

SPECIAL SEMINARS

Civil, Mechanical & Manufacturing Innovation—National Science Foundation

presented by

Dr. George A. Hazelrigg

CMMI Division Director, National Science Foundation

Dr. George A. Hazelrigg will present two special seminars at Michigan Tech for faculty and graduate students. He will also be available on Thursday and Friday for meetings. His visit is co-sponsored by the ME-EM Department and the College of Engineering. Questions? Contact Adrienne Minerick, minerick@mtu.edu.

BIO: George Hazelrigg enjoyed designing and building things when he was young, so he decided to go to college to study engineering. He obtained a BS in mechanical engineering from Newark College of Engineering (now New Jersey Institute of Technology) and went to work for Curtiss-Wright. There he found that his education had utterly destroyed his abilities to do engineering design. So he felt it necessary to get a master's degree. He completed an MS in mechanical engineering, also from NCE, but still hadn't regained his design abilities. While getting his MS, however, he did some teaching and liked it. So he figured that if he couldn't do design, the next best thing would be to teach it. Five years later he had obtained MA, MSE, and PhD degrees in aerospace engineering from Princeton University. Now, in addition to not knowing how to do design, he couldn't teach it either. For the next 25 years he roamed industry and academe in an attempt to understand the theory of engineering design, including time spent at the Jet Propulsion Laboratory, General Dynamics, Princeton University and a consulting firm of which he was a co-founder. He also spent a year in Korea helping to found the Systems Engineering Department of Ajou University. He joined the National Science Foundation (NSF) in 1982 as program director for the Engineering Design program, providing support to others in the field. In January 1996 he did a stint as Station Science Leader of the US South Pole station. In 2004 he became Program Director for the NSF Manufacturing Machines and Equipment program, and then Deputy Division Director of NSF's Civil, Mechanical & Manufacturing Innovation (CMMI) Division. He also served as Program Director of the Sensors and Sensing Systems program. For relaxation he spends his weekends soaring over the Shenandoah Valley as a certified flight instructor in gliders (CFI-G) with about 1,800 total flying hours.

Thursday, September 24, 2015



Dr. George A. Hazelrigg

9:00 AM - 11:00 AM
**Framing Your
Research Project**

MEEM 112

**TARGET AUDIENCE: NEW &
ESTABLISHED FACULTY**

4:00 PM - 5:00 PM
**The Engineer as a
Decision Maker**

Dow 641

TARGET AUDIENCE: GRADUATE STUDENTS & FACULTY

RSVP at <http://goo.gl/forms/2bYIQKsBiw>

Michigan Tech