

# Andrea M. Prud'homme, Ph.D., CPIM-F CLTD CSCP CTSC CIRM

## EDUCATION

Ph.D., Logistics, Michigan State University

- Secondary area: Operations Management, additional course work in International Business
- Dissertation Topic: "*Business Continuity in the Supply Chain: Planning for disruptive events*"  
Committee: Kenneth Boyer and David Closs (co-chairs), George Zsidisin and Roger Calantone

Master of Business Administration, Colorado State University

- Areas of emphasis: Operations Management and Quality Improvement

Bachelor of Science in Business Administration, San Diego State University

- Major in Production and Operations Management, minor in Cultural Anthropology

## ACADEMIC EMPLOYMENT

University of Tennessee, Haslam College of Business (2024 to present)

- Professor – Clinical, Dept. of Supply Chain Management
- Director Undergraduate Program in Supply Chain Management (2024 to present)

The Ohio State University, Fisher College of Business (2007 to 2023)

- Associate Dean Undergraduate Programs and Students (2019 to 2023)
- Associate Professor - Clinical, Dept. of Operations and Business Analytics (formerly Mgt Sci) (2017 to present)
- Assistant Professor - Clinical, Dept. of Management Sciences (2007 to 2017)
- Assistant Director, Center for Operational Excellence (2007 to 2019)
- Academic Director, Executive Education, Textron Materials Excellence Program (2013 to present)
- Faculty Director of Manufacturing Industry Immersion (formerly Cluster) (2013 to 2020)
- Director of Honors Cohort (2012-2013), Honors Contract (2018-2021)

Michigan State University, Broad College of Business (2003 to 2007)

- Teaching/Research Assistant, Department of Marketing & Supply Chain Management

Colorado State University (1998 to 2003)

- Adjunct faculty, Department of Management (1998-2003)
- Internship Coordinator for Management Students (2001-2003)

## AWARDS and Honors at OSU

- Student Organization Advisor of the Year, 2016-17  
Fisher College of Business, based upon student nomination and Undergraduate Business Council selection.
- Career Services Award, 2013  
**University wide award** given by University Career Services for outstanding assistance to students in the areas of career development and employment search. One award is given per year; all university faculty and staff are eligible for nomination.
- Undergraduate Teaching Award, 2012  
Fisher College of Business based upon student nomination, one awarded per year from ~ 140 eligible faculty.
- Undergraduate Service Award, 2011, 2017  
Fisher College of Business based upon student nomination, one awarded per year from ~140 eligible faculty.
- Outstanding Student Organization Advisor Award, 2009  
**University wide award** given by Office of Student Life for outstanding advising to an OSU student organization. Given to 5 selected advisors from over 1,000 student organizations, based upon student nomination.

## AWARDS and HONORS PRIOR TO OSU

- Grant Recipient of \$12,000 (2007), Institute for Supply Management (ISM) Doctoral Dissertation Grant in Supply Management
- Grant Recipient of \$5,000 (2007), Michigan State University Doctoral Dissertation Grant

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- Selected Participant (2006), 12<sup>th</sup> Annual International Federation of Purchasing and Supply Management (IFPSM) Summer School on Advanced Purchasing Research, Salzburg, Austria.
- Scholarship Recipient of \$2,500 (2006), from the Institute of Supply Management (ISM) to attend IFPSM Summer School. Only two scholarships awarded.
- Selected Participant (2005), Decision Sciences Institute Doctoral Consortium, San Francisco, CA
- Best Student Paper (2005) of the Operations Management Division at the Academy of Management annual meeting, Honolulu, HI
- Scholarship Recipient of \$1,000 (2005), from the Last Mile Supply Chain Center to attend and present paper at the Academy of Management annual meeting, Honolulu, HI
- Scholarship Recipient of \$750 (2005), from CAPS: Center for Strategic Supply Research to attend the 16<sup>th</sup> Annual North American Research and Teaching Symposium, Tempe, AZ
- Selected Participant and Scholarship Recipient of \$400 (2004), for the Academy of Management annual meeting Doctoral Consortium, New Orleans, LA

## **TEACHING**

**The Ohio State University** Fisher College of Business, 2007 to present

### **EXECUTIVE EDUCATION** (~595 students to date)

Academic Director 2013 to present, instructional faculty 2007 to present; "Materials Excellence" customized Executive Education program for Textron, including creation and delivery of instructional material, facilitation of hands-on simulation exercise, and advising participants on projects..

Builders Exchange Rising Leaders Institute (2008, 2009) In-class discussion and advised student's group projects.

### **GRADUATE** (7 unique course preparations, ~150 students)

Strategic Global Sourcing (BM7233), fall 2016, 2017

- Master of Logistics and Engineering (MBLE) elective course, covering major decisions related to global sourcing and supplier management

i4 Brazil, (MBA808), winter 2012

- MBA course to learn about doing business in Brazil, includes supervising student projects with Brazilian companies and week-long trip in country with students.

