

Christy L. Bozic

Curriculum Vitae

University of Colorado Boulder
Lockheed Martin Engineering Management Program
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EDUCATION

- 2014 Ph.D. Purdue University, Curriculum and Instruction
Dissertation Title: *The Effects of Case Study and Lecture Instructional Methods for Teaching and Learning Innovation Theory*
- 2001 M.B.A. Butler University, College of Business
- 1993 B.S. Purdue University, Industrial Engineering Technology and Supply Chain Management

ACADEMIC APPOINTMENTS

- 2015-2017 Scholar in Residence, Stephen Dunn Professor of Engineering Management, Associate Faculty Director of Undergraduate Education – University of Colorado Boulder, College of Engineering and Applied Science, Lockheed Martin Engineering Management Program
- 2014-2015 Visiting Assistant Professor – Purdue University, College of Technology, Technology Leadership and Innovation
- 2013-2014 Director of Workforce and STEM Education – Purdue University, College of Technology, Office of Engagement
- 2011-2013 Director of College of Technology at Lafayette – Purdue University College of Technology, Statewide Technology
- 2008-2012 Director of College of Technology at Kokomo – Purdue University College of Technology, Statewide Technology
- 2006-2008 Manager of Business Innovation - Purdue University Technical Assistance Program, Office of Engagement

PROFESSIONAL EMPLOYMENT

- 2003-2006 Global Business Development Manager – Kimball Electronics Group
- 1999-2003 Global Account Manager – TDK Corporation of America
- 1995-1999 Sales Engineer – Federal Mogul, Automotive Division
- 1994-1995 Sales Engineer – Taylor Newcomb Engineering
- 1993-1994 Inside Sales Representative – Neff Engineering

PUBLICATIONS

Refereed Journal Articles

- Yadav, A., Bozic, C., Gretter, S., & Nauman, E. (2015). Benefits of implementing case-based instruction in a mechanical engineering course: A student perspective. *International Journal of Engineering Education*, 31(6).
- Bozic, C., & Dunlap, D. (2013). The role of innovation education in student learning, economic development, and university engagement. *Journal of Technology Studies*, 39(2).
- Handy, R., Whitt, M., Boregowda, S., Kraebber, H., and Bozic, C. (2008). The development of a green manufacturing skills/specialist certificate program. *Manufacturing Engineering*, 140 (6).

Refereed Conference Proceedings

- Bozic C., & Hartman, N. (2014). *Case-based instruction for innovation education in engineering*. American Society for Engineering Education Annual Conference and Exposition (ASEE) Indianapolis, IN.
- Bozic, C., & Dunlap, D. (2013). *Made for Indiana - Engineering technology success across the state - Lessons learned*. American Society for Engineering Education: Conference for Industry and Education Collaboration (ASEE/CIEC) Mesa, AZ.

Conference Presentations

- Bozic, C. (2010). *Accelerated degree for displaced automotive workers at Purdue University Kokomo*. Poster presented at National Outreach Scholarship Conference, Raleigh, NC.
- Bozic, C., Parker, H., & Helmlinger Ratcliff, T., (2007) *MEP and Regional Economic Development Strategies*. Growth through Innovation – Manufacturing Extension Partnership Conference, Orlando, FL.
- Bozic, C., & Ross, J., (2007) *Best practices for technology transfer*. Innovations Conference, Kansas City, MO.
- Bozic, C., (2007) *Public/Private partnerships for R&D, tech transfer and commercialization*. Department of Labor WIRED Conference, Seattle, WA.
- Bozic, C., & Morrison, E.,(2007) *EPA and the clean energy community of practice* Department of Labor WIRED Conference. Seattle, WA.

AWARDS & HONORS

- 2013 Paul T. Hiser Exemplary Publication Award, *Journal of Technology Studies* for “The Role of Innovation Education in Student Learning, Economic Development, and University Engagement”
- 2012 Purdue University Leadership Development Program - *Development of advanced energy concentration for engineering technology*.
- 2011 Purdue University Leadership Development Program - *Engineering technology pathway*.
- 2010 Purdue University Leadership Development Program - *Development of renewable energy learning laboratory*.

