

**PHD IN TECHNOLOGY MANAGEMENT GRADUATES AND
ANTICIPATED GRADUATES THROUGH SUMMER 2020**

	Specialization	Defense Date	Graduation Date
1. Lois Anderson	HRD and Industrial Training	April 15, 2000	Spring 2000
Survival Competencies Required of Human Resource Development Generalists Who are Solo-Performers in Organizations in the Next Five Years: A Modified Delphi Study			
Lowell Anderson, Chair; Jeff McNabb, Ernest Savage, Joe Benkowski, Leonard Sterry.			
2. Alan Stolzer	Quality Systems	July 11, 2002	Summer 2002
Fuel Consumption Modeling of a Transport Category Aircraft: A Flight Operations Quality Assurance (FOQA) Analysis			
Ronald Woolsey, Chair; David Beach, Larry Hatch, Tim Brady, John Sinn			
3. Cindy Stevens	Digital Communications	August 7, 2002	Fall 2002
Evaluating the Effectiveness of Concept Mapping as a Strategy for Developing a Knowledge Management Model For an Urban Institute's Digital Campus			
J. Barry DuVall, Chair; Gerald Cockrell, Donna Trautman, William James, Max Poole			
4. David Rosenthal	Digital Communications	October 31, 2002	Fall 2002
A Multiple Regression Analysis of Selected Variables Effecting the Transmission of Video over Internet Protocol Networks			
Charles Coddington, Chair; David Beach, William McPherson, Biwu Yang, Elmer Poe			
5. Elaine Seeman	Digital Communications	December 9, 2002	Spring 2003
A Gap Analysis of Wireless E 911 Services in North Carolina			
Robert Chin, Chair; Robert English, Harold Stone, Philip Lunsford, Biwu Yang			
6. Kevin Berisso	Manufacturing Systems	March 24, 2003	Spring 2003
A Comparison of Measurement Variations for Selected Probe Head Configurations for Coordinate Measuring Machines.			
Jeff McNabb, Chair; Gordon Minty, Mike Hayden, Lyamn Hannah, William Croft.			
7. Jeffrey Rybak	HRD and Industrial Training	October 3, 2003	Fall 2003
Optimizing the Space Transportation Information Network: A training Model for An Innovative Project at NASA Glenn Research Center			
Ernest Savage, Chair; Leonard Sterry, David Beach, Larry Hatch, Angelo Brown			

16. Ugo Mgbike	Manufacturing Systems	September 2, 2005	Fall 2005
An Analysis of the Effects of Temperature and Flux Level on Scraps Produced in the Cast-on-strap Process in a North American Battery Manufacturing Plant			
Ronald Woolsey, Chair; Charles Coddington, Gerald Cockrell, Robert Ohrenberg, Larry Hatch			
17. Dorothy Carole Yaw	HRD and Industrial Training	November 10, 2005	Fall 2005
An Evaluation of E-learning in Industry at Level Three Based upon the Kirkpatrick Model			
Donna Trautman, Chair; Anthony Gilberti, David Beach, Marion Schafer, George Maughan.			
18. Scott Fee	Construction Management	November 14, 2005	Fall 2005
Sustainable Construction Practices: Contractors Perceptions of Awareness and Participation			
Bruce Dallman, Chair; Wil Roudenbush, Jack Landers, Ron Woolsey, David Batie			
19. Terry Bilke	Quality Systems	November 7, 2005	Spring 2006
An Integrated Tool and Improved Performance Metrics to Monitor the Adequacy of the North American Electric Power System.			
John Sinn, Chair, Todd Waggoner, Wallace Carlson, David Beach, Ming Zhou			
20. Dennis Dorward	Construction Management	December 9, 2005	Spring 2006
The Effect of Selected Output Modifications on Facilitating the Assessment of PDM Schedules			
David Beach, Chair, Bruce Dallman, Larry Heath, Lee Ellingson, Godron Minty			
21. Yoqiu You	Manufacturing Systems	March 6, 2006	Spring 2006
Establishing A Web-based Integration Module in .NET and LabView Environment.			
Gerald Cockrell, Chair, Gordon Minty, Ming Zhou, Biwu Yang			
22. James Keyes	Manufacturing Systems	March 6, 2006	Spring 2006
The Effect of Lean Manufacturing on a High-Mix Low-Volume Metal Fabrication Manufacturer			
Gordon Minty, Chair, Michael Hayden, Robert Meyer, Carol Mooney, James Smallwood			
23. Errol Samuel	Quality Systems	January 20, 2005	Spring 2006
Factors Influencing Non-implementation of the ISO 900 Quality Management System among Business Organizations in the Caribbean Sub-region			
John Sinn, Chair, David Beach, William James, Angelo Brown, Ming Zhou			

24. Shoji Nakayama HRD and Industrial Training April 18, 2006 Summer 2006

An Experimental Study of the Effectiveness of Three Safety Training Delivery Methods and the Knowledge Gained During a Workplace Violence Safety Program.

Ronald Woolsey, Chair, David Beach, Anthony Gilberti, David Kreiner, John Sutton

25. Tracy Pierner Manufacturing Systems July 31, 2006 Fall 2006

Investigation into the Tradeoffs of Centralized Versus Distributed Control Architectures Utilizing Electronic Gearing in PLC and PC-Based Servo System Employing Serial Real-Time Communication

Robert Meyer, Chair, Fereshteh Fatehi, William Clyburn, Jeffrey McNabb, Carol Mooney.

