undergraduate researchers at KU. Without you, this day would not be possible.
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EXTRA CREDIT & GIVEAWAY ENTRY FORM

Overview: By attending three sessions, undergraduate students can enter for a chance to win a $25 gift card and get extra credit if they are enrolled in a participating class.

Instructions: Fill out the information below. At each session you attend, see the room monitor to get a stamp. You must be a current KU undergraduate and attend all three sessions to be eligible for one of the $25.00 gift cards. After the third session, turn in this completed form at the information table on the 5th floor of the Kansas Union (you will be asked to show your KU ID). Winners of the gift cards will be notified on Monday, April 27th.

Name: _______________________________  KU Student ID #_______________________________
KU Email: _____________________________  Phone #_______________________________

Extra Credit for Classes:

If you are enrolled in any of the following classes, check the box next to the class. These instructors have emailed us to say they would like us to document which of their students attend the Symposium; see your instructor for further details about any course credit that is being offered. Note: this is not a full list of the classes that are offering extra credit, so please fill in your class information if it is not listed. Instructors who are offering extra credit will be emailed a list of student attendees by Wednesday, April 29th.

_____ AMS/SOC 110: American Identities; MW 11:00; Instructor: Prof. David Roediger
_____ ANTH 160/360: Varieties of Human Experience; MW 11:00; Instructor: Prof. Brent Metz
_____ BIOL 152: Princpls of Organismal Biology; TR 8:00; Instructors: Profs. Chris Haufler & Trevor Rivers
_____ CHEM 135: General Chemistry II; MWF 09:00 -09:50; Instructor: Prof. Sheelu Panikkattu
_____ CHEM 135: General Chemistry II; MWF 02:00 -02:50; Instructor: Prof. Sheelu Panikkattu
_____ LING 110: Language and Mind; MW 11:00 -11:50; Instructor: Prof. Rob Fiorentino
_____ LING 110: Language and Mind; TR 01:00 -01:50; Instructor: Prof. Annie Tremblay
Other: _________________________________________________________________________________________________________________
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