

## **SUSTAINABILITY ACROSS THE CURRICULUM WORKSHOP**

KSU's Sustainability Across the Curriculum has been offered six times since 2009 with an alumni group of over 75 faculty members from 10 Colleges in the University.

The two-day workshop includes information sharing on local and global sustainability and campus tours highlighting KSU's successes and areas in need of improvement.

Faculty participants work in teams to develop outlines for the development of sustainability-themed courses or instructional units within existing courses. Products from 2016 workshop participants are listed below.

Faculty members with 10-month contracts receive a stipend for their participation.

### **Sustainability Across the Curriculum Workshop Products 2016**

#### **Neysa Figueria** – Foreign Languages

In Language Proficiency courses: Use the campus as a focus for language proficiency discussion and writing; report on student groups or campus activities and discuss environmental topics in the news.

Study Abroad: Focus on differences in environmental attitudes and practices in different cultures.

#### **Sarah Holmes** - Dance

Technique: Using dance to promote sustainability concepts. Creating an awareness of one's relationship to and impact on one's surrounding. For example, consider the effects of various surfaces on dancers, or the environmental impact of a show production.

History: Encourage an awareness of environmental impact; for example, a "cradle to grave" analysis of the rapid turnover of point shoes.

#### **Jennifer Hutchins** – Marketing and

#### **Mona Sinha** - Marketing

This is a coordinated class effort between Marketing & Management for Engineers (Sinha) and Advertising and Promotion (Hutchins):

Graduate course in Marketing & Management for Engineering Technology: a semester-long project focusing on KSU's "Plow-to-Chow" program.

Phase 1: Research and formulate sustainable engineering strategies for improvements in program efficiency and productivity (e.g., enhanced energy and water conservation). Identify outcomes and benefits as well as long term lifestyle changes for the dining population to be passed along to Advertising course.

Phase 2: Advertising students would identify the best methods and messages that promote awareness of the program's benefits to the KSU community and beyond.

### **Parminder Juneja** – Construction Management

Student projects will focus on one building on the Marietta campus and carry out a life-cycle analysis. This breaks the typical decision-making model of focusing primarily on budget and schedule by adding sustainability and appropriate assessment methods as long-term components.

### **Marina Koether** – Chemistry & Biochemistry

Environmental Chemistry course: Students in this on-line course will be assigned the Ray Anderson video on KSU's Sustainability website. The *Ecology of Commerce* book will be added to complement the *Drug Company Next Door* with its information about pollution in Puerto Rico.

### **Maurice LeBlanc** – Mathematics

Students in introductory level courses will be given environmentally-themed data sets for their assignments.

### **Julie Newell** – Interdisciplinary Studies

Science, Technology, and Society course: Use the concept of "Appropriate Technology" as a vehicle for addressing themes throughout the semester. For example, appropriate technology does not do violence; it fits the problems facing society, provides benefits for the people and leads to sustainability.

### **Tom Pynn** – Interdisciplinary Studies

For PAX 1102 – Understanding Peace and Conflict: Include themes of ecofeminism in contrast with the masculinist view of dominating nature. Case studies can include the 1980's Chipko movement in India, and the reintroduction of red wolves in the Carolinas. Student assignments can include envisioning their future surroundings and participating in a "council of all beings" in which humanity's environmental footprint is judged.

### **Camille Sutton-Brown-Fox** - Elementary and Early Childhood Education

Critical Theory course: Add Ecofeminism and Environmental Justice concepts to the course.

MAT students: "Action Research" – student teachers address environmental issues at their schools.