26. Scott Shadrick HRD and Industrial Training August 31, 2006 Fall 2006

Accelerating the Development of Adaptive Thinking in United States Army Captains

Anthony Gilberti, Chair, David Beach, Donna Trautman, John Sutton, James Lussier

27. Bashar Haddad Construction Management October 12, 2006 Spring 2007

Risk Management in the Contractual Language in the Construction Industry – the Impact of Exculpatory Clauses on Contractor Bid Price.

Bruce Dallman, Chair, Lee Ellingson, Douglas Kruger, David Batie, Musibau A. Shofoluwe

28. Timur Mirzoev Digital Communication February 28, 2007 Spring 2007

A Hardware-Based Model for Reducing Field Loss by a Video Processing System

Gerald Cockrell, Chair, William Croft, Alfred Finch, Reza Raeisi, Ming Zhou

29. Alireza Alavizadeh Manufacturing Systems January 19, 2007 Summer 2007

Case Studies on Usage of Axiomatic Design Methodology in the U.S. Industries

Sudershan Jetley, Chair, Alan Atalah, Donna Trautman, Todd Waggoner, David Beach

30. Milos Krsmanovic Digital Communication February 9, 2007 Summer 2007

Status of Automation of Electronic Prepress Workflow

Donna Trautman, Chair, Terry Herman, David Border, Anthony Gilberti, William Croft

31. Brian Balzer Manufacturing Systems May 3, 2007 Summer 2007

Impact of a Microwave Curing Process on Tensile Strength of Selected Carbon Fiber Composites.

Jeff McNabb, Chair, W. Tad Foster, George Maughan, David Stienstra, Guo-Ping Zhang

32. Thomas Burns Construction Management May 17, 2007 Summer 2007

The Effect of Selected Request for Information Variables on Steel Fabrication Outcomes

David Batie, Chair, Erich Connell, Lee Ellingson, Bruce Dallman, George Suckarieh

33. James Maxwell HRD & Industrial Training May 25, 2007 Summer 2007

The Relationship between Technological Entrepreneur Type and Use of Innovative Technology

Donna Trautman, Chair, Terry Herman, Leonard Graziplene, Gerald Cockrell, David Beach

34. Zaki Kuruppallil Manufacturing Systems June 28, 2007 Summer 2007

Leanness and Agility in Job Shops: A Framework for a Survey Instrument Developed Using the Delphi Method.

Gordon Minty, Chair; Kevin Berisso, Michael Hayden, James Smallwood, Jeff McNabb

35. Mark A. Revels HRD & Industrial Training October 10, 2007 Fall 2007

The Learning Impact of Computer Mediated Communication on Computer-Based Training

Anthony F. Gilberti, Chair; David Beach, Ray Blankenship, John Sutton, Marion Schafer

36. Fred Rice HRD & Industrial Training October 12, 2007 Fall 2007

Online and Fact-to-Face Student Attrition at a Wisconsin Technical College

W. Tad Foster, Chair; George Maughan, Anthony Gilberti, Kathryn Hoff, David Beach

37. Kenneth Lewis, Jr. Digital Communication October 5, 2007 Fall 2007

The Development of an Accuracy Compliance Model for Enhancing Location Accuracy in E911 Phase II

Robert A. Chin, Chair; J. Barry DuVall, Tijjani Mohammed, Biwu Yang, Gerald Cockrell

38. Robert Morrison Manufacturing Systems March 26, 2008 Spring 2008

A Determination of the tasks of Technology Managers in the Central American Maquilas of US Based Multinationals Using Structured Observations

Gordon Minty, Chair; James Smallwood, Edward Kinley, Ahamad Zargari, Gerald Cockrell

39. Troy Ollison Manufacturing Systems January 22, 2008 Spring 2008

The Effects of Build Orientation, Diameter and Printhead Life on the Cylindricity of Three-Dimensionally Printed Parts.

Ronald Woolsey, Chair; R. Ohrenberg, James Smallwood, Kevin Berisso, Sudershan Jetley

40. Jeffrey Ulmer Manufacturing Systems March 06, 2008 Spring 2008

A study of ASO and SME Members on the Effects of Continuous Improvement Practices and Certifications on Quality Cost for Small-to-Midsized United States Manufacturing Companies Certifications on Quality Cost for Small-to-Midsized United States Manufacturing Companies.

Ronald Woolsey, Chair; Gordon Minty, Kevin Berisso, Gerald Cockrell, Robert Ohrenberg

41. Richard Bruce Construction Management January 31, 2008 Spring 2008

A Study of Craft Worker Length of Employment at Select Missouri Construction Companies

Ronald Woolsey, Chair; David Batic, Lee Ellingson, Lyman Hannah, Musibau Shofoluwe

42. Janett Gray Quality Systems April 18, 2008 Summer II 2008

Reducing product costs, increasing raw materials of non-controversial stem cell pharmaceuticals by lean waste elimination: A study with implications for reducing healthcare costs.

John Sinn, Chair; Tom Andrews; David Beach, Cynthia Thompson, Todd Waggoner

43. James Bossert Quality Systems July 22, 2008 Fall 2008

“G” and “H” Control Charts and Risk Analysis in the Banking Industry

Ronald Woolsey, Chair; Blanton Godfrey, John Sinn, David Beach, Ming Zhou

44. Mark Ciampa Digital Communication October 2, 2008 Fall 2008

The Impact of Computer Security Policy Content Elements on Mitigating Phishing Attacks.

Gerald Cockrell, Chair; William Croft, David Beach, Biwu Yang, Ray Blankenship

45. Randy DeMik HRD and Industrial Training October 9, 2008 Fall 2008

Human Performance Analysis of Controller-Pilot Data Link Communications.