GRANTS AND FELLOWSHIPS

- 2014 Purdue Polytechnic Institute - Faculty Fellow
- 2009 Reaching Higher: Advanced Energy Laboratory Development, City of Kokomo, \$2,000, Principal Investigator.
- 2009 Advanced Energy Competencies for ECET, Department of Labor, \$100,000.
- 2008 Nano-Structured Coatings for Cutting Tools, Department of Labor, \$218,946.
- 2008 Development of Green Manufacturing Certification Program, Department of Labor, \$547,649.
- 2008 Energy Efficiency Practitioner Program, Department of Labor, \$378,846.
- 2008 Innovations in Top Line Growth, Department of Labor, \$414,247.
- 2008 Agri-business Supply Chain Opportunity Analysis, Department of Labor, \$116,247.

INVITED TALKS / LECTURES

- 2014 “Indiana Next Generation Manufacturing Competitiveness Center”, Invited Speaker, Purdue Leadership Development Program, West Lafayette, IN.
- 2013 “IN-MaC Center Collaborations”, Invited Speaker, CONEXUS Indiana Automotive Group Conference, Indianapolis, IN.
- 2013 “Disruptive Innovation” Purdue University
Electrical and Computer Engineering Technology Senior Design
Monetary Analysis for Engineering Decisions
Technology and the Individual
- 2013 “Microsoft: Is the Creative Spark Burning out?” Purdue University
Six Sigma Quality, Mechanical Engineering Technology Senior Design, Introduction to Digital System Design, Mechanical Design
- 1997 “Sales Engineering for Industrial Technology Graduates” Purdue University
Industrial Sales and Sales Management

TEACHING EXPERIENCE

- Foundations of Engineering Management (2015) University of Colorado Boulder
- Business Methods and Economics for Engineers (2015) University of Colorado Boulder
- Introduction to Entrepreneurship and Innovation (2012) Purdue University
- Engineering Economic Analysis (2011) Purdue University

UNIVERSITY SERVICE

- Engineering Management Undergraduate Curriculum Committee Chair, University of Colorado Boulder, 2015 - current
- College of Technology Deans Administrative Council, Purdue University, 2010 - 2014
- Statewide Budget Advisory Task Force, Purdue University, College of Technology, 2013
- Strategic Plan Launch Team, Purdue University, College of Technology, 2009 – 2011, Co-chair
- Indiana University Kokomo Administrative Council, 2008 – 2012

EXTERNAL ENGAGEMENT AND COMMUNITY INVOLVEMENT

- 2014 OrthoWorx University/Industry Advisory Board
- 2013 Lafayette-West Lafayette Economic Development Corporation, Education Committee
- 2012 Indiana Automotive Industry Council, Member
- 2012 Indiana Aerospace and Defense Group, Member
- 2012 Kokomo High School CTE Center, Advisory Board Member
- 2011 Greater Kokomo Economic Development Alliance, Brainpower Committee Chair
- 2011 Titan New Tech High School, Advisory Board Member
- 2009 Rotary International, Member
- 2009 Partners in Education Kokomo, Member
- 2001 Butler Alumni Association, Lifetime Member
- 1993 Purdue Alumni Association, Lifetime Member

PROFESSIONAL AFFILIATIONS

- ASEE - American Society of Engineering Education - 2011
 - Engineering Management, Division Secretary 2014-2015, Division Treasurer 2015-2016
 - Divisions – Engineering Management, Engineering Technology, Entrepreneurship and Engineering Innovation, Women in Engineering
- ASEM – American Society for Engineering Management, 2014
 - Southwest Regional Director – 2015 - present
- APICS – The Association for Operations Management, 2012
- APA - American Psychological Association, 2012