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Introductions:

Practitioner Advisors: Dave Karnowski
Peter Clark

Honorary Lifetime
Contact Member: Bob Thorn

Faculty Advisors: Dr. Hossain
Dr. Riding

Officer Reports:

President: Walter Hicks
Vice President: Jennifer Sommerfeld
Treasurer: Jessica Hennes
Recording Secretary: Xinch Zhang
Corresponding Secretary: Adam Emerson
Newsletter Editor: Carl Peterson
Historian: Luke Fangman
Student Council Rep: Casey Mahoney
Freshman/Sophomore Rep: Cole turner
Graduate Student Rep: John Handke
Activities Chair: Jessalyn Fisher
Special Projects Chair: Levi Ewing
Webmaster: Ryan Scott
Steel Bridge Chairs: Rachel Spicer
Andrew Shearrer
Concrete Canoe Chairs: Jenny Swabb
Brianna Krysztow

Agenda:

Announcements: Walter Hicks

cer: Jennifer Sommerfeld
Dr. Carlos Bertha



Company Profile

Dr. Carlos Bertha

Military Engineering Ethics: Afghanistan as a Case Study

Carlos Bertha is an Associate Professor of Philosophy at the US Air Force Academy in Colorado Springs, Colorado. He received a Bachelor of Science in Mechanical Engineering from the University of South Florida in 1989. After working at the Savannah District Corps of Engineers for 5 years, he returned to South Florida, this time to study philosophy. He has been teaching at the Air Force Academy since June of 2000. Carlos' main area of research is engineering ethics, particularly engineering ethics education. He served as a technical advisor for the Global Anti-Corruption Education and Training Project, an activity supported by the American Society of Civil Engineers, which produced the movie *Ethicana*. Carlos is a Lieutenant Colonel in the US Army Reserves and in 2007-2008 served a yearlong deployment in Afghanistan, where he worked as the Resident Engineer in Gardez, for the US Army Corps of Engineers, Afghanistan Engineer District.

Presentation Abstract:

Situations that could be construed as a unique sort of engineering ethics will be discussed. In my presentation I will sketch two kinds of applied ethics: engineering ethics and military ethics. Next I will cover how military operations include an engineering component; that is, I will describe what "military engineering" is like and what it is about. I will do this both by talking about general US Army doctrine and by discussing a specific case drawn from my experiences in Afghanistan as a Resident Engineer with the US Army Corps of Engineers. Finally, I will propose that some of our moral intuitions in engineering ethics may be challenged by this sort of military engineering.

ASCE Building Profile



Clifton Suspension Bridge:

The Clifton Suspension Bridge is a suspension bridge spanning the Avon Gorge, and linking Clifton in Bristol to Leigh Woods in North Somerset, England. Designed by Isambard Kingdom Brunel, it is a landmark that is used as a symbol of Bristol. It is a grade I listed building.

The idea of building a bridge across the Avon Gorge originated in 1753 originally for a stone bridge with later plans for a cast iron structure. An attempt to build Brunel's design in 1831 was stopped by the Bristol Riots, and the revised version of his designs was built after his death, being completed in 1864. Although similar in size, the bridge towers are not identical in design, the Clifton tower having side cut-outs, the Leigh tower more pointed arches atop a 110 feet (34 m) red sandstone clad abutment. Roller mounted "saddles" at the top of each tower allow movement of the three independent wrought iron chains on each side when loads pass over the bridge. The bridge deck is suspended by eighty-one matching vertical wrought-iron rods.

Two men were killed during the construction of the bridge and since then it has become known as a suicide bridge and is fitted with plaques that advertise the telephone number of The Samaritans. The bridge is a distinctive landmark, used as a symbol of Bristol on postcards, promotional materials, and informational web sites. It has also been used as a backdrop to several films and television programs.

Officer Contacts

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Brianna Krysztof – *briannak@ksu.edu*

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5	4	6	7	1	9	2	3	8
3	8	9	5	2	4	1	6	7
8	9	1	2	3	7	4	5	6
4	7	5	1	6	8	9	2	3
6	2	3	9	4	5	7	8	1
1	3	4	6	7	2	8	9	5
9	6	8	4	5	1	3	7	2
7	5	2	8	9	3	6	1	4

Important Information

FE Review manuals are available for purchase, they cost \$65 each. Contact any officer if you are interested in purchasing the manual.

Students must become national members to receive credit for ASCE Student Membership. Registration is free and can be done online at <http://www.asce.org/> Click "login" at the top of the page, then click "click here to create one" and follow the instructions to become a national member.

Scholarships:

Kansas County Highway Scholarship

Jr./Sr. Eligibility

Deadline: **September 23, 2011**

SMART Scholarship

DoD sponsored

Full tuition, internship, and post grad employment

Jobs/Internships:

Mock Interviews – **September 19**

All University Career Fair – **September 20-21**

Internship opportunities available at Alberici Constructors!

Informational presentation Monday, **September 19, 2011, 6:30 p.m.** Seaton Hall, Room 221.

Schedule

September 15 –**Assembly**

September 29 –**Fall Picnic (City Park)**

October 6 –**Assembly**

October 20 –**Assembly**

November 3 –**Joint Dinner with KU (Tentative date)**

November 17 –**Assembly**

November 24 –Thanksgiving Break

December 1 –**Elections/Senior Projects**

December 8 –**Awards Banquet**