Anthony Gilberti & Donna Trautman, Co-Chairs; Marion Schafer, David Beach & Bruce Dallman

46. Nicole Chandler HRD and Industrial Training October 20, 2008 Fall 2008

Assessing Podcasting as a Learning Methodology for Digital Natives and Digital Immigrants in the Corporate Learning Environment.

Donna Trautman, Chair; Gary Benjamin, Terry Herman, James Maxwell, David Beach

47. Edward Paulson Digital Communication October 15, 2008 Fall 2008

Evaluating Information Technology Project Task Completion Success Based on Task Routineness and Worker Experience.

David Beach, Chair; George Maughan, Anthony Gilberti, Corinne Benedetto, Tijanni Mohammed

48. L. Greg Ohrn Construction Management February 27, 2009 Spring 2009

The Influence of Job-Order-Contracting as a Construction Project Delivery Method on Owner Satisfaction.

David Batie, Chair; Charles Coddington, Lee Ellingson, Gordon Minty, Wil Roudebush

49. Jingqing Xia Quality Systems April 28, 2009 Summer II 2009

Factors Influencing Chinese Suppliers' Quality Performance: A Supplier Selection Model for Small and Medium Enterprises (SMEs) to Ensure their Chinese Suppliers' Ability to Provide Quality Products."

John Sinn, Chair; Anthony Gilberti, Todd Waggoner, Ronald Woolsey, Ming Zhou

50. Samuel L. Rohr HRD and Industrial Training April 29, 2009 Summer II 2009

Improving Student Retention of Future Members of the Science, Technology, Engineering, Mathematics and Business Workforce.

George Maughan & Anthony Gilberti, Co-Chairs; David Beach, Marion Schafer, Vincent Childress

51. Nicole Radziwill Quality Systems May 5, 2009 Summer II 2009

Topology, Evolution and Network-Based Continuous Improvement of the Quality Management Journal.

John Sinn, Chair; M. Affan Badar, Suhansa Rodchua, Ji Yao Shen, Todd Waggoner

52. Randy Hancock HRD and Industrial Training July 9, 2009 Fall 2009

Technology Assessment for Spaceship Two, Space Tourism, and Private Spaceflight.

Donna Trautman & Anthony Gilberti, Co-Chairs; David Beach, Chi Yeh, Vincent Childress

53. Anthony Mutai Construction Management September 11, 2009 Fall 2009

Factors Influencing the Use of Building Information Modeling within Leading Construction Firms in the United States.

Wifred H. Roudebush, Chair; Alan Atalah, George Maughan, Stan Guidera, Donna Trautman

54. Kevin Dickenson Manufacturing Systems September 24, 2009 Fall 2009

Cultural Influences on Manufacturing Strategy Development and Execution in Japanese Automobile Parts Manufacturing Facilities in the United States.

Donna Trautman & Anthony Gilberti, Co-Chairs; David Beach, Gordon Minty, James Smallwood

55. Leonard Pederson Manufacturing Systems January 8, 2010 Spring, 2010

Tasks and Responsibilities of a First Line Supervisor in a Job Shop Manufacturing Environment in Northwest Wisconsin.

Gordon Minty, Chair; Ed Kinley; Marion Schafer; James Smallwood; Anthony Gilberti

56. Greg Anderson	HRD and Industrial Training	March 01, 2010	Spring, 2010
The Impact of Cooperative Video Games on Team Cohesion			
George Maughan, Chair; Donna Trautman; Lauren Fowler; Bassou El Mansour; Ming Zhou			
57. Rafael Villegas	Digital Communication	March, 25, 2010	Summer II, 2010
An Empirical Measure of Computer Security Strength for Vulnerability Remediation			
Gerald Cockrell, Chair; David Beach; William Clyburn; DeWayne Brown; A. Mehran Shahhosseini			
58. Barbara Lach-Smith	Digital Communication	March 29, 2010	Summer II, 2010
Application of Strategic Institutional-information Technology Alignment Model in Four-Year Institutions of Higher Education			
Ed Kinley, Chair; David Beach; Gerald Cockrell; William Croft; George Maughan			
59. Diane Olson	Quality Systems	April 28, 2010	Summer II, 2010
A Study of the Relationships in Financial Performance, Organization Size, Business Classification and Program Maturity of Six Sigma Systems			
John Sinn, Chair; Royce Ann Martin, Jeff Ulmer, Ronald Woolsey; Michael Hayden			
60. David Heiser	HRD and Industrial Training	May, 4, 2010	Summer II, 2010
Union Members Attitudes toward Online Learning			
Larry Hatch, Chair; Donna Trautman; Gary Benjamin; Ronald Woolsey; Bassou El Mansour			
61. William Smith	Quality Systems	July 14, 2010	Fall 2010
Comparing the Relevance of Informal and Formal Learning in Skill Acquisition in a Leadership Development Program.			
George Maughan, Chair; David Beach, Tad Foster, Patti Phillips, Charles Coddington			
62. Dawna Drum	HRD & Industrial Training	August 20, 201	Fall, 2010
Effectiveness of Communication during Large-Scale IT Changes			
Tad Foster, Chair; Kathryn Hoff, Barb Eversole, Carroll Graham, David Beach			
63. Mark Fenton	HRD & Industrial Training	August 30, 2010	Fall, 2010
A Status Study of Selection, Training and Host Country Cultural Adaptation Experiences of Expatriate Faculty from United States ASCUE Universities.			
Tad Foster, Chair; Carol Yaw, Bassou El-Mansour, Cynthia Thompson, Vincent Childress			

