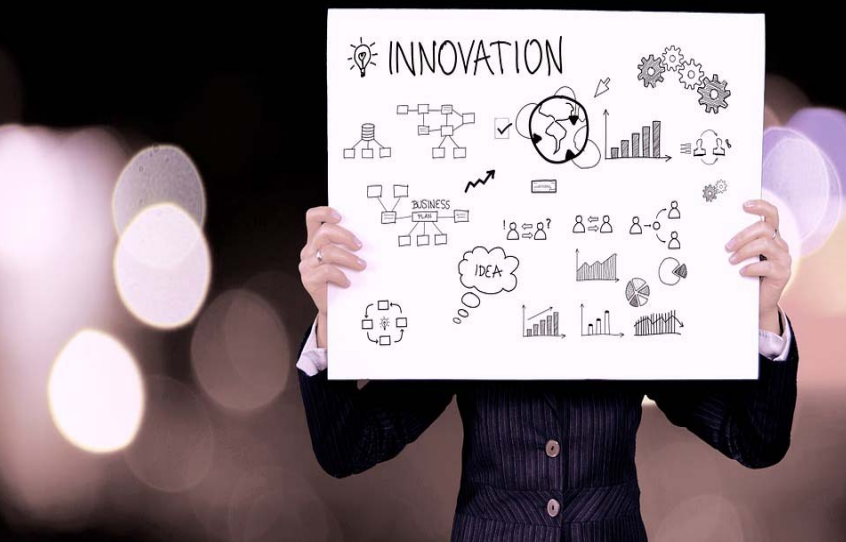


2019  
Industry Studies Association  
Annual Conference  
May 30—June 1, 2019



EWING MARION  
**KAUFFMAN**  
FOUNDATION



INDUSTRY STUDIES ASSOCIATION

# ~WELCOME~

Chip Hunter, President of the Industry Studies Association

On behalf of the board of the Industry Studies Association, welcome to Nashville and the 2019 Annual ISA Conference. I'm looking forward to a terrific set of sessions and panels, and I'm glad you're here to join us at this meeting.

This year's location highlights the core purpose of our association: building knowledge together through deeper understanding of firms, industries, and the broader context in which they operate. Nashville is a dynamic center of a wide range of economic activity: a national leader in health care; a key hub in supply chains; a home to manufacturing; and, of course, renowned for its contributions to the music industry. Our plenary sessions and activities are designed to draw out these themes.

I have a word of encouragement for those of you who are new to this meeting: most of our ISA regulars come to this conference largely because they enjoy learning from others with similar interests and different perspectives. Similarities often revolve around commitment to learning from data, to working on relevant issues, and to engaging first-hand with phenomena in the field. Different perspectives arise from variation in industry contexts for research, from the wide range of disciplines represented at the conference, and from a multitude of methods of inquiry. We deliberately build in time for informal networking and we try to structure sessions to encourage discussion. Come on into the conversation!

Our association relies on volunteers and on the generosity of sponsors to stay vibrant. Thanks are due to the Ewing Marion Kauffman Foundation, Carson College of Business at Washington State University, and Program on Vehicle and Mobility Innovation. Over the next few days, also pass on a word of thanks to our program committee for assembling a great lineup. Our program chairs – Adam Seth Litwin, Ingrid Nembhard, and Liz Reynolds -- have worked for months with our track chairs and others to bring things together. Our executive director, Stephanie Rink, has done a great job of leading our conference planning across the board. Make sure you say "hi" to Stephanie and introduce yourself so she has a chance to get to know the members she's serving.

We are always looking to improve the annual meeting, so please be sure to fill out the survey at <https://tinyurl.com/ISA2019Survey> and let us know what we can make better, as well as what is working. Your feedback will help us continue to move forward and to make our 2020 meeting in Boston even better.



Chip Hunter  
President



# Conference in Brief

## LOCATION

Gaylord Opryland Resort & Conference Center  
2800 Opryland Dr. Nashville, TN 37214

## REGISTRATION

Thursday, May 30:	5:30 pm — 7:00 pm	Water's Edge
Friday, May 31:	7:30 am — 4:00 pm	Magnolia Mezzanine
Saturday, June 1:	7:30 am — 11:30 am	Magnolia Mezzanine

## THURSDAY MAY 30, 2019

12:30 pm — 5:30 pm	Excursion   Music City Tour—Preregistration Required
12:00 pm — 5:00 pm	Professional Development Luncheon & Workshop
6:00 pm — 7:00 pm	Industry Studies Association Welcome Reception

## FRIDAY MAY 31, 2019

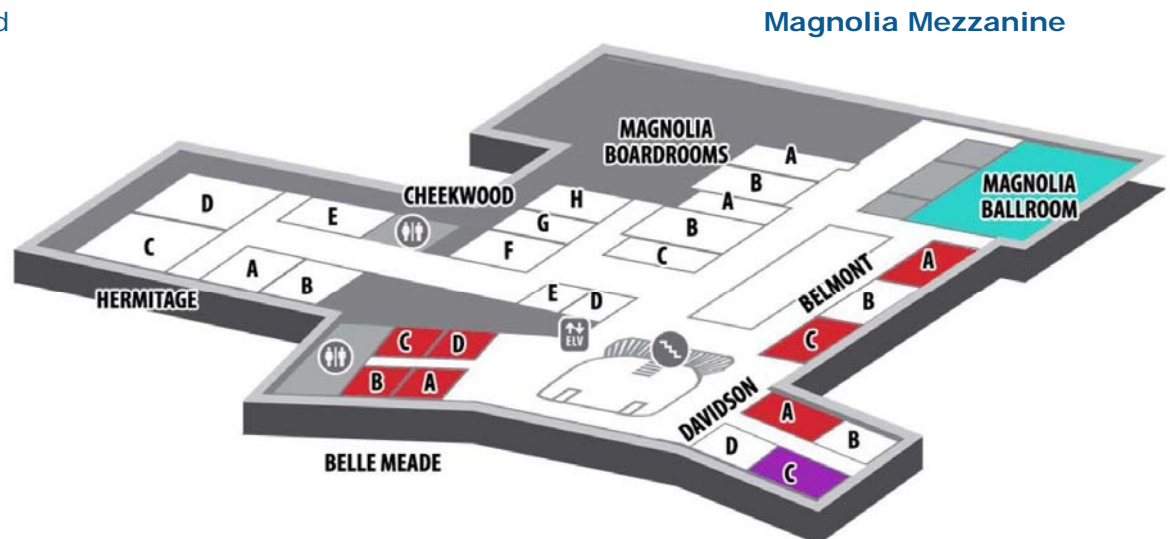
8:00 am — 9:30 am	Welcome and Plenary I: The Cultural Evolution of "Music City"
10:00 am — 11:45 am	Concurrent Sessions 1A—1F
11:45 am — 1:30 pm	Business Meeting Luncheon
1:30 pm — 3:15 pm	Concurrent Sessions 2A—2F
3:45 pm — 5:30 pm	Concurrent Sessions 3A—3G
5:30 pm	Sessions conclude
6:00 pm — 7:00 pm	Industry Studies Association Annual Conference Reception