Manufacturing Planning and Control (BM835), fall 2009, 2011

- MBA required course for operations management majors, covering detailed forecasting, material and capacity planning, and production control, includes ITEC simulation work.

Leading Operations (BM844), summer 2010

- MBOE (Master of Business Operational Excellence) required course, covered the establishment and accountability for key business metrics.

Six Sigma Principles (BM810), summer 2009

- MBA elective for operations management students. Blended course utilizing in class discussion and on-line Moresteam's Lean Six Sigma training at the Green Belt Level.

Creating and Managing Flow (BM845), summer 2009

- MBOE (Master of Business Operational Excellence) required course, covered detailed practices to implement pull systems and strategies when pull flow is not possible.

Operations Strategy (BM834), spring 2008

- MBA elective for operations management covered the use of well-defined strategies for decision making leading to improved financial performance.

### **UNDERGRADUATE** (16 unique preps, not including quarter to semester conversion, ~ 3,500 students)

International Operations Management (BOBA4237), fall 2022

- Undergraduate course covering international opportunities and issues in operations management.

Honors Contract Research Seminars (BA38090H, BA4899H), spring and fall, 2018-2021

- Undergraduate course guide honors undergrad student in perpetration of original thesis.

Industry Immersion International trip (BA2798), spring 2018, 2019, 2022, 2023

- Undergraduate course to prepare students and to take students on academic trip to Italy.

Manufacturing Industry Immersion (BA3630.4), fall 2013 to present, first of two courses as yearlong sequence.

- Undergraduate course for any business student interested in manufacturing. Involves significant coordination with multiple industry partners.

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Manufacturing Industry Immersion (BA3632.4), spring 2014 to present, second course with BA3630.4 above

- Undergraduate course for any business student interested in manufacturing. Involves significant coordination with multiple industry partners and supervision of semester long student projects.

Honors Introduction to Operations Management (BM3230H), fall 2012, 2013

- Honors version of undergraduate required introductory course for all business majors

Honors Leadership Seminar (BA3890H), fall 2012, spring 2013

- Honors Undergraduate course to explore and develop leadership skills, fall and spring series of classes

Undergraduate speaker series (BA2600), fall 2012, spring 2013

- Undergraduate elective course to expose students to business professionals from a variety of majors and organizational types. Involves significant coordination with over a dozen guest speakers each term.

Operations Planning & Control (BM732/4232), 2007 to present

- Undergraduate required course for operations management majors, covering detailed forecasting, material and capacity planning, and production control. Includes simulation work.

Operations in Action (BA494/BM2322/BM4193), spring 2011, 2012, 2013

- Undergraduate course to educate women about operations management involving Introduction to the basic body of knowledge and multiple tours of local firms. Students paired with an industry professional as a mentor.

Quality Management (BM731D), spring 2009-2012 via blended learning to four regional campuses simultaneously

- Undergraduate required course for general business major on four regional campuses
- Blended course conducted using *Moresteam's* on-line Yellow Belt training and traditional quality topics

Quality Management (BM731), spring 2008

- Undergraduate required course for general business major

Introduction to Operations Management (BM630/BM3230), 2007 to present

- Undergraduate required introductory course for all business majors
- Also served a course coordinator of 6-8 sections per quarter, 2007-2011, serving ~1,200 students per year,

Introduction to Operations Management (BM630D), fall 2007-2011

- Undergraduate required course taught via blended learning to four regional campus simultaneously

Introduction to Operations Management in Business Minor (BM430), fall 2009, 2010

- Undergraduate required introductory course for all business minors (non-business majors)

Emerging Markets Field Study (BA698), fall 2009, 2010

- Undergraduate elective course about business and culture in Panama, including week long trip in country

Operations Planning & Control (BM732D), spring 2008

- Undergraduate required course for operations management majors, covering detailed forecasting, material and capacity planning, and production control via blended learning to four regional campuses simultaneously

**Michigan State University** Eli Broad College of Business, Department of Marketing & Supply Chain Management, PhD student and instructor, (2003 to 2007)

#### **EXECUTIVE EDUCATION**

Masco Corporation Leadership Program in Operations Management, 2003 to 2012

- Executive development program exclusively for Masco employees
- Advisor for student projects

#### **GRADUATE**

Manufacturing Design and Analysis (MSC826), spring 2004

- MBA required course, covered designing and monitoring of operations processes.