64. Jon Persinger	Digital Communication Systems	September 13, 2010	Fall 2010
A Study of the Effectiveness of ITIL Process Implementations by Information Technology Departments within U.S. Organizations			
Gerald Cockrell, Chair; David Beach; Ron Woolsey; Charles Coddington; Kathryn Hoff			
65. Evan Wood	HRD and Industrial Training	September 14, 2010	Fall 2010
Post-Arrival Performance Interventions that Assist North American Expatriates Adjustment and Performance			
Bassou El Mansour Co-Chair, George Maughan Co-Chair; Donna Trautman; Vincent Childress; David Beach			
66. Affoue Konan	HRD and Industrial Training	October 20, 2010	Fall, 2010
Title: The HRD Competencies as Perceived by the Human Resource Development Professionals in Banks in Cote D'Ivoire			
Bassou El Mansour & George Maughan, Co-Chairs; David Beach; Cynthia Thompson; Musibau Shofoluwe			
67. Jeffrey Cunion	Manufacturing Systems	October 19, 2010	Fall, 2010
Sustainable Practices in Defense Aircraft Manufacturing			
Gordon Minty, Chair; Marion Schafer, James Smallwood, Donna Trautman, Jeffrey Ulmer			
68. Craig Schroeder	Manufacturing Systems	January 31, 2011	Spring, 2011
A Study of Model Centric Engineering and its Effects on Time-To-Market and Agility to Accommodate Customer Change			
Todd Waggoner, Chair; John Sinn, Gordon Minty, James Smallwood, Michael Foos			
69. Mike DeVore	Manufacturing Systems	February 18, 2011	Spring, 2011
An Experimental Study on Reducing the Formation of Dross When Cutting 1018 14R Steel Using a CNC Plasma Cutter			
Sudershan Jetley, Chair; Todd Waggoner, Gordon Minty, James Smallwood, Marion Schafer			
70. Kevin Liao	Digital Communication	March 11, 2011	Spring, 2011
Examining the Effects of Virtual Machines Settings on Voice over Internet Protocol in a Private Cloud Environment			
DeWayne Brown, Chair; Yuetong Lin, Suhansa Rodchua, Li Shiang Tsay, Derrek Dunn			
71. Suanu Wikina	HRD & Industrial Training	April 18, 2011	Summer II, 2011
Diversity and Inclusion in the Information Technology Sector: Examining Perceptions, Expectations, and Demographic Dimensions			
Cynthia Thompson, Chair; David Beach; Vincent Childress; Bassou El Mansour; George Maughan			

80. Zhan-Qing Liu Digital Communication February 2, 2012 Spring, 2012

Title: Effects of Message Interactivity upon Response Behavior in Digital Communications between Organizations and the Public

Robert English, Chair; Yuetong Lin, Mehran Shahhosseini, M. Affan Badar, SriKolla

81. Joseph Mainoo Digital Communication February 24, 2012 Spring, 2012

Title: A study of the Effects of Fieldbus Network Induced Delays on Control Systems

Committee: David Border, Chair; Gerald Cockrell, Robert English, Todd Waggoner, Sri Kolla

82. John Enamait Digital Communication March 13, 2012 Spring, 2012

Title: The Effect of Password Management Procedures on the Entropy of User Selected Passwords

Yuetong Lin, Chair; Terry Herman, Jeff Ulmer, Troy Ollison, David Beach

83. Tim Chow Quality Systems February 02, 2011 Summer II, 2012

Title: An Experimental Evaluation of a Computer-Aided Performance Rating Process and the Associated Improvement Opportunities

M. Affan Badar, Chair; Ming Zhou, John Sinn, Todd Waggoner, Ronald Woolsey

84. George Okere Construction Management July 22, 2011 Fall, 2012

Title: Investigative Study of Contract Administration Practices of General Contractors on Federal and State DOT Projects

Lee Ellingson, Chair; James Smallwood; Musibau Shofoluwe; Chul Kim; Cindy Crowder

85. Hari Kuchibhotla Digital Communication February 22, 2012 Fall, 2012

Title: The Study of Collective Actions in a University Anchored Community Wireless Network

DeWayne Brown, Chair; Robert English, Qing-An Zeng; Cynthia Thompson

86. Sandra Serkownek HRD & Industrial Training December 8, 2011 Fall, 2012

Title: Identification of Influential Promotion Decision Determinants for Advancement to First-Level Manufacturing Supervisor

Kathryn Hoff, Chair; Barb Eversole, Carroll Graham, Gary Benjamin, John Sinn

87. Barbara Boroughf HRD & Industrial Training January 12, 2012 Fall, 2012

Title: An Examination of the Relationship between Transformational Leadership Tendencies and Safety Outcomes in Manufacturing