## SATURDAY June 1, 2019

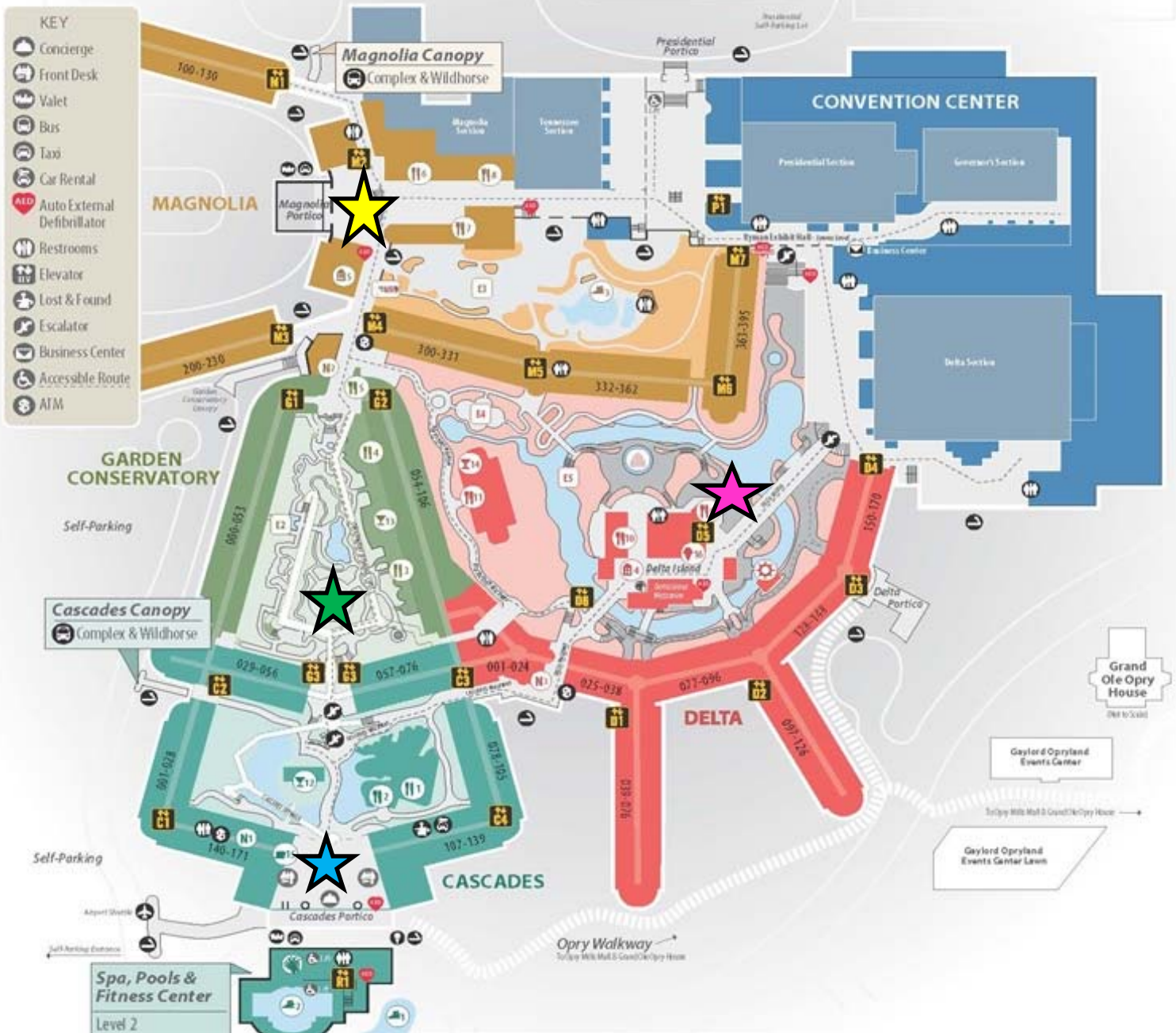
8:00 am — 9:30 am	Plenary II: TBD
10:00 am — 11:45 am	Concurrent Sessions 4A—4G
11:45 am — 1:30 pm	Awards Luncheon
1:30 pm — 3:15 pm	Concurrent Sessions 5A—5G
3:45 pm — 5:30 pm	Concurrent Sessions 6A—6G
5:30 pm	Adjourn

## Room Locator

Plenary Sessions & Luncheons - Teal  
Panel Sessions - Red  
ISA Office- Purple



# Venue Map



**Magnolia Mezzanine | Conference Rooms** - Magnolia Ballroom, Belmont A, C, Belle Meade A,B, C and D, Davidson A and C,

*\*Also see, Water's Edge for Welcome Reception (pink star), Crystal Gazebo for Conference Reception (green star) MAIN CHECK IN – Cascades Lobby (blue star)*



# Ralph Gomory Award

## Ralph Gomory Best Industry Studies Paper Award

The Ralph Gomory Best Industry Studies Paper Award was established by the Industry Studies Association and named for Ralph Gomory, who as President of the Alfred P. Sloan Foundation established and steadfastly supported an Industry Studies Program. With this award, the Association seeks to showcase excellent industry studies research published in the preceding year in a selection of eight top academic journals. Through this award, the Industry Studies Association hopes to encourage more researchers to submit their industry studies papers to this set of leading scholarly journals, and to recognize the journals and their editors who value research that explores the industry context deeply. As part of its mission, the Industry Studies Association seeks to promote excellent industry studies research that builds relationships with practitioners to gain access to primary data, brings the contextual knowledge gathered in the field to bear on the formation of research questions and research design, and uses that knowledge to guide data analysis, interpretations, and conclusions.

## Thank You to our Donors

The Industry Studies Association strives to recognize outstanding scholarship with awards. Because of the financial support of dedicated Industry Studies Association members and friends we are able to recognize well our colleagues and their research. We thank the generous support of our donors listed below. If you would like to donate to the Industry Studies Association's general use fund or the Ralph Gomory Award please visit our website at [industrystudies.org/donate](http://industrystudies.org/donate). We appreciate your support.

### Richard Lounsbery Foundation

Hirsh Cohen	John Paul MacDuffie	Frank Mayadas	Gail Pesyna
Fred Abernathy	Eileen Appelbaum	Melissa Appleyard	Jay Apt
Rose Batt	Peter Berg	Dan Breznitz	Shiri Breznitz
Clair Brown	Amy Cohn	Joel Cutcher-Gershenfeld	Jane Davies
Jason Dedrick	Peter Doeringer	Stan Finkelstein	Ann Frost
Frank Giarratani	David Hart	Susan Helper	David Hodges
Jody Hoffer Gittel	Kent Hughes	Chip Hunter	Chickery Kasouf
Jean Kinsey	Tom Kochan	Cynthia Kroll	Julia Lane
Stefanie Lenway	Richard Lester	Arie Lewin	David Lewin
Ravi Madhavan	Pat McCarthy	Tom Murtha	Geoff Parker
Daniel Roos	Frank Rothaermel	Sonali Shah	Peter Warrian
David Weil	Chelsea (Chip) White	Valery Yakubovich	



# Industry Studies Association Awards

Join us Saturday, June 1<sup>st</sup> at the Awards Luncheon as we recognize all awardees.