#### **UNDERGRADUATE**

Supply Chain Management (MSC303 & 305), summers 2004, 2006

- Undergraduate required introductory course for all business majors

Procurement and Supply Management (MSC401), summer 2005

- Undergraduate required course for Supply Chain Management majors

**Colorado State University** Department of Management, Adjunct Instructor (1998 to 2003), 1998-2001 while full time employee of Hewlett-Packard

#### **EXECUTIVE AND GRADUATE EDUCATION**

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Supply Chain Management (BG650), fall 2000, 2002

- Executive MBA, part-time MBA, and on-line distance MBA core courses

### **UNDERGRADUATE**

Micro-issues in Supply Chain Management (BL471), multiple semesters 2000 to 2001

- Undergraduate upper division core course for operations management majors.

Production Fundamentals (BN301), multiple semesters and summers, 1998 to 2003

- Undergraduate introductory required core course for all business majors.

**Université Pierre-Mendès-France**, L'Ecole Supérieure des Affaires, Grenoble, France (2002, 2004)

### **GRADUATE**

Operations Management; January and November 2002, January 2004

- MBA required core course, covered basic operations management strategies and processes.

Supply Chain Management and Procurement; November 2002, January 2004

- MBA required core course, covered strategies for managing procurement processes and suppliers.

### **Other Teaching and Invited Presentations**

AACSB Redesigning the Curriculum Conference, Columbus, OH

- Invited guest speaker "Talent Development, Student Achievement and University Accreditation" (2017)

Center for Operational Excellence Annual Summit, Columbus, OH

- Invited guest speaker "Fundamentals of Sales and Operations Planning" (2017)
- Invited guest speaker "Introduction to Sales and Operations Planning" (2015)
- Invited guest speaker "Seeking a Buffer Against Uncertainty" (2014)
- Invited guest speaker "Managing Forecast Error" (2013)

APICS professional development meeting, Columbus, OH,

- Invited guest speaker "Managing risk using safety stock and cycle counting" (2014)
- Invited guest speaker "Managing Kanbans" (2012)

Keystone Foods Supply Chain Workshop, Exton, PA, (2011)

- Invited guest speaker "Supply Chain Management"

APICS review courses for certification, volunteer, multiple times, non-credit (2009-2011, 2016)

- Open only to OSU MBA and undergraduate students interested in studying for CPIM and CSCP certification

APICS

- Instructor for public courses offered by local APICS local chapter covering all courses included in the body of knowledge for CPIM (Certification in Production and Inventory Management) Exam Preparation (1996 - 2003)
- Instructor of company sponsored CSCP course (2016, 2019)
- Voted Instructor of the Year by Columbus Chapter (2019)

## **SERVICE**

### **SPECIAL PROGRAMS**

- Faculty Director Honors Contract (2018 to 2020)
- Faculty Director Manufacturing Immersion Program (2013 to 2019)
- Faculty Director Honors Cohort (2011-2012)

### **UNIVERSITY LEVEL**

- Chair Committee 'B' on Council of Academic Affairs (2022 – present)
  - Council member (2021 – present)
- Business Librarian Search Committee (2017-2018)
- Graduate Student Trustee Nomination Committee (2014)  
Member of committee to review applications, interview candidates and make recommendations to the Ohio Governor's office regarding students to serve on OSU Board of Trustees for two year term
- "Picnic with a Professor" (2015)  
Event to allow students to interact with and get to know a professor in a casual environment.

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- Office of International Affairs (OIA) and University Center for the Advancement of Teaching (UCAT) Faculty focus group (2014). Invited to provide faculty input on unique challenges encountered with and by international students
- Denman Undergraduate Research Forum Judge (2012, 2014, 2015)
- Faculty member of Second-year Transformational Experience Program - STEP (2013 - 2015)  
First of its kind, yearlong university wide program to provide closer engagement outside the classroom between students and faculty. Students are expected to source, plan and participate in an enrichment experience under the guidance of faculty and are awarded up to \$2000 to fund their experiential learning.
- "Go *Buckeye*" annually (2012 to present)  
University sponsored event to increase yield for high potential students admitted to OSU, but who have not yet accepted their admission. Provide potential students and their parents with a preview of what a class at Fisher could be like, and answer general questions about our college and the Operations Management major.
- Hayes Graduate Research Forum Judge (2011)
- "Academic Open House" (formally "Think *Buckeye*") multiple presentations each year (2011, 2013, 2014, 2015)  
Recruiting event sponsored by OSU Undergraduate Admission Office for students and parents considering applying to OSU. Provide potential students and their parents with a preview of what a class at Fisher could be like, and answer general questions about our college and Operations Management major.
- Ohio Union Outstanding Student Organization Advisor Selection Committee (2010)
- Young Scholars Program, OSU Office of Diversity and Inclusion as part of Samuel DuBois Summer Academy, invited presenter and/or session leader, summers (2008, 2009, 2011, 2012, 2014)  
A comprehensive pre-collegiate and collegiate program to enhance the academic, personal and career development of its Scholars, who are high-ability academically gifted first-generation students with financial need from nine of the largest urban school districts in Ohio expressing interest in business.

