

Fellow	Major	DSP project	Mentor	Mentor Department
Taylor Amerman	Marketing, Community Communications and Leadership Development, Public Service	My research project is conducting a survey of students in the College of Agriculture to discover how they volunteer on campus and in the community. The results will be used as a marketing tactic for the College of Agriculture.	Lori Garkovich	Community and Leadership Development
Ben Barnes	Kinesiology	Studying cellular mechanisms responsible for respiratory muscle weakness.	Michael Reid	Physiology
James Chapman	Political Science & International Studies	Engage in scholarly research on United States-Iran relations and international diplomacy efforts	John Stempel	Patterson School
Sudipa Chowdhury	Biochemistry	An Investigation into the Dopamine Neuron Stimulating Peptide-11 Protein Interaction Network: A Novel Molecule for Treating Parkinson's disease	Luke Bradley	Anatomy and Neurobiology
James Dimayuga	Political Science	Analysis of conflict and cooperation between major powers in the international system	Dan Morey	Political Science
Jason Grant	English and Linguistics	To perform an in-depth, scholarly study of Gabriel Garcia Marquez, other authors of the Bocha period, and the philosophies of fiction found therein; simultaneously, to develop and expand a portfolio of creative fiction with the intent of serious self criticism and publication; to allow the study of Garcia Marquez to enhance and face self-reflection on my writing.	Susan Carvalho	Hispanic Studies
Hadley Hurst	Political Science	It will be focusing on the politics, the history, and the current food and economic crisis in Haiti. I want to do this research because I'm interested in learning how I can best help the people there. It is a very important cause to me.	Peter Berres	College of Health Sciences
Eseosa Ighodaro	Biology, minor in Chemistry and French	Ese will develop laboratory demonstrations, provide literature references, materials safety data worksheets, real-time high definition camera recordings and digital photos in support of an instructor's source book on chemical demonstrations.	Fitzgerald Bramwell	Chemistry
Nazeeha Jawahir	Chemistry, Philosophy	Mutating the charged DNA residues of Hendra virus fusion glycoproteins, and studying the effects of this on the viral fusion process.	Rebecca Dutch	Molecular and Cellular Biochemistry
Rachel Keller	International Studies (FLIE Spanish) & English	NAFTA's effects on Kentucky's economy	Kenneth Troske	Economics
Christina Kuchle	Forestry and Natural Resource Conservation	Investigate the impact of invasive honeysuckle plants on nutrient cycling in Kentucky's hardwood forests.	Mary Arthur	Forestry
Dylan Murphy	Biology	Topic is prions and dealing with mutated proteins that have been turned into prions within cells in the nervous system. The very specifics of exactly what I will be looking at I'm not sure yet.	Glenn Telling	Microbiology, Immunology and Molecular Genetics
Shannon Smith	Biology	Meditation and Sleep Deprivation. Does meditation (diff. time increments) improve concentration, etc.	Bruce O'Hara	Biology Department
Jennifer Strange	Finance	I am studying the effects of homelessness on children's education in Kentucky, specifically the effects of mobility on educational success.	Joanna Badagliacco	Sociology Department
Stephanie Straub	English	Poetry collection	Jane Vance	English
Angel Tomiatti	Sociology & Psychology	Coding video tapes	Richard Millich	Psychology
Kenisha Webb	Biology	Congestive Heart Failure (CHF) is the leading cause of death in the United States and the western world. The clinical features and phenotypic change of the failing heart are well understood; however, the cellular and molecular mechanisms underlying these events are not yet defined. Therefore, I plan to utilize a biochemical approach involving 1-D gel electrophoresis and Western blot analysis to test a series of PKC specific antibodies. This project may elucidate how PKC expression changes from pre-hypertensive to heart failure.	Marius P. Sumandea	Physiology