## Conference Best Paper in the Innovation and Entrepreneurship Research Stream Award

*This award has been made possible with the generous support of the Ewing Marion Kauffman Foundation.*

### WINNING PAPER

*Not all Technological Change is Equal: Disentangling Labor Demand Effects of Automation and Parts Consolidation*

**Christophe Combemale** (Carnegie Mellon University)

**Kate S. Whitefoot** (Carnegie Mellon University)

**Laurence Ales** (Carnegie Mellon University)

**Erica R.H. Fuchs** (Carnegie Mellon University)

Presentation: Award Winners Panel 3A, Friday 3:45—5:30 pm

Presentation: Panel 4E, Saturday, 10:00—11:45 am

### RUNNER-UP

*Occupational Licensure and Entrepreneurs: The Case of Tax Preparers in the U.S.*

**Kyle Albert** (Harvard University)

**Roman V. Galperin** (Johns Hopkins University)

**Aleksandra Kacperczyk** (London Business School)

Presentation: Award Winners Panel 3A, Friday 3:45—5:30 pm

## Dissertation Award

### WINNER

**Callen Anthony** (New York University)

*Three Essays on the Relationship between Technological Tools and Knowledge Work*

Doctoral Dissertation, Boston College

Presentation: Panel 1D, Friday, 10:00—11:45 am

Presentation: Award Winners Panel 3A, Friday 3:45—5:30 pm

Presentation: Panel 6D, Saturday, 3:45—5:30 pm

### RUNNER-UP

**Alexandrea Ravenelle** (Mercy College)

*The New Entrepreneur: The Lived Experience of Sharing Economy Workers*

Doctoral Dissertation, The Graduate Center, City University of New York

## Emerging Scholar in Innovation and Entrepreneurship Award

*This award has been made possible with the generous support of the Ewing Marion Kauffman Foundation.*

*This award recognizes an early or mid-career industry studies scholar conducting exceptional research in the area of innovation and entrepreneurship. The award winner demonstrates significant personal investment in understanding the markets, firms, and institutions of an industry and frequently involves the integration of director observation through field based research with appropriate theory and analysis.*

### WINNER

**Arvind Karunakaran** (McGill University)

*Frontline Professionals in the Wake of Increased Digital Scrutiny: Examining the Paradox of Public Accountability*

Presentation: Award Winners Panel 3A, Friday 3:45—5:30 pm



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# Industry Studies Association Awards

Join us Saturday, June 1<sup>st</sup> at the Awards Luncheon as we recognize all awardees.

## Giarratani Rising Star Award

### WINNER

**Johan S.G. Chu** (University of Chicago Booth School of Business)

**Sung-Chul Noh** (Saitama University)

*Weapons of Mass Attention Direction: Competitive Dynamics of the Korean Popular Music Industry*

Presentation: Panel 2F, Friday, 1:30—3:15pm

Presentation: Award Winners Panel 3A, Friday 3:45—5:30 pm

### RUNNER-UP

**Arvind Karunakaran** (McGill University)

*Frontline Professionals in the Wake of Increased Digital Scrutiny: Examining the Paradox of Public Accountability*

Presentation: Award Winners Panel 3A, Friday 3:45—5:30 pm

## Ralph Gomory Best Industry Studies Paper Award

### WINNING PAPER

*Status Climbing vs. Bridging - Multinational Stakeholder Engagement Strategies*

**Lite J. Nartey** (University of South Carolina)

**Witold J. Henisz** (University of Pennsylvania)

**Sinziana Dorobantu** (New York University)

Presentation: Award Winners Panel 3A, Friday 3:45—5:30 pm

### RUNNER-UP (TIE)

*How Firms Navigate Cooperation and Competition in Nascent Ecosystems*

**Douglas P. Hannah** (University of Texas at Austin)

**Kathleen M. Eisenhardt** (Stanford University)

Presentation: Award Winners Panel 3A, Friday 3:45—5:30 pm

*An Examination of Early Transfers to the ICU Based on a Physiologic Risk Score*

**Carri W. Chan** (Columbia University)

**Wenqi Hu** (Columbia University)

**José R. Zubizarreta** (Columbia University)

**Gabriel J. Escobar** (Kaiser Permanente)

Thank you to all who served on an award selection committee!



# Research Stream Legend

Throughout the conference schedule, panels indicate which one of the eight ISA research streams they represent by the following abbreviations and color scheme:

1. **Energy, Power, & Sustainability (EP&S)**
2. **Healthcare (H)**
3. **Globalization: Management & Policy Implications (G:M&PI)**
4. **Innovation & Entrepreneurship (I&E)**
5. **Technology Management (TM)**
6. **Labor Markets, Organizations, & Employment Relations (LMO&ER)**
7. **Supply Networks, Operations and Engineering Management (SNO&EM)**
8. **General Industry Studies (GIS)**

## Conference Program: Thursday, May 30

### EXCURSION: Music City Tour

12:30 pm — 5:30 pm Pre-registration required

### PROFESSIONAL DEVELOPMENT WORKSHOP

12:00 pm — 1:00 pm *Luncheon* Belle Meade AB

1:00 pm — 5:00 pm *Workshop* Belle Meade AB

### ISA BOARD MEETING (board members only)

1:00 pm — 5:00 pm Belmont A

### INDUSTRY STUDIES CONFERENCE WELCOME RECEPTION

6:00 pm — 7:00 pm Water's Edge

## Conference Program: Friday, May 31

### WELCOME BY THE ISA PRESIDENT | Chip Hunter

#### PLENARY I

8:00 am — 9:30 am Magnolia Ballroom

**BREAK** 9:30 am — 10:00 am Magnolia Mezzanine





Friday, May 31

8:00—9:30 am

## Panelists' Bios

# PLENARY I: The Cultural Evolution of 'Music City': How Performers, Places, Songs, and Activists Shape Nashville's Music Scene

In 1925, radio station WSM launched the broadcast that would be called the Grand Ole Opry, sparking Nashville's enduring association with country music and its durable nickname "Music City". This plenary will explore how Nashville has continually evolved beyond its historical roots in country music to add new musical genres, new places for making and hearing music, and new ways to achieve community among musicians and their audiences.

The panel, moderated by long-time local journalist and TV anchor Demetria Kalodimos, features four individuals who have been leaders, community-builders, and keen observers of Nashville's evolving music scene. Each will provide their unique perspective on a city where "song is king", music venues (new and old) are revered, and meeting people involved in music-making is a daily occurrence for residents and visitors alike. In the face of disruption by technology and new business models, they will explore how local musicians are reinventing their careers, how musical diversity has bolstered Nashville's appeal, and how an industry can diversify without losing the connections to its specialized roots.

### Moderator: Demetria Kalodimos



**Demetria Kalodimos** has anchored and reported the news in Middle Tennessee for more than 35 years and has won many broadcast journalism awards including 15 Emmys, 3 Investigative Reporters and Editors (IRE) National awards and 3 Edward R. Murrow Awards for investigative reporting. She was inducted into the Tennessee Journalism Hall of Fame in 2016. Demetria holds a Masters in Journalism from the University of Illinois and a Bachelor of Music Education and Honorary Doctorate from Illinois Wesleyan University. She produces her own award winning documentaries, music videos and other visual content through her company Genuine Human Productions, headquartered at The Filming Station.



**Dan Cornfield**, a Professor of Sociology, Political Science, and American Studies at Vanderbilt University, Editor-in-Chief of *Work and Occupations*, and a Fellow of the Labor and Employment Relations Association. His work on artist careers, labor, civil rights, and immigration addresses the formation of inclusive and expressive occupational communities and their impact on cultural pluralism. His book *Beyond the Beat: Musicians Building Community in Nashville* (Princeton University Press) addresses how indie musicians strengthen their peer community of artists in the contemporary era of the gig economy and heightened identity politics, based on his in-depth interviews with 75 Nashville popular-music musicians. Dan's work has been widely published in social science journals, including the *American Journal of Sociology*, *Social Forces*, and the *ILR Review*. Dan earned his BA (1974), MA (1977), and PhD (1980) all in sociology from the University of Chicago.