### **COLLEGE LEVEL**

- Chair Undergraduate Program Committee (2019-present)
- Chair Teaching Excellence Committee (2020-present)
- Member Committee to Assess Climate and Culture Survey (2017 – 2018)
- Member Dean's Undergraduate Core Committee (2016-present)
- To support AACSB Assurance of learning, implementing APICS Global Supply Chain Associate (GSCA) exam in BM4232: Planning and Control course. This allows students to begin working on professional certification before graduation.
- Member Dean's Undergraduate Program Committee (2015-2016)
- Pace Setter Selection Committee (2008 – 2011, 2015, 2016)
- Faculty Advisor to Buckeye Operations Management Society - BOMS (2008-present)  
Undergraduate student organization serving student interested in operations and supply chain management through career development, networking, and competitions.
- Member of Dean's Academic Integrity Committee (2013-2015)
- Undergraduate Leadership and Engagement Office Professional Development (2013, 2014, 2015)  
Led workshop for Freshman Honors/Scholars regarding the development and delivery of an 'elevator speech'
- Member of Search Committee for Director of Student Services (2011)
- Management of Dow Scholarship Selection Process (2009 to 2012)  
Undergraduate scholarship awarded annually to two students
- Biz Quiz Judge, weekend event (2008, 2009, 2011, 2013)

### **INVITED AND RECURRING PRESENTATIONS WITHIN COLLEGE**

- Future Women in Business Summit, summer 2017  
Event to encourage selected high-potential women high school students to select OSU for a business degree
- Freshman Orientation for incoming students, several times each summer (2010 to present)  
Presentation of general welcome and advice to incoming students and their parents
- Master of Business and Logistics Engineering (MBLE) incoming students, summers (2009-present)  
Provide information about APICS, including professional certification, and provide guidance to students seeking to study for and take CSCP and CPIM certification exams
- "Visit Fisher Day", multiple times each year (2012 to present)

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Provide potential students and their parents with a 'preview' of what a class at Fisher could be like, and answer general questions about our college and Operations Management major to increase yield for high potential students admitted to Fisher, but who have not yet accepted their admission.

- Invited panelist, Diversity Brown Bag, "Inclusion of International students in the classroom" (2012)
- Invited to give formal presentation to Undergrad Advising Office on Management Science's 6 sigma certification program and APICS certification (2012)
- MBA Red Carpet event to welcome/recruit MBA students, Saturday event (2010, 2011, 2012)
- Invited to give formal presentation to Undergraduate Advising Office about Operations management as a field of study and career choice, to facilitate the growth of the major (2010)
- MBA Season Premiere recruiting event (2009)
- Operations/Logistics MBA Boot-camp (2009)
- BA100H/1100H College of Business Survey course for honors students (2007, 2008, 2011, 2012) Guest speaker to explain operations management as major and career

### **ACADEMIC TRAVEL WITH STUDENTS**

- Industry Immersion Undergraduate class and trip (12-18 students) (spring 2018, 2019, 2022, 2023)  
Trip involved touring multiple manufacturing and service facilities and cultural excursions
- Kakahashi Undergraduate Business Student trip (22 students) (2017)  
Sponsored by Government of Japan to increase awareness of Japanese business
- Global Supply Chain Management program (18 students) with Wayne State University to Italy (2014)  
Trip involved touring 7 manufacturing facilities involved in the automobile industry and cultural excursions
- Industry Cluster Trip to Chicago (~80 students) (2014, 2015, 2016)  
Trip involved tours of manufacturing facilities, networking events, and social activities
- i4 MBA class (32 students) (2012)  
Trip during spring break to multiple cities in Brazil to meet with companies and present project work to sponsors.
- Emerging markets classes (~15 students each) (2009, 2010)  
Winter break trip to Panama to meet with companies and engage in cultural activities.
- Honors Cohort Service trip to Bahamas (~20 students) (2008, 2012)  
Winter Break trip to engage in community service, cultural and social activities.

