

Multidisciplinary Engineering and Business

Monday, June 19, 2006 7:00-8:15 a.m.

Moderator: Fred Driscoll, Wentworth Institute of Technology

2006-1575 CREATING A MULTI-DISCIPLINARY COURSE WITH INDUSTRIAL INPUT
2006-1123 INTEGRATION OF BUSINESS APPLICATIONS AND FUNDAMENTAL SKILLS
IN AN UNDERGRADUATE BUSINESS STATISTICS COURSE
2006-1177 AN INTERDISCIPLINARY BIOENGINEERING BASED BUSINESS AND
INSTRUMENTATION DEVELOPMENT PROJECT

Terri Lynch-Caris <tlynch@kettering.edu>
Chetan Sankar
<sankar@business.auburn.edu>
Sean Gallagher <sean@lsai.net>

ABET Accreditation of Multidisciplinary Programs

Monday, June 19, 2006 2:15-4:00 p.m.

Moderator: Edwin Jones, Iowa State University

2006-403 A LOOK AT THE PROGRAMS IN MULTIDISCIPLINARY ENGINEERING AREAS
FOR WHICH ASEE IS NOW THE LEAD SOCIETY FOR ABET ACCREDITATION
REVIEW
2006-1451 PROGRESS OF THE ASEE ACCREDITATION ACTIVITIES COMMITTEE
(ASEE/AAC)
2006-987 PASSING THE FUNDAMENTALS OF ENGINEERING EXAMINATION AS A
GRADUATION REQUIREMENT IN A GENERAL ENGINEERING PROGRAM:
LESSONS LEARNED
2006-2504 INTEGRATING TC2K INTO A MULTI-DISCIPLINARY SEMINAR COURSE:
FINDING A HOOK FOR THE □SOFT□ OUTCOMES

James Farison <Jim_Farison@baylor.edu>
Edwin Jones <n2ecj@iastate.edu>
Richard Helgeson <helgeson@utm.edu>
David Cottrell <dscottre@uncc.edu>

Multidisciplinary Design

Moderator: Nelson Macken, Swarthmore College

Tuesday, June 20, 2006 12:30-2:00 p.m.

2006-568 CONVERGING-DIVERGING APPROACH TO DESIGN IN THE SOPHOMORE
ENGINEERING CLINIC
2006-947 THE DO'S AND DON'T'S OF STUDENT PROJECT COLLABORATION
BETWEEN COLLEGES: A HINDSIGHT VIEW FROM TWO COMMUNITY
COLLEGES
2006-1279 INNOVATION AND IMPROVEMENT OF A MULTIDISCIPLINARY ENGINEERING
DESIGN COURSE: INCREASING INTERDISCIPLINARY INTERACTION
2006-2614 IMPLEMENTING SERVICE LEARNING IN ENGINEERING CURRICULUM

Kevin Dahm <dahm@rowan.edu>
Nikki Larson <nicole.larson@wwu.edu>
Steven Northrup <snorthru@wnec.edu>
Mariappan Jawaharlal
<jmariappan@csupomona.edu>

Multidisciplinary and Liberal Education (cosponsored by Liberal Education Division)

Tuesday, June 20, 2006 2:15-4:00 p.m.

Moderator: James Farison, Baylor University

2006-1823 ENGINEERING KNOWLEDGING: CROSSING DOMAINS
2006-996 Understanding "Design Thinking" in the Context of Education.

Tom Roberts <tcr@ksu.edu>
Richard Fry

2006-930 MAKING MULTIDISCIPLINARY TEACHING COMMONPLACE David Ollis <ollis@eos.ncsu.edu>
2006-1822 FRESHMAN COURSE ON
SCIENCE TECHNOLOGY AND SOCIETY

Annual Multidisciplinary Engr. Business Meeting

Tuesday, June 20, 2006 4:30-6:00 p.m.

Moderator: James Farison, Baylor University

Multidisciplinary Course Innovation

Wednesday, June 21, 2006 7:00-8:15 a.m.

Moderator: Gayle Ermer, Calvin College

2006-1932 YOU'VE BEEN SLIMED!: PROCESS AND PRODUCT DESIGN EXPERIENCES FOR RECRUITMENT AND RETENTION OF CHEMICAL AND INDUSTRIAL ENGINEERS Karen High <karen.high@okstate.edu>

2006-1136 PATTERNS IN TEAM COMMUNICATION DURING A SIMULATION GAME Steve Watkins <steve.e.watkins@ieee.org>

2006-1328 SHARING LABORATORY RESOURCES ACROSS DEPARTMENTS FOR A CONTROL SYSTEMS CURRICULUM John-David Yoder <j-yoder@onu.edu>

Multidisciplinary Curriculum Innovation

Wednesday, June 21, 2006 12:30-2:00 p.m.

Moderator: Catherine Skokan, Colorado School of Mines

2006-130 CURRICULUM DEVELOPMENT FOR AN INTERDISCIPLINARY MANUFACTURING ENGINEERING PROGRAM Frank Liou <liou@umr.edu>

2006-349 LONGITUDINAL STUDY OF U.S. NEWS RANKINGS OF ENGINEERING PROGRAMS IN INSTITUTIONS WITHOUT DOCTORAL PROGRAMS IN ENGINEERING James Farison <Jim_Farison@baylor.edu>

2006-858 BLANK SLATE ENGINEERING AT FLORIDA GULF COAST UNIVERSITY □ INNOVATIVE AND MULTIDISCIPLINARY FROM THE GROUND UP Susan Blanchard <sblancha@fgcu.edu>

2006-1103 PHYSICAL PROPERTIES AND PROBLEM SOLVING IN ENGINEERING: BROADENING THE EFFECTIVENESS OF TRADITIONAL ENGINEERING COURSES Keith Bowman <kbowman@ecn.purdue.edu>

2006-1707 DEVELOPMENT OF A NEW INTEGRATED ENGINEERING PROGRAM Idir Azouz <idir.azouz@mwsu.edu>

We are also secondary sponsors for the following sessions:

Integrating H&SS in Engineering I (Liberal Education Division)

Monday June, 19 2006 7:00 a.m.-8:15 a.m.

Capstone Design Courses (Systems Engineering Constituent Committee)

Wednesday June 21, 2006 12:30 - 2:00p.m.