**Manuel A. Delgado**, a third generation Luthier (Instrument maker) with a history that dates back to 1928. Manuel has had instruments in the Fowler museum at UCLA, two separate exhibits with the Smithsonian Institute in Washington and a traveling exhibit, is featured in the "Fretboard Journal" magazine (winter 2007), "American Songwriter" magazine (Feb 2010), Acoustic Guitar Magazine (August 2015), and has been included in the L.A. Times, Esquire, Travel, The Best of L.A., The Tennessean, The City Paper, Vida Nueva, La Opinión, Daily Paper, The East Nashvillian, Nashville's "Spirit" Magazine, "Instrumentheads" a book by Michael Weintrob, "Hearts and Hands" a book of builders around the U.S., NBC Latino and many other prints.



Friday, May 31  
8:00—9:30 am

## Panelists' Bios

# PLENARY I: The Cultural Evolution of 'Music City': How Performers, Places, Songs, and Activists Shape Nashville's Music Scene



**Eric Holt**, CEO of Chiminus Enterprises, a lifestyle marketing and consulting company and Managing Partner of Chiminus' concert promotions company, Lovenoise. Holt earned his Bachelor of Science degree with a concentration in Communications from Howard University in Washington, D.C., and a J.D. from Nashville's Vanderbilt University Law School. He holds a faculty position at Curb College of Entertainment and Music Business at Belmont University where he specializes in Urban Music, Live Music Venues, Marketing and Promotions.



**Erika Wollam Nichols**, President and GM of The Bluebird Cafe overseeing all aspects of the venue's on-site and off-site operations along with marketing, sponsorship and brand development of The Bluebird Cafe name. Earlier, she was Director of Development for the Nashville Songwriters Association International (NSAI) where she oversaw the organization's fundraising, marketing and community relation's efforts for three years (2005-2008). Past experience includes Vice-President of Marketing & Community Outreach at The Country Music Hall of Fame and Museum; director of Tin Pan South; Associate Producer of the weekly Nashville Public Radio series, "The Songwriter Sessions"; and Program Director for the Summer Lights Festival. Erika received her BA with a major in philosophy and a minor in journalism from Belmont University and an MFA from Vermont College of Fine Arts.

## What People Are Saying about Nashville's Music Scene

According to the state of Tennessee, the music industry supports more than 56,000 jobs in the Nashville area and has a \$10 billion economic impact on the region annually.

Nashville's density of music industry activity is currently 20 to 30 times as great as that in New York and Los Angeles

Employment in Nashville's music industry per 1,000 population and per 1,000 total employment exceeds all other U.S. cities by large margins, and exceeds New York and Los Angeles by 2.5 to 4 times

"Simply put: Nashville is the most affordable, practical and manageable of the major music cities to live in." (Ben Ford)

"Nashville is the city that listens, and we listen to all kinds of music here." (John Tumminello)

"The best writers and musicians in the world live in this town. It keeps you on your toes being around so many talented people." (Andrew Combs)



## **PANEL SESSION ONE 10:00 am—11:45 am**

### **1A: Electric and Shared Vehicles: What Does the Future Hold? (GIS)**

**Davidson A**

Chair: David Hart (George Mason University)

Stranded Assets in the Transition from ICEVs to EVs  
David Hart (George Mason University)

Mobility-as-a-Service and the Future of New Vehicle Sales  
David Keith (Massachusetts Institute of Technology)  
Sergey Naumov (Massachusetts Institute of Technology)  
Hannah Rakoff (U.S. Department of Transportation)  
Lars Sanches (Massachusetts Institute of Technology)  
Anuraag Singh (Massachusetts Institute of Technology)

Hailing Rides Using On-Demand Mobility Platforms: What Motivates Consumers to Choose Pooling?  
Sergey Naumov (Massachusetts Institute of Technology)  
David Keith (Massachusetts Institute of Technology)

### **1B: Technology and Performance in Healthcare (H)**

**Belmont A**

Chair: Diane Alleva Caceres (Market Access International)

The Complementarity of Health Information and Health IT for Reducing Opioid-Related Mortality and Morbidity  
Lucy Xiaolu Wang (Cornell University)

The Impact of Recent Technological Change on Healthcare Delivery  
Adam Seth Litwin (Cornell University)

Giving Information Technology a Check Up: How HIT Reshapes Conflict & Collaboration in Healthcare  
Phoebe Strom (Cornell University)

The Influence of Peer Beliefs on Nurses' Use of New Technology  
Christina Yuan (Johns Hopkins University)  
Ingrid Nembhard (University of Pennsylvania)  
Gerald Kane (Boston College)

Can 30-Day Readmission-Rates Predict Patient Satisfaction of United States Inpatient Acute-Care Hospitals?  
Jennifer Wilbers (A.T. Still University)  
Lihua Dishman (A.T. Still University)  
John Fick (A.T. Still University)

### **1C: Modes of Innovation Problem-solving (I&E)**

**Belmont C**

Chair: Pamela Adams (Seton Hall University)

The Military's Role in Fostering Innovation in the Commercial Drone Industry  
Katrín Smolka (University of Warwick)  
Purseu Heugens (Erasmus University)

R&D on the Scientific Frontier: The Influence of Scientists' Knowledge Diversity, Dissimilarity, and Interdisciplinary Publication Experience on Publication Performance  
Melissa Appleyard (Portland State University)  
Turanay Caner (St. John's University)  
Beverly Tyler (North Carolina State University)  
Griffin Weber (Harvard University)

Vices and Donations: Racehorse Betting Donations as Solution to Industry Decline  
Darcy Fudge Kamal (Chapman University)

*Sponsored by the Ewing Marion Kauffman Foundation*



Friday, May 31

**1D: Examining Technology and Product Transformation: Insights from the Music, Piano and Rubber Industries (GIS)** **Belle Meade A**

Chair: Sonali Shah (University of Illinois at Urbana-Champaign)

Back to the Future: Innovation, Cultural Disruption and the Resurgence of Analog Synthesizers  
Callen Anthony (New York University)

Balancing Continuity and Change: 150 years of Steinway and M. Steinert & Sons  
Mary Tripsas (Boston College)  
Elizabeth Altman (University of Massachusetts, Lowell)

**1E: Knowledge Generation and Flow (TM)**

**Belle Meade B**

Chair: Tonya Boone (College of William & Mary)

Key Success Factors and Strategic Considerations for Industry-University Relationships for Advancing Knowledge and New Technologies  
Michael D. Santoro (Lehigh University)

The Strategic Implications of Organizational Forgetting  
Raphael Martins (New York University)

The Evolution of the International Knowledge Networks of Innovative MNEs in the Pharmaceutical Industry  
John Cantwell (Rutgers University)  
Sarah Edris (Rutgers University)  
Marianna Marra (Essex University)  
Suma Athreye (Essex University)

Do ut des: The Role of International Business Incubators as Source of New Knowledge  
Alberto Di Minin (Scuola Superiore Sant'Anna & U.C. Berkeley)  
Antonio Crupi (Scuola Superiore Sant'Anna)  
Francesco Silvestri (TOChina Hub)

**1F: Changing and Matching Persons and Roles: CEO, Brokers, Third Party Evaluators, and Frontline Workers (GIS)** **Belle Meade D**

Chair: Rianne Laureijs (Carnegie Mellon University)

CEO Succession Planning in Small Community Banks: A Qualitative Case Study of "PNW" Bank  
Christina Gehrke (City University of Seattle)

An Ecology of Opinions: An Industry Study of New York City's Third Party Restaurant Evaluators  
Daniel Sands (New York University)

Product Variety and Productivity: Quantifying the Magnitude of the Person-Task-Tool Match  
Rianne Laureijs (Carnegie Mellon University)  
Kate Whitefoot (Carnegie Mellon University)  
Erica Fuchs (Carnegie Mellon University)  
Chad Syverson (University of Chicago)