### **CASE COMPETITION TRAVEL WITH STUDENTS**

Case competitions with undergraduate students (length of 1 - 3 overnights, all on weekends)

- Supply Chain Skills Challenge at Weber State University, Ogden, UT, 2019
- Wayne State/GM Case Competition, Detroit, MI, 2013, 2014, 2015, 2017, 2018, 2021
- APICS Great Lakes Region Case Competition, Chicago, IL, 2010, 2012
- APICS Mid-Atlantic Case Competition, Pittsburg, PA, 2011
- APICS Mid-Atlantic Case Competition, Toledo, OH, 2010
- Limitedbrands Case Competition, Oxford, OH, 2009

### **CASE COMPETITIONS AND OTHER EVENTS HOSTED AT FISHER COLLEGE OF BUSINESS**

- Hosted United Dairy Farmers (UDF) Supply Chain Case Completion, (Fri-Sat), 2016  
BOMS organized event included 4 universities participating and \$1500 in awards
- Hosted by Buckeye Operations Management Society (BOMS) for OSU and Pennsylvania State University students (Fri-Sat), 2015
- Hosted Dow Supply Chain Leadership Summit (Fri-Sat) 2013, 2014  
Dow sponsored and BOMS organized event to promote development of leadership skills in Operations Management students.
- Hosted Chrysler sponsored intercollegiate case competition (Fri-Sat) 2013, 2014  
BOMS organized event, which included 6-10 universities participating, and \$3,000 in awards each year
- Hosting Target sponsored case competition (Fri-Sat) 2011  
BOMS organized event, which included six teams and \$4000 in awards
- Hosting Limitedbrands intercollegiate case competition (Fri-Sat) 2010  
BOMS organized event which included eight universities participating and \$2000 in awards

### **OFFICE OF CAREER MANAGEMENT (OCM) AND STUDENT CAREER DEVELOPMENT**

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- Attend Marathon Petroleum Global Procurement Intern Presentations, Findlay, OH, 2014, 2016, 2018
- Attend meeting with OCM and Rockwell Automation to discuss recruitment strategy, 2014
- Attend recruiting event sponsored by Nestle (evening event), 2012
- Attend recruiting event sponsored by Marathon Petroleum (evening event), 2012
- Attend TLA career fair to network with potential employers, (evening event), 2011
- Attend informational session with OCM and American Greetings, 2011
- Lunch with Dow representatives and OCM, 2011
- Visit to Honeywell, Kansas City, MO, to promote Fisher College of Business, 2010
- Logistics Support University Outreach at CIA Headquarters, Washington, DC, 2008
- Attend Fisher College of Business career fair and internship fair to network with potential student employers and promote Fisher's Operations, Sourcing and Logistics programs, annually, fall and spring 2008 to present

### PROJECT ADVISING AND INDEPENDENT STUDY

- Faculty advisor for undergraduate theses within the Honors Contract Program (11 in 2018-2020, 10 currently)
- Supervised student projects within the Manufacturing Industry Immersion Program
  - Honda (2015, 2016, 2017, 2019, 2020)
  - Owens Corning (2014, 2015, 2016, 2017, 2018, 2019)
  - Alcoa/Arconic (2014, 2015, 2016, 2017)
  - GE Aviation (2014, 2015, 2016)
- Supervised volunteer student team in semester long project at Habitat for Humanity to improve operations, incoming material sorting, and 'store' appearance. (fall 2015, spring 2016)
- MS4193 Independent Study (1 credit), Charles Bramlage (spring 2014)
- Supervised volunteer student team in semester long project at University Dining Services PAD (Pizza and Delivery) to improve operations and quality, and reduce lead time. (spring 2014)
- Supervised volunteer student team in semester long study/project at the Mid-Ohio Foodbank to improve inventory management. (fall 2013)
- Supervised volunteer student team in yearlong study/project at The James Cancer Hospital to improve patient service. Dr. David Schilling assisted with modeling expertise. (2012-13)
- Undergraduate Honors Thesis Co-advisor (with Dr. Aravind Chandrasekaran) for Zack Lenox Thesis: *Mishandled Baggage Service Recovery: Winning the Satisfaction Game*. Placement: Ford Motor Company as Field Operations Zone Manager. (2011-2012)
- Supervised volunteer student team "Lost in Warehouse" project with Avon to improve warehouse functions and improve inventory tracking (spring 2011)
- Supervised volunteer student team at Exterior Portfolio to improve warehouse layout and functionality (fall 2011)
- MS493 Independent Undergraduate Study (1 credit), Adam Schwieterman (spring 2009)
- MS731 Independent Undergraduate Study (4 credits), Joseph Arnold (spring 2008)
- MS834 Independent Graduate Study (4 credits), Bjorn Reichenbaugh (fall 2007)

### EVENT ATTENDANCE

- Fisher Convocation for incoming freshmen, Sunday evening (2013, 2014, 2015, 2017, 2018, 2019)
- Invited by Esther Colete Alsina to attend Field Hockey Faculty Appreciation Game (2019)
- Invited by Shane Miszkziel to attend annual Student Athlete Faculty & Staff Appreciation dinner (2014)
- Fisher Direct Student Welcome event, Sunday evening (2014)
- Fisher Undergraduate Graduation Celebration (2014, 2019)
- Escorted Executive Education class for Aggreko to Off-campus social event, evenings (2011, 2013)
- Fisher Undergraduate Charity Ball, evening event (2011)
- Fisher Alumni Awards Dinner, evening event (2010)
- "Fisher Frenzy" to promote undergraduate student organizations (annually, 2010-present)
- "Specialization Spectacular" for undergraduate students exploring business majors (annually, 2010-present)
- Dean's Advisory Dinner, evening event (2010)
- Pace Setters Awards Ceremony (annually 2009-present)
- UBC Faculty/Staff/Student mixer, evening event (annually, 2009-present)

