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Welcome to the seventh edition of Lucerna! The journal in your hands is the product of yet another year of exemplary work completed by undergraduate students at the University of Missouri-Kansas City. The students featured in this year’s edition of the journal have demonstrated outstanding academic achievement and I would like to both congratulate them for their achievements and thank them for making Lucerna possible. Without their efforts, this journal would have no place at UMKC.

I would like to thank the Honors Program for making the publication of this journal possible, especially Dr. Gayle Levy, Dr. Frances Connelly, and Ms. Sally Mason for their patience and guidance this year. Each year, Lucerna expands and improves thanks to their efforts. I would also like to thank my wonderful staff, each of whom has worked very hard to put this journal together. I would especially like to recognize Hye-Won Ham. As our treasurer, she has put forth an outstanding level of work to provide us with the funding necessary to publish Lucerna. Her efforts have been greatly appreciated and I thank her for her time and dedication.

I would also like to thank Egghead Design for their innovative and inspired work with Lucerna this year. Dr. Paul Tosh and his team of talented students have been a pleasure to work with, and I would like to thank them for their patience and cooperation as Lucerna continues to move forward and grow.
It has been an honor to work with the talented students here at UMKC, both on my staff and the authors published within these pages. Their commitment to excellence is a trait I admire deeply, and I am proud to present their work under the Lucerna title. I wish each of the students featured in Lucerna this year a future of success, commitment, ambition, and fulfillment. As Henry David Thoreau wisely said, “Go confidently in the direction of your dreams. Live the life you have imagined.”

Very Sincerely,

Taylor Barton
2012 Editor-In-Chief of Lucerna
Taylor Barton

Taylor is a senior working on earning a B.S. in Environmental Science and a B.A. in Philosophy. She is hoping to eventually attend graduate school to study environmental philosophy and policy. She is especially interested in pragmatic philosophy and systems theory. Besides attending classes at UMKC and participating in the Honors Program, Taylor is involved in Phi Sigma Tau, the philosophy honors society, and Advanced Law Club. She is also a member of Phi Kappa Phi Honors Society. She works at the U.S. Environmental Protection Agency Region 7 as an intern and also serves as a Supplemental Instructor in Philosophy at UMKC. She enjoys working with Lucerna because providing students with opportunities to showcase their research is an awesome opportunity. Lucerna also provides students with insight into other fields, hopefully sparking interest in subjects they may have never encountered otherwise.

Kirsten Peterson

Kirsten came to UMKC in 2010 and is majoring in Communication Studies and Political Science. She plans on graduating in spring 2013 and hopes to either continue her education or engage herself in working in the world of politics. If she could pursue any career and succeed, it would be as a political speechwriter. In her free time, she likes to read, collect antiques, shop online, and practice her Mandarin Chinese. When it comes to Lucerna, Kirsten finds a great deal of value in academic research and thinks that it is an excellent way to engage oneself in his or her field of choice. Not only does it provide more knowledge, it also fosters invaluable streams of thought that may not have occurred otherwise. Putting the mind to work can be quite the exercise, but it is also very rewarding.
TREASURER  

**HYE-WON HAM (JENNY)**

Jenny is pursuing a Chemistry BS/Pre-Pharmacy degree. She is an Alpha Lambda Delta member, Korean Student Association Treasurer, and Lucerna Treasurer. She is currently in the Honors Program and in the pre-pharmacy club. While some of us shy away from the sciences, Jenny really enjoys studying chemistry. She has also enjoyed working with Lucerna, which involves responsibility and teamwork. If teamwork is not established, the journal would never get done in time. Working on Lucerna has also taught her how to work with other student organizations like the Student Government Association.

SECRETARY  

**MIKAYLA GREEN**

Mikayla is a sophomore majoring in English and Secondary Education (doubling in English: Language and Literature). Besides acting as the Secretary of Lucerna, she is involved in the Undergraduate English Council (UEC) and the UMKC Peer Coaching Program. Her interests include reading, volunteering and shopping. Lucerna has given her experience in what it takes to publish a journal, as she would like to publish books and articles during her teaching career.

ESSAY REVIEWER  

**PARIS CLARK**

Paris is a sophomore pursuing a double major in Psychology and English Literature, and a minor in Spanish. She has worked as an office assistant in the Student Union for the last two years, and will be returning as a New Student Orientation Leader for the Summer 2012. She is also a Resident Assistant in the Department of Residential Life and a proud member of the UMKC Honors Program. Her involvement with Lucerna aligns with her interests in research and hopefully publishing her own original work in the future. She plans to pursue a Ph.D. in Psychology, focusing on psychological disorders and family dynamics as well as language and literature in English and Spanish within the constructs of classic psychological theories.
ESSAY REVIEWER  

AREY G. JOHNSON

Amy is a second-year junior majoring in Biology and interested in everything from public health and advocacy work to bodybuilding and reptiles. She has enjoyed working as an essay-reader for Lucerna because it gives her an outlet to read creative compositions and enjoy the talent of the students here at UMKC. Eventually, she'd love to sit on a research review board for a nonprofit organization, examining medical publications much in the way she does with student work for Lucerna.

ESSAY REVIEWER  

CHELSEA SCOTT

Chelsea is a resident assistant in the Oak Street Residence Hall, and has been for the past two years. She enjoys being a student at UMKC and is a member of Impact Ministries on campus. She has been an essay-reader for Lucerna since she was a freshman and enjoys reading all the articles. Chelsea finds it very interesting to read papers written by her peers who have different passions than her. It really takes learning that extra step outside the classroom.