Friday, May 31

**BUSINESS MEETING AND LUNCH**

11:45 am—1:30 pm

Magnolia Ballroom

**PANEL SESSION TWO 1:30 pm—3:15 pm**

**2A: The Dynamics of Entrepreneurial Spinoffs (I&E)**

Davidson A

Chair: Joel West (The Claremont Colleges)

Linking Vertically Related Industries: Entry by Spinouts Across Industry Boundaries

Pamela Adams (Seton Hall University)  
Roberto Fontana (University of Pavia, Italy)  
Franco Malerba (Bocconi University, Italy)

Spinning an Entrepreneurial Career: The Role of Motivations, Capabilities, and External Factors

Sonali Shah (University of Illinois)  
Hyeonsuh Lee (University of Illinois)  
Rajshree Agarwal (University of Maryland)

Financing Cascades: Sequencing Public and Private Funding in University Spinoffs

Andrea Belz (University of Southern California)  
Sara Gong (University of Southern California)  
Fernando Zapatero (University of Southern California)

Non-traditional Datasets for Research on Entrepreneurship

Andrew Reamer (George Washington University)

*Sponsored by the Ewing Marion Kauffman Foundation*

**2B: Managing Healthcare Workspaces (H)**

Belmont A

Chair: Adam Seth Litwin (Cornell University)

What Health Administration Leadership Competencies Are Important to the United States Hospital Industry?

Lihua Dishman (A. T. Still University)  
John Fick (A. T. Still University)  
Kathy Adler (A. T. Still University)  
Letha Williams (A. T. Still University)

Gender Wage Gaps in Healthcare Occupations

Eileen Appelbaum (Center for Economic and Policy Research)

An Examination of the Impact of Workplace Wellness Programs on Health Outcomes in the U.S. versus European Countries

Lesley Clack (University of Georgia)  
Warren Fraser (University of Georgia)

Home Health Care as a Case for Bringing Care Work to Industry Studies

Tina Wu (New York University)



## 2C: Incumbents and Entrants in the Electricity Sector (EP&S)

Belmont C

Chair: Adam Fremeth (Western University)

Blinded by the Sun: Demand-Side Legitimacy and Incumbents' Barriers to New Technology Investments

Carmen Weigelt (Tulane University)

Shaohua Lu (Santa Clara University)

Cameron Verhaal (Tulane University)

Incumbent Resistance and the Solar Transition: Changing Opportunity Structures and Framing Strategies

Dasom Lee (Vanderbilt University)

David Hess (Vanderbilt University)

Determining the Value of Wind Power: Evidence from a Multifactor Analysis of the U.S. Electricity Industry

Ekundayo Shittu (George Washington University)

Carmen Weigelt (Tulane University)

Dor Hirsh Bar Gai (George Washington University)

Community Energy: Technical and Social Challenges and Integrative Solutions

Jason Detrick (Syracuse University)

Elizabeth Krietemeyer (Syracuse University)

Ehsan Sabaghian (Syracuse University)

Tarek Rakha (Georgia Tech)

## 2D: Organizational Practices and Employee Behaviors (LMO&ER)

Belle Meade A

Chair: Gail Pesyna (Sloan Foundation, retired)

Do Ties That Bind Hurt? The Consequences of Noncompete Inter-Firm Mobility Constraints

Kwan Lee (Cornell University)

Organizational Differences in Attendance Incentive Level and Type in the Export Apparel Manufacturing Industry

Mevan Jayasinghe (Michigan State University)

Pushed or Pulled Away: A Natural Experiment Investigating Turnover Shocks in the Manufacturing Industry

Becker William (Virginia Tech)

Samantha Conroy (Colorado State University)

Sarah Tuskey (Virginia Tech)

Variety is the Spice of Hiring: Heterogeneous Interview Pools and Post-Hire Performance and Turnover

Kathryn Dlugos (Cornell University)

How (Net)work Rules Govern the Digital Shop Floor: An Empirical Study of Efficiency, Equity, and Voice on Digital Platforms

Michael Maffie (Penn State)



Friday, May 31

**2E: The Evolution of Supply Networks: Evidence from the Agricultural and Automotive Industries (SNO&EM)** **Belle Meade B**

Chair: Tonya Boone (College of William & Mary)

The Role of Farmer-Producer Organisations (FPOs) in Developing Socially Responsible Supply Networks  
Tomás Harrington (University of East Anglia)  
Jagjit Singh Srani (University of Cambridge)

Exploring the Trends and Challenges in Agricultural Supply Chains  
Canberk Ucel (University of Pennsylvania)  
John Paul MacDuffie (University of Pennsylvania)  
Marshall Fisher (University of Pennsylvania)

At the Intersection of Technology, Ethics, and Agribusiness: The Case of US Sugar Consumption Enhanced by Genetic-Engineered Crop (1970 to 2016)  
Velma Lee (Palm Beach Atlantic University)  
Lihua Dishman (A.T. Stillwater)  
Florence Xiong (Florida Atlantic University)

Technological Discontinuities and Dominant Designs in the Automotive Industry: The Case of Ford, 1896-1914  
Giulio Ferrigno (Scuola Superiore Sant'Anna)  
Alberto Di Minin (University of California at Berkeley, Scuola Superiore Sant'Anna)  
Alberto Zordan (Scuola Superiore Sant'Anna)

**2F: Managing Through Messaging: How Industries Use Language and Followers for Success (GIS)** **Belle Meade D**

Chair: Liz Reynolds (Massachusetts Institute of Technology)

Alert! Treating Language Game Seriously in the Competitive Interaction: Evidence from the Global Pulp and Paper Industry  
Khoa Nguyen (University of Jyväskylä)  
Tomi Nokelainen (Berggren Oy)

Weapons of Mass Attention Direction: Competitive Dynamics of the Korean Popular Music Industry  
Johan Chu (University of Chicago)  
Sung-Chul Noh (Saitama University)

**BREAK 3:15 pm—3:45 pm**

**Magnolia Mezzanine**

**PANEL SESSION THREE 3:45 pm—5:30 pm**

**3A: Awards Panel: Industry Studies Association Honorees** **Davidson A**

Chair: John Paul MacDuffie (University of Pennsylvania)

*Dissertation Award Winner:* Callen Anthony (New York University)

*Conference Best Paper in Innovation and Entrepreneurship Research Steam Winner:* Christophe Combemale (Carnegie Mellon University)

*Conference Best Paper in Innovation and Entrepreneurship Research Steam Runner-Up:* Roman V. Galperin (Johns Hopkins University)

*Ralph Gomory Best Industry Studies Paper Winner:* Lite J. Nartey (University of South Carolina)

*Ralph Gomory Best Industry Studies Paper Runner-Up:* Doug Hannah (University of Texas)

*Giarratani Rising Star Winner:* Johan S.G. Chu (University of Chicago)

*Emerging Scholar in Innovation and Entrepreneurship:* Arvind Karunakaran (McGill University)

*Giarratani Rising Star Runner-Up:* Arvind Karunakaran (McGill University)

15



## 3B: Balancing the Interests of Stakeholders and Regulators (EP&S)

Belmont A

Chair: David Hart (George Mason University)

The Impact of Social Activism on Corporate Nonmarket Performance: Evidence from the Nuclear Power Generation Industry

Guy Holburn (University of Western Ontario)  
Adam Fremeth (University of Western Ontario)  
Alessandro Piazza (Rice University)

State Agency Discretion and the Radical Flank: An Examination of Stakeholder Opposition to New Hydroelectric Facilities

Jake Grandy (California State University, Long Beach)  
Shon Hiatt (University of Southern California)

