

**PhD IN TECHNOLOGY MANAGEMENT GRADUATES AND ANTICIPATED  
GRADUATES THROUGH FALL 2017**

	<b>Specialization</b>	<b>Defense Date</b>	<b>Graduation Date</b>
<b>1. Lois Anderson</b>	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.			
<b>2. Alan Stolzer</b>	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			
<b>3. Cindy Stevens</b>	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			
<b>4. David Rosenthal</b>	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			
<b>5. Elaine Seeman</b>	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			
<b>6. Kevin Berisso</b>	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.			
<b>7. Jeffrey Rybak</b>	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			

**8. Sophia Scott**                      HRD and Industrial Training                      November 12, 2003                      Spring 2004

Measuring the Performance of Teams Formulated According to Problem Solving Style among Undergraduate Students

Ronald Woolsey, Chair; Anthony Gilberti, Kathryn Hoff, Jeff McNabb, John Sutton.

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**9. Gregory Arbuckle**                      Quality Systems                      November 13, 2003                      Spring 2004

A Comparative Study of the Profitability of Organizations before and After Obtaining ISO 9000 Certification as Compared to the S & P 500 Index

Michael Hayden, Chair; Jeff McNabb, Gordon Minty, Robert Nora, Robert Ohrenberg

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**10. Darren Olson**                      Quality Systems                      March 4, 2004                      Spring 2004

Assessment of Current Quality Management Practices

John Sinn, Chair; William James, Todd Waggoner, Ron Woolsey, Ming Zhou

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**11. Denise Gravitt**                      Construction Management                      October 11, 2004                      Fall 2004

The Development and Validation of a Bar Code Based Residential Construction Quality Inspection Procedure

Jack Landers, Chair; Doug Kruger, Constantine Ciesielski, James Fales, Bruce Dallman

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**12. Damon Holladay**                      Construction Management                      March 7, 2005                      Spring 2005

Reliability Analyses and Predictive Modeling: Voltage Regulators on Electric Systems

Bruce Dallman, Chair, Lee Ellingson, Jeff McNabb, Clifford Grigg, Douglas Kruger.

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**13. Aaron Goldsmith**                      Digital Communication                      May 24, 2005                      Fall 2005

A Study of the Applicability of the Theory of Inventive Problem Solving on Technology Management for an E-Business Call Center

Charles Coddington, Chair; David Beach, Kathryn Hoff, Sri Kolla, Philip J. Lunsford.

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**14. Suhansa Rodchua**                      Quality Systems                      July 19, 2005                      Summer 2005

Quality Costs and Enterprise Size in the Manufacturing Industry: A Survey of American Society for Quality (ASQ) Members

Ronald Woolsey, Chair, Gordon Minty, Robert Ohrenberg, John Sinn, Donna Trautman

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**15. Sheryl L. Shipley**                      HRD and Industrial Training                      August 16, 2005                      Fall 2005

Organizational Climate and Gender Perception Differences among Industrial Technology Faculty

Donna Trautman, Chair: Terry Herman, Mitchell Henke, John Sutton, Anthony Gilberti

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<b>16. Ugo Mgbike</b>	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			
<b>17. Dorothy Carole Yaw</b>	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.			
<b>18. Scott Fee</b>	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			
<b>19. Terry Bilke</b>	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			
<b>20. Dennis Dorward</b>	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			
<b>21. Yoqiu You</b>	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			
<b>22. James Keyes</b>	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			
<b>23. Errol Samuel</b>	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

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**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.

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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 Batie, Lee Ellingson, Lyman Hannah, Musibau Shofoluwe

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**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

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**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

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**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

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**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

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**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

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**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

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|---|-----------------------------|--------------------|----------------|
| <b>48. L. Greg Ohrn</b>   | 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  |                             |                    |                |
| <hr/>   |                             |                    |                |
| <b>49. Jingqing Xia</b>   | 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  |                             |                    |                |
| <hr/>   |                             |                    |                |
| <b>50. Samuel L. Rohr</b>   | 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  |                             |                    |                |
| <hr/>   |                             |                    |                |
| <b>51. Nicole Radziwill</b>   | 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   |                             |                    |                |
| <hr/>   |                             |                    |                |
| <b>52. Randy Hancock</b>  | 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   |                             |                    |                |
| <hr/>   |                             |                    |                |
| <b>53. Anthony Mutai</b>  | 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   |                             |                    |                |
| <hr/>   |                             |                    |                |
| <b>54. Kevin Dickenson</b>  | 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  |                             |                    |                |
| <hr/>   |                             |                    |                |
| <b>55. Leonard Pederson</b>   | 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   |                             |                    |                |
| <hr/>   |                             |                    |                |

<b>56. Greg Anderson</b>	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			
<b>57. Rafael Villegas</b>	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			
<b>58. Barbara Lach-Smith</b>	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			
<b>59. Diane Olson</b>	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			
<b>60. David Heiser</b>	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			
<b>61. William Smith</b>	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			
<b>62. Dawna Drum</b>	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			
<b>63. Mark Fenton</b>	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
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- 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
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- 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



John Sinn, Chair; Stephen Spangehl, M. Affan Badar, Suhansa Rodchua, Ronald Woolsey

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**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, Sri Kolla

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**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

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**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

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**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

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**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

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**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

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**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

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

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Defining Innovative Work Behavior in Greater Detail: An Inquiry Using Critical Incident Techniques

W. Tad Foster, Chair; David Beach; Kathryn Hoff

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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 Batie

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**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

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**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

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**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

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**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

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**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

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**110. Debra Landry Folsie** 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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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**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



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**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

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**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

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**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

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**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

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**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

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**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

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**132. Lameck Mairura Onsarigo**      Construction Management      June 7, 2016      Summer 2016

A Comparative Case Study of Online Learning and Bloom's Taxonomy

W. Tad Foster, Chair; Barbara Eversole, Carroll Graham

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<b>133. Michael Dascanio</b>	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			
<b>134. Vincent Hanlon</b>	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			
<b>135. Cormac Smith</b>	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			
<b>136. Curtis Wayne Bradford</b>	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			
<b>137. Davit Freet</b>	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			
<b>138. Monty Hilburn</b>	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			
<b>139. Siham Lekchiri</b>	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			
<b>140. Anand Richard</b>	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			
<b>141. Grant Townsend</b>	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

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**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

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**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

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**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

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**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

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**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

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**147. Kishore Erukulapati**                      Quality Systems                      October 21, 2017                      Fall 2017

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

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**148. 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

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**149. 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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**150. Michael Ramage**                      Digital Communication                                      September 14, 2017                                      Fall 2017

A Study of the Factors Influencing Last Mile Residential

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

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**151. 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

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**152. 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

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**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

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**154. Bryan Waiono**                                      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 Shahhosseini; Christopher Kluse; Todd C. Waggoner

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**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; Jeffrey Ulmer

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