Donna Trautman, Chair; Marion Schafer, Gary Benjamin

88. Nathan Baker	Quality Systems	June 14, 2012	Fall, 2012
Title: A study in the Difference of Warranty Failures of Common Platform Different Brand Name Dishwashing Appliances			
M. Affan Badar, Chair; John Sinn, Jeffrey Ulmer			
89. Scott Stamm	Quality Systems	February 12, 2013	Spring 2013
A Comparison of Gauge Repeatability and Reproducibility Methods			
Michael Hayden, Chair; M. Affan Badar; Marion Schafer			
90. Aaron Sauer	Construction Management Systems	February 14, 2013	Spring 2013
Sustainable Building Codes: How the Perceptions of Building Code Officials Influence their Intent to Adopt the International Green Construction Code			
Ron Woolsey, Chair; Brad Sims; David McCandless			
91. Dean Bartles	Manufacturing Systems	March, 08, 2013	Spring 2013
Generative Reduction of Energy Emissions via Numerical-Adaptive Control: A Step toward Environmentally Conscious Manufacturing			
Ronald Woolsey, Chair; Gerald Cockrell; Troy Ollison; Jeff Ulmer			
92. John Patton	Construction Management	March 09, 2012	Spring 2013
Task Diminishment: Construction Value Loss due to Sub-Optimal Task Execution.			
Lee Ellingson, Chair, Bruce Dallman, George Maughan, Musibau Shofoluwe, Wil Roudebush			
93. Mahmoud Al-Odeh	Manufacturing Systems	March 05, 2013	Summer II, 2013?
Feasibility Study of Residential Grid-Connected Solar Photovoltaic Systems in the State of Indiana			
Marion Schafer, Chair; Randy Peters; M. Affan Badar			
94. Mark Thomas	Digital Communication	May 13, 2013	Summer II, 2013
Identifying Effective Strategies to Providing Technical Support to One-to-One Programs in K-12 Schools			
Robert English, Chair; Gerald Cockrell; Ed Kinley			
95. Samuel Peffers	HRD & Industrial Training	May 15, 2013	Summer II, 2013
Defining Innovative Work Behavior in Greater Detail: An Inquiry Using Critical Incident Techniques			
W. Tad Foster, Chair; David Beach; Kathryn Hoff			

96. James McKirahan Manufacturing Systems June 5, 2013 Summer II, 2013

Title: Processing research and development of 'green' polymer nanoclay composites containing a polyhydroxybutyrate, vinyl acetates, and modified montmorillonite clay

Tad Foster, Chair; Ji-Yao Shen; Jim Smallwood, Ping Liu, Sudershan Jetley

97. Eli Kofi Aba Quality Systems June 12, 2013 Summer II, 2013

Impact of ISO 9001 Certification on United States Firms' Financial Performance

M. Affan Badar, Chair; Michael Hayden Co-Chair; Marion Schafer; Eurico Ferreira, Special Purpose Faculty

98. Blake Wentz Construction Management June 28, 2013 Summer II, 2013

Life Stressors of Mechanical Contracting Supervisory Personnel

Lee Ellingson, Chair; Brad Sims; David Batie

99. Richard Miller Construction Management March, 2012 Fall, 2013

Environmental Value Engineering (EVE): An Analysis of Environmental Impact of Manufactured and Site-Built Components

Wil Roudebush, Chair; George Maughan; David Beach; David Batie; Cindy Crowder

100. Mark Angolia Manufacturing Systems May 6, 2013 Fall, 2013

Technology's Impact on Wholesale Distribution Branch Operations

Merwan Mehta, Chair; M. Affan Badar; Robert Chin

101. James Taylor Quality Systems April 10, 2014 Summer II 2014

Development of an Optimal Lean Six Sigma Model

John W. Sinn, Chair; M. Affan Badar; Jeffrey Ulmer

102. Eric Friesel Manufacturing Systems May 06, 2014 Summer II 2014

Assessing Competitive Manufacturing Value of Modular System Design in Uncertain and Rapidly-Changing Complex Technology Product Industries: A Telecommunication Scenario

Ronald Woolsey, Chair; Suhansa Rodchua; Ali Mehran Shahhosseini

103. Osileke Osipitan Construction Management May 09, 2014 Summer II 2014

A Comparative Study of the Impact of Project Delivery Methods Used on Public Highway-Raid Intersection Projects in New York State

Musibau Shofoluwe, Chair; Richard Baker; Frank Yeboah

104. Joseph Raiola Construction Management May 16 2014 Summer II 2014

Assessment of Future Employment and Competency Skills in Building Information Modeling: A Delphi Study

Musibau Shofoluwe, Chair; Tad Foster; David Batic

105. Scott Arias Construction Management August 4, 2014 Fall 2014

Engineer Manual 385, Effectiveness: A Study of Predictive Analytics

Karl Burgher, Chair -- ISU; George Maughan -- ISU; Robert English – ISU

106. John Pickard Digital Communication Systems October 6, 2014 Fall 2014

Analysis of IPV6 Readiness of End-User Enterprises in the North Carolina Eastern Region

Te-Shun Chou -- ECU, Chair; Philip Lunsford -- ECU; Gerald Cockrell – ISU

107. Joseph Threadcraft Construction Management October 17, 2014 Fall 2014

An Environmental Value Engineering (EVE) Energy Analysis Rubric to Compare High-Speed Passenger Rail and Interstate Passenger Car Transportation Alternatives through a Fixed Distance

Wil Roudebush, Chair -- BGSU; Alan Atalah -- BGSU; George Maughan – ISU

108. Jimmy Bill Linn Manufacturing Systems October 17, 2014 Fall 2014

Analytical Modeling and Feasibility Study for Adoption of Renewable Energy Sources in a Single Family Dwelling

Tarek Abdel-Salam, Chair -- ECU; Merwan Mehta -- ECU, David Beach -- ISU

109. Dominique Winston Sealy Manufacturing Systems October 23, 2014 Fall 2014

The Effects of Wall Thickness and Raster Resolution on the Diametric Accuracy, Cylindricity and Concentricity of Fused Deposition Modeled Sacrificial Patterns