Contracting Beyond the Market: Property Rights, Externalities, Historical Conflict, and Contractual Agreements between Firms and Nonmarket Stakeholders

Sinziana Dorobantu (New York University)  
Kate Odziemkoska (University of Pennsylvania)

Offshore Wind Farms

Fred Abernathy (Harvard University)

## 3C: Regulatory and IP Structures <-> Innovation and New Business Development (I&E)

Chair: Amrita Lahiri (Washington State University)

Belmont C

Global Drug Diffusion and Innovation with a Patent Pool: The Case of Drug Cocktails

Lucy Xiaolu Wang (Cornell University)

The Influence of Regulations on the Structure of Technological Innovation

Almantas Palubinskas (Syracuse University)  
Maria Minniti (Syracuse University)

Entrepreneurial Firms and Non-Market Strategies in an Emerging Industry

Almantas Palubinskas (Syracuse University)  
Maria Minniti (Syracuse University)

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## 3D: Unpacking Organizational Capabilities: Evidence from Nonprofit, Employee Owned, and Manufacturing Settings (LMO&ER)

Chair: Joel Cutcher-Gershenfeld (Brandeis University)

Belle Meade A

The Perniciousness of Scale in Non-Profit Organizations

David Keith (Massachusetts Institute of Technology)  
Lauren Taylor (Harvard University)  
James Paine (Massachusetts Institute of Technology)

Organizational Poverty in Poverty Organizations: Why Do Non-Profits Continue to Underinvest in Capabilities?

David Keith (Massachusetts Institute of Technology)  
Lauren Taylor (Harvard University)  
James Paine (Massachusetts Institute of Technology)  
Anthony Dawidowicz (Massachusetts Institute of Technology)  
Richard Weisbach (Massachusetts Institute of Technology)

Small Firm Production of Skill Across Manufacturing Value Chains

Allison Forbes (University of North Carolina at Chapel Hill)

Reskilling or Robocalypse?: Workers and Automation in Ohio Manufacturing Firms

Anna Waldman-Brown (Massachusetts Institute of Technology)





Friday, May 31

**3E: Generating New Knowledge Through Ecosystem and the Internet of Things (TM)**

Chair: Raja Roy (New Jersey Institute of Technology)

**Belle Meade B**

Application of Internet of Things and Internet of Medical Things in Hospital Setting—Implications for Healthcare Provision and Management Paradigms  
Patrik Nordin (University of Tampere)

SaaS Industry Ecosystems: The Development of Global Entrepreneurship Capabilities Outside of Silicon Valley

Sean Hackett (Aoyama Gakuin University)

**3F: Innovation and Creativity in Healthcare (H)**

**Belle Meade C**

Chair: Ingrid Nembhard (University of Pennsylvania)

Open Healthcare Innovation: Co-creation and Open Innovation in Healthcare Services

Krithika Randhawa (University of Technology, Sydney)

Joel West (KGI, The Claremont Colleges)

Ralf Wilden (Macquarie University)

Dissatisfied Creators: Generating Creative Ideas Amidst Negative Emotion in Healthcare

Yuna Lee (Columbia University)

Ingrid Nembhard (University of Pennsylvania)

Paul Cleary (Yale University)

Faultlines and the Adoption of Innovations that are Evidence-Based Practices: The Case of Opioid and Other Addictions

Chester Spell (Rutgers University)

Katerina Bezrukova (University at Buffalo)

Terry Blum (Georgia Institute of Technology)

Paul Roman (University of Georgia)

Huiru Evangeline Yang (University at Buffalo)

**3G: Policies and Strategies for Revitalizing Manufacturing Communities (GIS)**

Chair: Andrew Stettner (The Century Foundation)

**Belle Meade D**

Towards a High Wage America: State and Federal Policies for Revitalizing America's Manufacturing Communities

Joel Yudken (High Road Strategies, LLC)

Andrew Stettner (The Century Foundation)

Expanding Employment and Ownership in Manufacturing for Chicago's Black and Latino Communities

Teresa Córdova (University of Illinois at Chicago)

Regional Economic Composition and Resilience & Vulnerability to Economic Shocks

Ping Zheng (Indiana University)

State-Movement Coalitions for Building Labor Market Systems at Scale

Jenna Myers (Massachusetts Institute of Technology)

Katherine Kellogg (Massachusetts Institute of Technology)

**INDUSTRY STUDIES ASSOCIATION ANNUAL CONFERENCE RECEPTION**

6:00 pm—7:00 pm

Crystal Gazebo



Saturday, June 1

8:00—9:30 am

Panelists' Bios

## PLENARY II: Nashville as a Hub for Healthcare Innovation

If Athens was the birthplace of democracy, then the “Athens of the South” may well be regarded as the 21<sup>st</sup> century hub for healthcare experimentation and innovation. None other than the Brookings Institution has called Nashville the “healthcare capital” of the U.S. It is home to the two largest for-profit health systems in the country—the Healthcare Corporation of America (HCA) with 169 hospitals and Community Health Systems (CHS) with 158, not to mention one of the world’s most prestigious academic medical centers. Vanderbilt University Medical Center consistently ranks in the top 10 in the U.S. in terms of NIH funding and in the top 20 overall. These institutions form the core of a healthcare ecosystem that injects \$48 billion/year into the local economy through hospitals, ambulatory and outpatient care services, population health, and pharmaceutical services. The Nashville Healthcare Council proudly maintains a “Family Tree” of nearly 750 healthcare companies currently operating in the greater Nashville region. Even more important than the city’s pride in its healthcare sector are the innovations spawned by it, many of which are scalable and ripe for adoption by other healthcare systems.

Given its social, moral, and economic centrality—not to mention its notorious inefficiency and need for reform—no sector is more hungry for ideas and experimentation than this one. This panel, moderated by Vanderbilt University School of Medicine Professor John Graves, a White House collaborator on the construction and analysis of the Affordable Care Act, will shed light on innovations in healthcare organization and models for care delivery and care financing that stem from experimentation right here in the “belt buckle of the Bible Belt.” Many of these ideas emerged from Nashville’s well-developed for-profit institutions, represented on this panel by the leader of HCA’s strategy and innovation group. And, many of these models diffuse as a result of locally-based sectoral analysts and consultants who then partner with client health systems and organizations throughout the country, also represented on our panel. By the end of this panel, we will have a better sense of what Nashville’s healthcare industry has done and can continue to do to improve sectoral performance writ large.

### Moderator: John A. Graves



**John A. Graves**, Associate Professor at Vanderbilt University School of Medicine, where he holds appointments in the Department of Health Policy and the Department of Medicine. Graves’ interdisciplinary research spans the intersection of health economics and health care policy, with a focus on the development, implementation and evaluation of health care reforms at the state and federal level. Graves is a graduate of The University of the South in Sewanee, Tennessee. He holds a Ph.D. in Health Policy from Harvard University.



**Michele Molden**, Vice President Advisory Board with 35 years of health care experience. Within Advisory Board, Michele has partnered with clients in both comprehensive and focused consulting engagements to assist health systems and employed and independent physician enterprises to achieve financial and operational sustainability for the system. Her educational background includes a Master of Business Administration from Kennesaw State University in Kennesaw, Georgia, and a Bachelor of Arts from Miami University in Oxford, Ohio.



**Chip Blaufuss**, Vice President of HCA Healthcare’s Strategy & Innovation Group, where he leverages over twenty years of industry experience to drive strategy across the enterprise. By tailoring tactical initiatives to individual market dynamics while identifying and highlighting new opportunities within the healthcare field, Chip leads a key internal consulting network that is dedicated to executing our patient-centered focus throughout the communities we serve. Chip has a BA from the College of the Holy Cross and an MBA from Vanderbilt University’s Owen Graduate School of Management.



