

## UROP Projects for the 2005-2006 Academic Year

**Student:** Kyle Fluegge

**Sponsor:** Dr. Yener Kandogen; School of Management

**Title of UROP project:** *Role of Culture on European Consumption Patterns*

**Project Summary:** This project explored the role of culture on consumption patterns in European countries. Europe provides an interesting setting for such a project since it's going through a process of becoming one multi-cultural country. The project involved finding a working definition of culture, identifying possible sets of products over which the effects of cultural similarities/differences can be observed, and products where this is not a factor, more importantly measuring the culture of countries, writing survey questions, and developing models to analyze survey results.

**Student:** Deborah Hayman

**Sponsor:** Dr. Joan Mars, Sociology

**Title of UROP project:** *Crime and Immigration in the Caribbean*

**Project Summary:** This research will result in the publication of a book on the U.S. immigration policy and practice and its impact on criminal aliens of Caribbean descent. Legal research and the analysis of official data have been combined with empirical data collection through taped face-to-face interviews and the analysis of this data using both qualitative and quantitative techniques. The student assistant was also responsible for conducting legal research, literacy reviews and analysis, database searching, interview transcription, and data entry.

**Student:** George Schoendorff

**Sponsor:** Dr. Jie Song, Chemistry

**Title of UROP Project:** *Theoretical Investigations of a New Aza-Fullerene*

**Project Summary:** In this study, the student and faculty sponsor investigated the properties of an aza-fullerene. Fullerenes are very useful candidates for the synthesis of the cluster assembled materials. It was predicted that fullerene solids based on smaller fullerenes are energetically stable and estimated to have substantially higher super-conducting transition temperatures. Both experimental and theoretical information was used to predict its usage in nanotechnology. Through this project, the student learned how to use the computational chemistry software, perform calculations, analyze and interpret the calculated results and write reports based on his analysis.

**Student:** Shandi Heath

**Sponsor:** Charles Spurlock, Sociology

**Title of UROP Project:** *Chaldean Gender Transition*

**Project Summary:** The objective of this research was to account for social transition of gender arrangements among an immigrant group. The methodology was qualitative and done via non-directed interviews which were transcribed and analyzed by the student.

**Student:** Derrick Bradley

**Sponsor:** Dr. Marianne Gregor, Urban Health and Wellness Center

**Title of UROP Project:** *Developing and Implementing a Wellness Center in the UHWC*

**Project Summary:** This project examined current methods used to implement Wellness Centers at local and regional health clinics as a precursor to developing and implementing a wellness center at the University of Michigan-Flint.