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- TLA Awards Banquet and end of year celebration, evening event (2009)

### **DEPARTMENT LEVEL**

- Undergraduate curriculum committee, (2007-2018), Chair (2018-2019)
- Creation of AACSB Assurance of Learning Competency Exam for Operations Management students, (2008)
- Coordination of BM630 Introduction to Operations Management across all sections (approximately 300-350 students per quarter) , including course materials, exam creation, and miscellaneous administration, (2007-2012)

### **PROFESSIONAL**

- Chair ASCM Part 2: Certified in Production and Inventory Management (CPIM) Exam Committee (2016 – present)
- Member ASCM Academic Committee (2021 to present)
- APICS International Case Competition Judge (2017, 2018)
- Member APICS Assurance of Learning Committee, (2015 – 2016 disbanded).  
Working to bring APICS exam into university to engage students in seeking APICS CPIM certification and allowing universities to fulfill AACSB Assurance of learning objectives
- Member APICS Academic Committee. (2015 to 2017 disbanded)  
Working to strengthen student engagement and form tighter ties to students and academic community.
- Member APICS Certified in Production and Inventory Management (CPIM) Exam Committee for Detailed Scheduling and Planning (DSP), (2013 – 2016)
- Member APICS Foundation Knowledge Delivery Committee, (2013 – 2015)
- Invited expert to oversee and provide guidance on case competitions for APICS
  - Terra Grande District, Houston, TX (2015)
  - Mid-Atlantic District, Pittsburg, PA, (2015)
  - Heartland District, Des Moines, IA (2014)
- Member APICS Certified Supply Chain Professional (CSCP) Certification Exam Committee, (2008-2013)
- APICS Columbus Chapter Board of Directors Academic Liaison, (2007-present)
- Management of Association of Manufacturing Excellence (AME) Scholarship program allowing students to attend annual conference, (2008-2011)

### **OTHER ACADEMIC SERVICE**

- Reviewer for DSI Annual Meeting Case Study Competition, 2016
- Reviewer for *Journal of Operations Management* (JOM) (2006-2009)
- Reviewer for *Journal of Supply Chain Management* (JSCM) (2006-2009)
- Reviewer for *International Journal of Operations and Production Management* (IJOPM) (2006-2009)
- Session chair and reviewer, DSI Annual Meeting, San Antonio, TX (2006)
- Session chair and reviewer, Session chair, POMS Annual Meeting, Boston, MA (2006)
- Session chair and reviewer, Session chair, Academy of Management Annual Meeting, Honolulu, HI (2005)
- Assistant to Area Editor of *Production and Operations Management Journal*, 2003 to 2006

### **GRANTS and FUNDING**

For the Manufacturing Cluster as part of the Undergraduate Industry Cluster Program

- 2016-19: \$10,000 per year for 3 years signed pledge from Honda
- 2016-17: \$26,000 Alcoa
- 2015-16: \$41,000 total consisting of \$26k Alcoa, \$10k Honda, \$5k GE Aviation
- 2014-15: \$41,000 total consisting of \$26k Alcoa, \$10k Honda, \$5k GE Aviation
- 2013-14: \$41,000 total consisting of \$26k Alcoa, \$10k Honda, \$5k Owens Corning
- 2012-13: \$1,500 from Chrysler to support students taking APICS CPIM Exams

### **PROFESSIONAL CERTIFICATION and CERTIFICATES**

Through APICS: The Association for Operations Management

- Certified in Logistics, Transportation and Distribution (CLTD), December 2016, certification is current
- Certified Fellow in Production and Inventory Management (CFPIM), December 2014, certification is current
- Certified Supply Chain Professional (CSCP), June 2008, certification is current
- Certified in Integrated Resource Management (CIRM), 1994, lifetime certification



- Certified in Production and Inventory Management (CPIM) 1990 to 2014, elevated to CFPIM
- Sales and Operations Planning (S&OP) certificate earned October 2014
- Learning Dynamics for Instructors (LDI), certificate earned May 2015
- Train the Trainer (TTT) certificate earned 2013

## **ASSOCIATION MEMBERSHIP**

- Academy of Management, member since 2003
- Decision Sciences Institute (DSI), member since 2004
- Production and Operations Management Society (POMS), member since 2004
- Council of Supply Chain Management Professionals (CSCMP), member since 2005
- Institute for Supply Management (ISM), member since 2004
- ASCM Association for Supply Chain Management, member since 1987. Chapter Board of Directors: San Diego, CA (1990-94); Fort Collins, CO (1995-2003); Columbus, OH (2007-present)