# Saturday, June 1

## PLENARY II

8:00 am—9:30 am

Magnolia Ballroom

**BREAK** 9:30 am—10:00 am

Magnolia Mezzanine

## PANEL SESSION FOUR 10:00 am—11:45 am

### 4A: Interfirm Alliances in Technology Development (I&E)

Davidson A

Chair: Eileen Appelbaum (Center for Economic and Policy Research)

David's Slings and Goliath's Spears: Pioneering Firms Pathways of Global Expansion for Diffusion of Mobile Money Industry

Audra Wormald (University of Maryland)

Rajshree Agarwal (University of Maryland)

Serguey Braguinsky (University of Maryland)

Sonali K. Shah (University of Illinois at Urbana-Champaign)

Open-Source R&D Consortia Among Industry Rivals: Pushing the Boundaries of Coopetition

Joel West (KGI, The Claremont Colleges)

Paul Olk (Denver University)

Nearly Decomposable Systems in Interfirm Alliance Networks

Anparasan Mahalingam (Purdue University)

David Johnson (Purdue University)

Umit Ozmel (Purdue University)

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### 4B: Advanced Manufacturing and the Work of the Future (TM)

Belmont A

Chair: Peter Berg (Michigan State University)

Manufacturers and New Technologies: Implications for Work and Skills

Liz Reynolds (Massachusetts Institute of Technology)

Suzanne Berger (Massachusetts Institute of Technology)

Dan Traficonte (Massachusetts Institute of Technology)

Anna Waldman-Brown (Massachusetts Institute of Technology)

The Drivers of Technology Adoption: Initial Survey Results with Manufacturing Suppliers

Raphael Martins (New York University)

Susan Helper (Case Western Reserve University)

Rob Seamans (New York University)

Do Robots Increase Wages? A Topic Modeling Approach At Individual and Metropolitan Levels

Nancey Green Leigh (Georgia Institute of Technology)

Heonyeong Lee (Georgia Institute of Technology)

Benjamin Kraft (Georgia Institute of Technology)

Have Knowledge, Will Travel: Local Legacy and Global Demand in the Industrial Robotics Automation Industry

Benjamin Kraft (Georgia Institute of Technology)



# Saturday, June 1

## **4C: STEM Labor Markets, Skill Development, and Firm Strategy (LMO&ER) Belmont C**

Chair: Hal Salzman (Rutgers University)

Chair: Andrew Weaver (University of Illinois at Urbana-Champaign)

Local Labor Markets and Human Capital Investments  
Russell Weinstein (University of Illinois at Urbana-Champaign)

America's Shadow Training System: University Extension Schools in Regional Tech Economies  
John Skrentny (University of California San Diego)  
Mary Walshok (University of California San Diego)

Training in Three Technical Occupations: Incidence and Predictors  
Andrew Weaver (University of Illinois at Urbana-Champaign)

Transformation of the 'Triple Helix' and the Great Crew Shift: How Industries, Colleges and Public Policies Are Changing STEM Labor Supply  
Hal Salzman (Rutgers University)

## **4D: Globalization and Development (G:M&PI) Belle Meade A**

Chair: Hiram Samel (Massachusetts Institute of Technology)

Should the African Lion Learn from the Asian Tigers? A Historical-Comparative Study of FDI-Oriented Industrial Policy in Ethiopia, South Korea and Taiwan  
Jostein Hauge (University of Cambridge)

Going Global, a Blessing or Blessing in Disguise for Emerging Markets Firms  
Suleiman Ally Kayita (Economist: Inspire Consultants Limited)

The Resource-Advantage (R-A) Theory Perspective on the Geographical Indications (GIs) Debate  
Pelin Bicen (Suffolk University)

Liberalization and Legitimacy: Relationship Formation in A Newly Liberalized Market  
Ningzi Li (University of Colorado Boulder)  
Abdullah Shahid (Cornell University)

Globalization and the Returns to Coasean Work: Evidence from Mexico  
Aashish Mehta (University of California-Santa Barbara)

## **4E: The Impacts of Innovation on Workers (I&E) Belle Meade B**

Chair: Christophe Combemale (Carnegie Mellon University)

Not all Technological Change is Equal: Disentangling Labor Demand Effects of Automation and Parts Consolidation

Christophe Combemale (Carnegie Mellon University)  
Kate S. Whitefoot (Carnegie Mellon University)  
Laurence Ales (Carnegie Mellon University)  
Erica R.H. Fuchs (Carnegie Mellon University)

Front-line Professionals in the Wake of Increased Digital Scrutiny: Examining the Paradox of Public Accountability  
Arvind Karunakaran (McGill University)

Using Workforce Inter-Personnel Diversity within Talent Management Systems for Improved Employee Productivity  
Claretha Hughes (University of Arkansas)

Integrating Human Resource Development and Technology Innovation through Collaborative Efforts between HRD and Information Systems Industry Experts  
Claretha Hughes (University of Arkansas)

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Saturday, June 1

**4F: Emerging Labor Relations Patterns in an Industry Studies Context (LMO&ER)**

Chair:

**Belle Meade C**

A Comparative Analysis of Adjunct Faculty Collective Bargaining Agreements

Clifford Donn (Le Moyne College)  
Brenda J. Kirby (Le Moyne College)

Institutional Legacies, Union Power, and Organizational Restructuring in Healthcare

Rosemary Batt (Cornell University)  
John Kallas (Cornell University)  
Eileen Appelbaum (Center for Economic and Policy Research)

Are Worker Management Committees Improving Factory Conditions? A Study of Participation Committees in ILO's Better Work Factories

Mahreen Khan (Massachusetts Institute of Technology)

Partnership in Education: The Underexplored but Crucial Role of Principals as Middle Managers

Justin Vinton (Rutgers University)

**4G: Uncovering How Uncertainty Shapes Performance in the Energy Industry (EP&S)**

Chair: Guy Holburn (Western Ontario)

**Belle Meade D**

Distilling the Interplay between Corporate Carbon Management, Finance and Carbon Performance

Olawale Ogunrinde (George Washington University)  
Ekundayo Shittu (George Washington University)  
Kanwalroop K Dhanda (Sacred Heart University)

Soft Costs and Knowledge Pathways in the US Solar Photovoltaic Ecosystem

Doug Hannah (University of Texas at Austin)  
Erik Funkhouser (University of Texas at Austin)  
Varun Rai (University of Texas at Austin)

Meta-Analysis of Emerging Models of Food, Energy and Water Systems: What Do the Models Tell Us?

Dor Hirsh Bar Gai (George Washington University)  
Ekundayo Shittu (George Washington University)

**INDUSTRY STUDIES ASSOCIATION AWARDS LUNCHEON**

**11:45 am – 1:30 pm**

**Magnolia Ballroom**

**PANEL SESSION FIVE 1:30 pm—3:15 pm**

**5A: The Past and Future of Industrial Policy in the United States**

**Davidson A**

Chair: Andrew Reamer (George Washington University)

Panelist: Chris Griswold (U.S. Senate Committee on Small Business and Entrepreneurship)

Panelist: John Paul MacDuffie (University of Pennsylvania)

Panelist: Liz Reynolds (Massachusetts Institute of Technology)

The Senate Small Business Committee, chaired by Senator Marco Rubio (R-FL) issued a report on “Made in China 2025 and the Future of American Industry” in 2018. The report covers a set of 10 industries and calls for a more active federal role in supporting them. It provides an opportunity to reflect on the U.S. industrial policy debate of the 1980s, which led to the establishment of Industry Studies, as well as the ongoing discussion of China and international industrial competition more broadly.