Marion Schafer, Chair -- ISU; Tad Foster -- ISU; Mehran Shahhosseini – ISU

110. Debra Landry Folse Digital Communication Systems October 24, 2014 Fall 2014

A Case Study of Information System Security Compliance of Small Medical and Dental Practices

Gerald Cockrell, Chair -- ISU; David Beach -- ISU; Elaine Seeman – ECU

111. Christopher Bell Manufacturing Systems February 6, 2015 Spring 2015

A Generic Organizational Strategy Integration Impacts on Profit Margin Ratio and Inventory Turnover in Publicly traded Oklahoma Manufacturing Organizations

W. Tad Foster, Chair – ISU; Robert Chin – ISU; Elaine Seeman -- ECU

112. Sharon M. Rouse	Manufacturing Systems	February 20, 2015	Spring 2015
Investigating the Significance of Zero Positional Tolerance at Maximum Material Condition			
Robert A. Chin, Chair; M Affan Badar; Todd C. Waggoner			
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113. William Barge	Digital Communication	March 5, 2015	Spring 2015
A Model of Packet Loss Caused by Interference Between the Bluetooth Low Energy Component of an iOS Wearable Body Area Network and Residential Microwave Ovens			
Te-Shun Chou, Chair; Erol Ozan; Yuetong Lin			
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114. Sherman Jeff Cold	Digital Communication	March 27, 2015	Spring 2015
Determining the Influence of the Network Tim Protocol (NTP) on the Domain Name Service Security Extension (DNSSEC) Protocol			
George Maughan, Chair; T. J. Mohammed; David Border			
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115. Sam Limo	Digital Communication	March 30, 2015	Spring 2015
Investigating the Determinants of Organizational Intention to Use Push to Talk Over Cellular Technology and Related Innovations			
George Maughan, Chair – ISU; David Beach – ISU; Mehran Shahhosseini -- ISU			
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116. Petulia Blake	HRD & Industrial Training	July 16, 2014	Summer 2015
Impact of Corporate Sustainability Behavior on Financial Performance in Aerospace Companies			
W. Tad Foster – Chair – ISU; Bassou El Mansour – ISU; Kathryn Hoff			
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117. Matthew P Carter	Manufacturing Systems	June 17, 2015	Summer 2015
Creation and Validation of a Best Practices New Product Development Process Assessment Tool for Industrial Practitioners			
Merwan Mehta, Chair – ECU; Todd C. Waggoner – BGSU; W. Tad Foster -- ISU			
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118. Joseph Rudy Ottway	Manufacturing Systems	June 26, 2015	Summer 2015
Deviation Comparisons of 3-D Printed Features Produced from Material Extrusion			
James Smallwood, Chair – ISU; Todd Waggoner – BGSU; John Sinn -- BGSU			

119. Armen Ilikechyan	Quality Systems	June 16, 2015	Fall 2015
A Model for Assessing and Improving Quality Textual Data from Product Related Discussion Forums			
John Sinn, Chair – BGSU; Ronald Woolsey—UCM; M. Affan Badar – ISU; Venu Dasigi -- BGSU			

120. Michael G. Carper	Manufacturing Systems	October 19, 2015	Fall 2015
Understanding the Intentions to Use PC Asset Management Tools among Technology Leaders Using the Technology Acceptance Model			
Patrick Appiah-Kubi, Chair; Gerald Cockrell; Charles Coddington			

121. Michael E. Odigie	Quality Systems	October 21, 2015	Fall 2015
A Study on the Integration of Quality and Safety Management Systems in Small to Medium Size Companies in the USA			
M. Affan Badar, Chair; John W. Sinn; Mehran Shahhosseini; Farman Moayed			

122. Angel Estrada	Quality Systems	August 28, 2015	Fall 2015
A Model Process to Control Quality Attributes of a Medical Device using Process Parameters			
John Sinn, Chair – BGSU; M. Affan Badar – ISU; Jeff M. Ulmer --UCM			

123. Marcia Combs	Digital Communication	August 4, 2015	Fall 2015
The Effect of Layering Perimeter Defenses on Adversarial Behavior within an Industrial Control System			
Gerald Cockrell, Chair – ISU; Te-Shun Chou – ECU; David Beach -- ISU			

124. Arezou Harraf	HRD & IT	August 18, 2015	Fall 2015
The Relationship of Diversity and Performance in the 100 Best Companies to Work for in the United States			
W. Tad Foster, Chair; Phillip Cochrane; Barbara Eversole; Alina Waite			

125. Jeffrey Guinot	Quality Systems	September 3, 2015	Fall 2015
Failure Mode and Effects Analysis as a Mechanism for Assessing the Cost Consequence of a Failure			
John Sinn, Chair; M. Affan Badar; Jeffrey Ulmer			

