# **Sustainability Traineeships**

Achieving Environmental, Industrial, and Societal Sustainability via the Sustainable Futures Model A Community ..



Environmental Systems
Fate & Transport Mechanisms
Industrial Systems
Bio-remediation
Course

Eco-efficient Manufacturing
Reduced Manufacturing Emissions
Product Recycling/Recovery
Design for the Environment

student advising, research, & training.

Societal Systems

Sustainability Metrics

**Impact Modeling** 

Risk Assessment

Communication of Risk Social Justice & Public Policy Knowledge Diffusion Land Use Planning

**Integrative Initiatives** 

The Sustainable Futures Model

www.sfi.mtu.edu/IGERT

# **DISCOVER** the present.

**Experience the world** through a semester university exchange, an industry sponsored internship, and an international sustainable development experience.

#### **DEFINE** the future.

**Stipends of \$30,000** per year for outstanding U.S. Ph.D. students; funding also available for M.S. and Ph.D. domestic and international students.

### **Degree Programs**

# At Michigan Tech:

Ph.D./M.S. in Environmental, Mechanical, Chemical, and Civil Engineering; M.S. in Environmental Policy environmental engineering
environmental policy

chemical engineering

public policy

mechanical engineering

of Scholars

civil engineering

#### At Southern University:

Ph.D. in Public Policy; M.Eng. in Environmental Engineering and Mechanical Engineering

#### John W. Sutherland. Ph.D

Director, Sustainable Futures IGERT Michigan Technological University 803 R. L. Smith ME-EM Building Houghton, MI 49931 Email: sfi@mtu.edu

The Sustainable Futures IGERT has the mission to educate, train, and engage graduate students in the development of knowledge, technologies, and policies that promote and enable sustainability.

The Sustainable Futures Model brings together faculty, students, industry, and other stakeholders to address the relevant complex, interdependent environmental, industrial, and societal challenges via research and education.





Southern University