## **RESEARCH PUBLISHED and IN WORKS**

- Prud'homme, Andrea M.; J. V. Gray, A. C. Barley (2020) "Emerging Technologies in Supply Management", in Thomas Choi, Julie Juan Li, Dale Rogers, Tobias Schoendherr, and Stephan Wagner (eds) *The Oxford Handbook of Supply Chain Management*, Oxford University Press
- Gray, John V., A. M. Prud'homme, A.C. Barley (2019) "Emerging Technologies in Supply Management", sponsored research for CAPS Research –ISM Institute, <https://www.capsresearch.org/research/>
- Boyer, K. K., A. M. Prud'homme, W-M. Chung (2009), "The Last Mile Challenge: Evaluating the Effects of Customer Density and Delivery Window Patterns", *Journal of Business Logistics*, Vol. 30, No. 1. (20 citations)
- Prud'homme, A. M., K. K. Boyer and G. T. M. Hult (2007), "An analysis of operations-oriented drivers of customer loyalty for two service channels," in *Direct Marketing: An International Journal*, Vol. 1, Iss. 2, pp 78-101.
- G. Tomas M. Hult, David J. Ketchen, Anna Shaojie Cui, Andrea M. Prud'homme, Steven H. Seggie, Michael A. Stanko, Alex Shichun Xu, S. Tamer Cavusgil (2006), "An Assessment of the Use of Structural Equation Modeling in International Business Research", in David J. Ketchen, Donald D. Bergh (ed.) *Research Methodology in Strategy and Management (Research Methodology in Strategy and Management, Volume 3)* Emerald Group Publishing Limited, pp.385 - 415
- Prud'homme, A. M. and K. K. Boyer (2005) "A Comparison of In-store vs. Online Grocery Customers," invited in *Grocery E-commerce: Consumer Behaviour and Business Strategies*, by Niels Kornum and Mogens Bjerre (eds.), Copenhagen Business School, Denmark, Chapter 5.
- Prud'homme, A.M. (Contributor), Report of the 2nd Annual *Research Frontiers in International Business Conference* (2004), edited by S. Deligonul, S.T. Cavusgil and T.Hult, MSU CIBER, East Lansing, MI.
- Boyer, K.K., J. Olson, A. McGee (2004), "Drivers of Internet Purchasing Success," *POMS Chronicle*, 11:1.

## **OTHER RESEARCH AND REPORTS**

- Boyer, K.K., Prud'homme, A. M. "2005 Home Delivered Groceries Survey Report on Findings and Insights". Study conducted and report written for Albertsons (May 2005)
- Boyer, K. K., G.T.M. Hult and A. McGee, "2004 Home Delivered Groceries Survey Report on Findings and Insights". Study conducted and report written for Albertsons
- Boyer, K. K., G.T.M. Hult and A. McGee. "2004 Home Delivered Groceries Survey Report on Findings and Insights". Study conducted and report written for Grocery Gateway
- Boyer, K. K., G.T.M. Hult and A. McGee. "2003 Home Delivered Groceries Survey Report on Findings and Insights". Study conducted and report written for Lowes Foods To Go

## **CONFERENCE PRESENTATIONS**

- Drake, M.; Eboch, K., Pittman, P., Prud'homme, A., Stoll, R., Talbert, M., (2019) "Opportunities for Academics to Engage with ASCM" *Annual Meeting Decision Sciences Institute (DSI)*, Nov 2019, New Orleans, LA
- Drake, M.; Eboch, K., Prud'homme, A., Stoll, R. (2018) "Opportunities for Academics to Engage with APICS" *Annual Meeting Decision Sciences Institute (DSI)*, Nov 2018, Chicago, IL