126. John B. Southworth	Digital Communication	February 16, 2016	Spring 2016
An Empirical Analysis of the Relationship between IPv6 Readiness, IPv6 Enablement, and IPv6 Effectiveness at Colleges and Universities in the United States			
W. Tad Foster, Chair; Phillip Cochrane; Barbara Eversole; Alina Waite			
127. James J Teeter II	Digital Communication	February 23, 2016	Spring 2016
A Comparison of Latency and Jitter on Open Flow and Ethernet Pipelines to Evaluate Software Defined Networking (SDN) Controllers for Disaster Recovery Exercises (DREs)			
Ronald Woolsey, Chair; Gerald Cockrell; Ronnie Rollins			
128. Patrick S. English	HRD & IT	March 7, 2016	Spring 2016
A Comparative Case Study of Online Learning and Bloom's Taxonomy			
W. Tad Foster, Chair; Barbara Eversole, Carroll Graham			
129. Cynthia Horta-Martinez	Manufacturing Systems	August 18, 2015	Spring 2016
A Study of the Relationship of Select Measures of Success on the Technology Readiness Index Score for Small Manufacturing Organizations in the Mexico City Metropolitan Area			
Ronald C. Woolsey, Chair; David P. Beach; John R. Sutton			
130. Glenn Graham	Construction Management	June 13, 2016	Summer 2016
Factors Influencing and Risk Associated With the Use of Drones by Specialty Construction			
David L Batie, Chair; Robert Pyle; Troy Allen			
131. Simon Asinor Adamtey	Construction Management	June 3, 2016	Summer 2016
Replacement of Corrugated Metal Pipe Culverts Using Pipe Bursting			
Alan Atalah, Chair; Wilfred H. Roudebush; David Beach			
132. Lameck Mairura Onsarigo	Construction Management	June 7, 2016	Summer 2016
A Comparative Case Study of Online Learning and Bloom's Taxonomy			
Alan Atalah, Chair; Wilfred H. Roudebush; Troy Allen			
133. Michael Dascanio	HRD & IT	September 20, 2016	Fall 2016
Cultural Competency in Game Based Three Dimensional Battlefield Simulations			
W. Tad Foster, Chair; Fei Gao; Patrick Appiah-Kubi			

134. Vincent Hanlon	Manufacturing Systems	October 16, 2016	Fall 2016
The Recovery of Cathode Metals from Spent Lithium-Ion Batteries, Recycling Economic and Breakeven Modeling Marion Schafer, Co-Chair; Alister McLeod, Co-Chair; Robert Chin			
135. Cormac Smith	Digital Communication	October 20, 2016	Fall 2016
Technology Forecasting for the Purpose of Predicting Employment Growth Rajeev Agrawal, Chair; Li-Shiang Tsay; Patrick Appiah-Kubi			
136. Curtis Wayne Bradford	Construction Management	March 20, 2017	Spring 2017
The Impact of the Systematic Incorporation of ASTM C 840 Standards on Gypsum Board Installation Ronald C. Woolsey, Chair; David McCandless; A. Mehran Shahhosseini			
137. Davit Freet	Digital Communication	March 3, 2017	Spring 2017
A Security Visualization Analysis Methodology for Improving Network Intrusion Detection Rajeev Agrawal, Co-Chair; Mahour Mellat-Parast, Co-Chair; Mehran Shahhosseini			
138. Monty Hilburn	Manufacturing Systems	March 8, 2017	Spring 2017
Model Development and Process Analysis for Lean Cellular Design Planning in Aerospace Assembly and Manufacturing Charles Coddington, Chair; Barry DuVall; Merwan Mehta; Marion Schafer			
139. Siham Lekchiri	HRD & IT	December 6, 2016	Spring 2017
Perceived Managerial and Leadership Behaviors within a Moroccan Higher Education Institution Barbara A.W. Eversole, Chair; Cindy L. Crowder; Phillip Cochrane; Robert G. Hamlin			
140. Anand Richard	Digital Communication	March 10, 2017	Spring 2017
A Split Protocol Application to Distributed Network Protocol 3 DNP3 Patrick Appiah-Kubi, Chair; Mehran Shahhosseini; Sri Kolla			
141. Grant Townsend	Manufacturing Systems	July 1, 2016	Spring 2017
A Study Using Plagiarism Detection Services to Assess the Effect of an APA Formatting and Plagiarism Training Lesson on the Quality of Student Originality Scores Ronald C. Woolsey, Chair; Troy Ollison; Mehran Shahhosseini			

142. Todd D. Koonts Digital Communication July 11, 2017 Summer 2017

The Impact of Evidence Drive I/O and Processing Cores in a Forensics Distributed Processing Array

Charles Lesko, Chair; Patrick Appiah-Kubi; David Batts

143. Jesse D. Kamm Construction Management July 2017 Summer 2017

A Study of Technological Change in the Construction Industry through Understanding the Importance of Innovation, Risk and Stakeholder Alignment in Construction Lending

Ronald C. Woolsey, Chair; David McCandless; Marion D. Schafer

144. Jim Townsend Manufacturing Systems March 27, 2017 Summer 2017

Effectiveness of Condition Monitoring Technologies on Reciprocating Compressor Reliability

M. Affan Badar, Chair; Randy Peters; Troy Ollison

145. Bruce Bader Quality Systems July 27, 2017 Fall 2017

Incorporating Lean Non-Value Added Variants into a Method of Determining Stakeholder Salience for First-Line Manager Decision Making

M. Affan Badar, Chair; Suhansa Rodchua; Alister McLeod

146. John Selvadurai Digital Communication July 19, 2017 Fall 2017

Distributed Computing in Internet of Things (IoT) Using Mobile Ad hoc Network (MANET): A Swarm Intelligence based Approach

Patrick Appiah-Kubi, Chair; Mehran Shahhosseini, Co-Chair; Xiaolong Li; Erol Ozan

147. Larry Wayne Brown Jr. Quality Systems September 18, 2017 Fall 2017

A Study of the Material Inspection Record and Quality Systems: A Case in the United States Department of the Navy

Suhansa Rodchua, Chair; M. Affan Badar; Douglas Koch

148. Mark Alexander HRD & IT October 9, 2017 Fall 2017

Key Performance Indicators of Part-time Employees Teaching Online

Cindy Crowder, Chair; David Beach; Li-Shiang Tsay

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A Study of the Factors Influencing Last Mile Residential