ESSAY REVIEW BOARD

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GRAPHIC DESIGNERS

PROFESSOR PAUL TOSH
CHELSEA COOPER
GREGORY STEEL

is in the final stages of his career at UMKC. His interests range from environmental sustainability to animal wellbeing. These interests are reflected in his chosen fields of study: biology, chemistry, and environmental studies. He has chosen to write about the parasite-host interaction because to him, these are some of the most derived and most interesting relationships in the animal kingdom. His future goal is to work to help both the animal kingdom and the environment in which we all live. He is currently the president of the Student Environmental Coalition. The main focus of this organization is to foster student and community involvement to sustainably care and protect the environment.

MAX SHOCKLEY

is not a career-oriented person. He prefers to see his life as an exploding firework. At the heart of this explosion there are a few main guiding or motivating forces from which other less important things stream. One of these forces is the idea of Christian Hedonism. It is a rejoicing in the heart about something in the mind, something like the gospel. He loves it. Critical understanding developed in Economics helps him to see what is really important in a system. In the system of life, it is critical that his heart not be overly critical of others given what he knows and rejoices in about who God has shown himself to be.

ALEX KARANEVICH

is a mathematics major at the University of Missouri-Kansas City who completed his undergraduate degree in May 2012. He has accepted an offer from the University of Wyoming to pursue a Ph.D. in mathematics with a focus on applied mathematics.
JESSE HAMER

is pursuing a B.A. in mathematics with two minors, French and Computer Science. He plans on graduating from UMKC in Spring 2013 and going directly into graduate school for pure mathematics the following fall. He is not yet certain as to where he will go for graduate school, but would like to pursue a Ph.D. As far as career goals are concerned, Jesse aspires to become a pure mathematician, teaching at the university level and doing research. He finds pure math fascinating but also has a strong interest in philosophy, although that's more of a hobby than anything at the moment. He enjoys reading, especially about the philosophy of mathematics and logic, and would not mind doing some work in either of those areas. Jesse enjoys playing the guitar in his free time and going to the movies. He would like to thank Dr. Richard Delaware for providing lots of constructive feedback during the development of his paper.

RACHEL KAUFFMAN

is graduating this year with a in psychology and sociology and a minor in family studies. She was a member of Phi Theta Kappa and in the Honors Program, and a member of Psi Chi, the International Honors Society in Psychology. She served in various leadership positions in UMKC’s Sociology Club. She was a research assistant in Dr. Tamera Murdock’s psychology lab. She has presented her research on adolescent fathers’ young adult outcomes at the Great Plains Psychology Conference (2012), the Great Plains Honors Conference (2012), and Midwestern Psychological Association in Chicago (May 2012). She has received a SEARCH (Students Engaged in Artistic and Academic Research) grant and a Psi Chi travel grant to conduct and present her research. Her main research interests include close relationships, community prevention and intervention, gender issues, and social psychology. She would like to thank Professor Wade Elmore for his assistance with the successful publication of her essay.
MELISSA CHILDRESS

is graduating this year with a bachelors degree in psychology. Her research interests include child, parent and provider perceptions of treatment in chronic illness and how this affects adherence and treatment course, specifically in ADHD and chronic pain. She plans on pursuing a Ph.D. in clinical psychology after finishing her degree at UMKC.

JULLIETTE BATES

will graduate with a double major in German and Studio Art and a minor in Philosophy this spring. In the fall, she plans on travelling to Germany for a year as a Fulbright English Teaching Assistant. She cannot predict her future beyond that, but is very excited for it nonetheless. This paper was inspired by Julliette’s junior year abroad in Salzburg, Austria. She would like to thank Dr. Scott Baker for being a patient and encouraging mentor, not only on this project but throughout her entire German-speaking career.

JEREMIAH SHULER

is a senior at UMKC majoring in Urban Studies-Community Development and Housing Tract. He chose UMKC because of the urban campus and the ability to study cities through social sciences and urban planning. He hopes to continue his education at UMKC and obtain a master’s degree in Public Administration. Before UMKC, Jeremiah served eight years in the Marine Corps. He is married and has four children. He would like to thank Professor Sookhee Oh for encouraging him to submit this paper.
LAWRENCE STITT

is a junior history major emphasizing in the study of the history of Kansas City and the surrounding region. In addition to local studies, Lawrence is interested in the intersections of philosophy, history and politics and the relationship between local and global historical events. He originally wrote the paper "The Necessity of Choice: Reflections on Film and History in Occupied East-Central Europe" for his fall 2011 course in East-Central European History with UMKC professors Dr. Andrew Bergerson and Dr. Larson Powell. Outside of the classroom, Lawrence recently completed research for the Kansas City 1912: Everything is Up to Date! exhibit at Union Station. He lives in Midtown, Kansas City and in his free time raises chickens, ducks and vegetables with his roommates.

ERIN YORK

is a 22-year-old writer and editor. In summer of 2012, she will graduate with a B.A. in Creative Writing and a minor in Manuscript, Print Culture, and Editing. Next, she plans to attend graduate school where she will pursue a Master in Fine Arts. Her writing has received both numerous publications and awards that include national acclaim. She has pieces forthcoming in The Whistling Fire and Dossier. Aside from writing, Erin has worked on several literary magazines and continues to work as a freelance copyeditor. For more information, visit her website: www.wix.com/eywritereditor/erinyork.