## Andrea M. Prud'homme, Ph.D., CPIM-F, CLTD, CSCP, CIRM

- Prud'homme, A.M.; R. Newman, D. Bumblauskas (2016) "International Live Case Workshop" *Annual Meeting Decision Sciences Institute (DSI)*, Nov 2016, Austin, TX
- Prud'homme, A.M. (2016) "Talent Development, Student Achievement and University Accreditation: APICS's new Win Win Win" *APICS Annual International Conference*, Oct. 2016, Washington, DC
- Prud'homme, A.M., T. Butler, J. Taylor, (2013) "Conducting Case Competitions with Corporate Sponsors," *Annual Meeting Decision Sciences Institute (DSI)*, November 2013, Baltimore, MD.
- Prud'homme, A.M. (2011), "Supply Chain Management", Keystone Foods Supply Chain Summit, Sept. 2011, PA
- Hult, G. Tomas M., D. J. Ketchen, Jr., A. S. Cui, A. M. Prud'homme, S. H. Seggie, M. A. Stanko, A. S. Xu, and S. T. Cavusgil (2006), "An Assessment of the Use of Structural Equation Modeling in International Business Research," *Annual Meeting of the Academy of International Business (AIB)*, June 2006, Beijing, China.
- Prud'homme, A. M., K. K. Boyer and R. Calantone, (2005) "TAM, TCA, and SERVQUAL Compared: Measuring Online Customer Satisfaction and Preference Across Regions," *Annual Meeting of the Academy of Management*, Awarded Best Student Paper of the Operations Management Division, August 2005, Honolulu, HI.
- Prud'homme, A. M. and K. K. Boyer, (2005) "On-line Ordering, Fulfillment and Customer Satisfaction: A Longitudinal Analysis," *16<sup>th</sup> Annual POMS Conference*, April-May 2005, Chicago, IL.
- Kull, T. and A. M. Prud'homme, (2005) "Linking Operations Management and the Scientific Method," *Mid-West Decision Sciences Institute 2005 Annual Meeting*, April 2005, Toledo, OH.
- Prud'homme, A. M., (2005) "The Competitive Potential of Socially Responsible Purchasing Practices" *16<sup>th</sup> Annual North American Research and Teaching Symposium on Purchasing and Supply Chain Management*, March 2005, Tempe, AZ. (published in conference proceedings)
- McGee, A. and Boyer, K. K. (2004) "A Comparison of Drivers of Customer Loyalty for Online and In-store Grocery Customers," *Annual Meeting of the Academy of Management*, August 2004, New Orleans, LA.

## **INDUSTRY EMPLOYMENT**

### **Hewlett-Packard, Greeley, Colorado (1997 to 2001)**

#### Supply Chain Development, Program Manager

- Project manager of multi-divisional program to include our products in configure-to-order (CTO) program.
- Project manager to establish major supplier on a vendor managed inventory (VMI) program in both US and European distribution centers.

#### Procurement Specialist / Account Manager for Contract Manufacturer

- Planning and Logistics lead to successfully divest manufacturing to the division's first contract manufacturer.
- Account Manager overseeing Solectron upon divestiture

#### Business Operations Planner

- Led team to implement demand pull in an offsite warehouse domestically for a key OEM customer resulting in improved customer satisfaction, and participated on team to create a similar process in Europe.

#### Senior Production Planner

- As the Account Logistics Manager for a major new OEM customer for this division, successfully led the initial planning and inventory stocking efforts in multiple sites that allowed for a new product introduction (NPI) to this customer with a significantly reduced introduction schedule, and allowed HP as a corporation to improve their overall supplier score to attain 'Best of Breed'.

### **Advanced Energy Industries, Inc., Fort Collins, Colorado (1995 to 1997)**

#### Commodity Manager, Purchasing

- Served as Team Lead for purchasing group consisting of three buyers.
- First contract negotiated resulted in a reduction of the supplier base and a +30% savings single material family with corporate savings estimated at \$125,000 yearly, a reduction in inventory levels and improved service to the production line with supplier-replenished stocking bins.

#### Senior Production Control Analyst

- Leader of Materials Team in creation, planning and implementation of a flow production process re-engineering effort and implementation of Kanban material replenishment system resulting in a 50% reduction in production lead-time and a 60% reduction in WIP inventory.
- Low mix and low volume. Customer based business unit.

### **Valor Electronics, San Diego, California (1991 to 1995)**

#### Commodity Manager, Purchasing

Andrea M. Prud'homme, Ph.D., CPIM-F, CLTD, CSCP, CIRM

- Serve as liaison to MIS department in development of a computerized pull signal system to support the requirements of multiple warehouse/plant locations in China and procurement offices in Hong Kong and United States.

Senior Production Planner

- Created master schedule for two product lines manufactured in China.
- Low mix and very high volume

**Lancer Orthodontics**, Carlsbad, California (1990 to 1991)

Senior Planner and Supervisor of Resale Packaging

- Supervisor of two-member department that packaged purchased items for resale.
- Oversaw movement of multiple product line from facility in California to Mexico.
- Managed production schedule for facility in Mexico, including bi-weekly on-site supervision visits.
- Very high variety and high volume of items

**Melles Griot**, Carlsbad, California (1989 to 1990)

Production Planner

- Established and maintained build plans for fabricated and finished good items.
- Primarily Make-to-Stock, moderate volume and low mix.

**Gamma-Metrics**, San Diego, California (1988 to 1989)

Production and Purchasing Planner

- Established and maintained build plans.
- Provided requests for purchased materials.
- Primarily Engineer- and Make-to-Stock, very low volume.