Charles Lesko, Chair; Patrick Appiah-Kubi; Mehran Shahhosseini

150. Perry Moler	HRD & IT	October 24, 2017	Fall 2017
The Perceptions of Change and Change Readiness in Junior and Senior Engineering and Technology Students			
Cindy Crowder, Chair; Mehran Shahhosseini; Hamid Fonooni			
151. Randolph B. Robertson	Manufacturing Systems	October 27, 2017	Fall 2017
The Effectiveness of Concurrent Design on the Cost and Schedule Performance of Defense Weapons System Acquisitions			
Mehran Shahhosseini, Chair; Alister McLeod; Charles Coddington			
152. Kishore Erukulapati	Quality Systems	October 21, 2017	Spring 2018
Development of a Quality Management Assessment Tool to Evaluate Software Using Software Quality Management Best Practices			
M. Affan Badar, Chair; Merwan B. Mehta; Jeff Ulmer			
153. Stephanie Bryant	Digital Communication Systems	February 23, 2018	Spring 2018
Assessment of Health Data Transformation Capabilities of Health Information Networks in Early Endorsers of a Nationwide Learning Health System			
Elaine Seeman, Chair; Mehran Shahhosseini; Gerald Cockrell			
154. Bryan Waineo	Manufacturing Systems	March 2, 2018	Spring 2018
Correlation of Input and Resulting Audit Measures for an Automotive Axle Shim Selection Process using a monte Carlo Simulation Assessment of Accuracy			
Sudershan Jetley, Chair; Mehran Shahhoseini; Christopher Kluse; Todd C. Waggoner			
155. Dana Troutman	Manufacturing Systems	March 9, 2018	Spring 2018
Integrating Digital Design Technologies and Lean Manufacturing to Meet Aerospace Organizational Needs and Improve Performance			
Marion Schafer, Chair; Mehran Shahhosseini; Jeff Ulmer			
156. Olufemi Awolusi	HRD & IT	April 18, 2018	Summer 2018
A Social Network Study of the Perception of Safety Communication and the Affect of Power in Multiteam Systems			
W. Tad Foster, Chair; Carroll M. Graham; Suhansa Rodchua			

157. Rebecca Schmeller HRD & IT May 22, 2018 Summer 2018

Strategy Simulation, Student Engagement, and Student Perceptions

W. Tad Foster, Chair; Vincent Childress; Carroll Graham

158. Ignatius Chukwu Construction Management December 15, 2018 Fall 2018

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Musibau Shofoluwe, Chair; Ahmed Mohamed; Andrea Ofori-Boadu

159. Andrew Gillam HRD & IT May 11, 2019 Spring 2019

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W. Tad Foster, Chair; Carroll M. Graham; Vincent W. Childress

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The Implementation of a Systematic Method for Identifying the Root Causes of Manufacturing Negative Process Yield in a North American Fastener Manufacturing Facility

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164. Brooke F. Banks	HRD & IT	December 14, 2019	Fall 2019
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W. Tad Foster, Chair; Vincent Childress; Alina Waite			
165. Melvin Hayes	Digital Communications	December 14, 2019	Fall 2019
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Mehran Shahhosseini, Chair; Tamer Omar; Jared Wuerzburger			
166. Harold “Leon” Seifers	Digital Communications	December 14, 2019	Fall 2019
Effectiveness of Campus Clarity by EVERFI’s Sexual Harassment Prevention Program on Victimization Rates			
William Clyburn, Chair; Jared Wuerzburger; Kristina Lawyer			
167. Charles “Grant” Short	Quality Systems	December 14, 2019	Fall 2019
Comparing Functions, Costs and Rewards of Quality Engineers and Six Sigma Black Belts			
M. Affan Badar, Chair; Marion Schafer; Christopher Kluse			
168. Matthew Houseworth	HRD & IT	May 16, 2020	Spring 2020
Institutionalizing Lean Six Sigma Principles to Promote the Development of a Learning Organization in the Automotive Collision Industry			
Cindy Crowder, Chair; Bassou El Mansour; Mehran Shahhosseini			
169. Joseph Long	Manufacturing Systems	May 16, 2020	Spring 2020
The Effects of Bioinspired Infill Designs and Density on the Compressive Strength of Parts Produced by Additive Manufacturing by Fused Deposition Modeling			
Jeffrey M. Ulmer, Chair; Troy E. Ollison; Mehran Shahhosseini			
170. Heather McCain	Quality Systems	May 16, 2020	Spring 2020
A Study of Quality Requirement Conveyance for Assignments in Technology and Engineering Master’s Degree Programs			
Suhansa Rodchua, Chair; Ronnie Rollins; M. Affan Badar			
171. Lawrence Andrew Miller	Construction Management	May 16, 2020	Spring 2020
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172. Frederick Rich Quality Systems May 16, 2020 Spring 2020

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Mehran Shahhosseini, Chair; M. Affan Badar; Christopher Kluse

173. Anuradha Rangarajan Digital Communications August 4, 2020 Sum 2020

Technology Attributes, Organizational Learning Attributes, Service Attributes, and Electronic Health Record Implementation Success

David Batts, Chair; David Beach; Erol Ozan

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Modeling Construction Management Dynamics: A Proxy Estimation for Percent Planned Complete

Carroll M Graham, Chair; Andrew Payne; Andrea Ofori-Boadu

175. Ronald Schoff HRD & IT August 4, 2020 Sum 2020

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