## 5B: The Dynamics of New Product Development (I&E)

Belmont A

Chair: Raja Roy (New Jersey Institute of Technology)

Co-Evolution of Socio-Economic and Technological Bottlenecks in the Genesis of the Space Shuttle  
Raja Roy (New Jersey Institute of Technology)

The Pre-Commercialization Emergence of the Combination of Product Features in the Charge-Coupled Device Image Sensor

Raja Roy (New Jersey Institute of Technology)  
Curba Lampert (Florida International University)  
MB Sarkar (Temple University (posthumously))

When the Going Gets Tough: New Venture Legitimacy Buffering to Mitigate Product Development Failure

Amrita Lahiri (Washington State University)  
Arvin Sahaym (Washington State University)  
Chandresh Baid (Washington State University)  
Greg Fisher (Indiana University)

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## 5C: From the Creative Class to Creative Placemaking: Cultural Development in Cities (GIS)

Chair: Alexandre Frenette (Vanderbilt University)

Belmont C

Social Networks and the Career Outcomes of Arts Alumni

Nathan Martin (Arizona State University)  
Alexandre Frenette (Vanderbilt University)

A Social Map of Music Row: Collaboration Networks and Career Maintenance in the Country Music Industry

Rachel Skaggs (Vanderbilt University)

From Music City to Culture Terraforming

Jonathan Wynn (University of Massachusetts Amherst)

The Rise of Creative Placemaking: Cross-sector Collaboration as Cultural Policy in the United States

Alexandre Frenette (Vanderbilt University)

## 5D: Financial Capital for Business and Technology Development (I&E)

Belle Meade A

Chair: Lucy Xiaolu Wang (Cornell University)

Founders' Commitment and Firm Financing: Multiple "Skins in the Game" as a Signal to Investors

Aleksandar Giga (University of Southern California)

Fluid Coordination Dynamics in Angel Investor Networks

Suho Han (Syracuse University)  
Melissa Graebner (University of Texas at Austin)

Business Incentives, Employment, and Entrepreneurship

Abraham Song (George Mason University)

Mapping the "Valley of Death": Managing Selection and Technology Advancement in NASA's Small Business Innovation Research Program

Andrea Belz (University of Southern California)  
Fernando Zapatero (University of Southern California)  
Richard Terrile (California Institute of Technology and Jet Propulsion Laboratory)  
Michael Kawas (University of Southern California)  
Aleksandar Giga (University of Southern California)

Financialized Corporations in a National Innovation System: The US Pharmaceutical Industry

Öner Tulum (School of Oriental and African Studies, London)

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# Saturday, June 1

## 5E: Shaping Labor Market Outcomes for Regions, Firms, and Employees (LMO&ER)

Chair: Samantha Conroy (Colorado State University)

**Belle Meade B**

Multilayered Labor Contracting and Distribution of Power: Evidence from Employment Records for Non-standard Work

Hye Jin Rho (MIT / Center for Economic and Policy Research)

Occupational Licensure, Collective Legitimacy, and Entrepreneurial Entry

Roman Galperin (Johns Hopkins University)

Exploring the Career Profile of Middle Skill Advanced Manufacturing Students and Professionals for Advancing Regional and Organizational Workforce Development

Kristin Frady (Clemson University)

Claretha Hughes (University of Arkansas)

Karen High (Clemson University)

Regional Occupation Characteristics and Economic Resilience

Rui Yan (Indiana University)

Timothy Slaper (Indiana University)

## 5F: Markets, Institutions, and Economic Performance (GIS)

**Belle Meade C**

Chair: Michael Maffie (Penn State)

Impact of Economic Factors on US Textile Production

Erin Parrish (East Carolina University)

Product Choice Under the Restriction of Quotas: The Impact of Horizontal Mergers in China's Cigarette Industry

Xi Bai (Clemson University)

Firm Performance under Government Ownership and Control: Evidence from U.S. Government Intervention in Chrysler and General Motors following the 2008 Financial Crisis

Kartik Rao (Western University)

Guy Holburn (Western University)

Adam Fremeth (Western University)

## 5G: Assessing Policy Responses to Labor Market Challenges (LMO&ER)

**Belle Meade D**

Chair: Peter Berg (Michigan State University)

International Migration of Health Care Professionals and its Impact on the National Health Care Systems: The Case of the UK and Hungary amid EU Enlargement and Brexit

Patrik Nordin (University of Tampere)

Flexible Responses? Unstable Work Schedules and Part Time Work Wage Penalties—A Contrast by Industry

Lonnie Golden (Penn State University (Abington))

Workforce Aging and Human Capital Flows in Organizations: A Comparative Study of Germany and the United States

Peter Berg (Michigan State University)

Matt Piszczek (Wayne State University)

**BREAK 3:15 pm—3:45 pm**

**Magnolia Mezzanine**



# Saturday, June 1

## PANEL SESSION SIX 3:45 pm—5:30 pm

### **6A: U.S. Employment Consequences of Autonomous Vehicles: Future Scenarios for Trucks and Cars (GIS)** **Davidson A**

Chair: John Paul MacDuffie (University of Pennsylvania)

Driverless? Autonomous Trucks and the Future of the American Trucker  
Steve Viscelli (University of Pennsylvania)

Truck Driving Jobs: Are They Headed for Rapid Elimination?  
Maury Gittleman (U.S. Bureau of Labor Statistics)  
Kristen Monaco (U.S. Bureau of Labor Statistics)

High Turnover in Long Distance Truck Load (TL) Motor Freight: Is it a Driver Shortage and Will Autonomous Trucks Fix it?  
Stephen V. Burks (University of Minnesota Morris)  
Kristen Monaco (Bureau of Labor Statistics)  
Arne Kildegaard (University of Minnesota Morris)

Preparing U.S. Workers and Employers for an Autonomous Vehicle Future  
Erica L. Groshen (Cornell University)  
Susan Helper (Case Western University)  
John Paul MacDuffie (University of Pennsylvania)  
Charles Carson (Department of Labor)

### **6B: The Microgeographies of Innovation and Entrepreneurship (I&E)** **Belmont A**

Chair: Li (Kerry) Fang (Florida State University)

When Industry Diversity Meets Walkability: An Analysis of Firm Innovation in Baltimore City, USA and Melbourne City, Australia  
Li Fang (Florida State University)  
Fujie Rao (University of Melbourne)

Small Business Insights from America's Inner Cities  
Howard Wial (Initiative for a Competitive Inner City)

Microclimates of Biomedical Innovation and Entrepreneurship  
Gregory Theyel (California State University)

Organizational Metaphors and Ecosystem Constitution  
William Benton (Virginia Commonwealth University)

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### **6C: Strategic Analysis and Response Across Industries: From Cultural Districts to 3D Printing to Rail to Banks (GIS)** **Belmont C**

Chair: Hiram Samel (Massachusetts Institute of Technology)

Analytical Tools and the Practices of Validation in the Production of Strategic Analysis  
Callen Anthony (New York University)

Competitive Action Repertoires and Firm Performance: The Evolving Role of Stakeholders and Competitors over the Industry Life Cycle  
Brian Fox (Bentley University)  
David Souder (University of Connecticut)  
Zeki Simsek (Clemson University)

Powertrain Sourcing in the Automobile Industry—The Role of Scale and Geography in North America  
James Rubenstein (Miami University)  
Thomas Klier (Federal Reserve Bank of Chicago)





# Saturday, June 1

## 6D: The Innovation Dynamics of Technology Clusters (I&E)

Belle Meade A

Chair: Andrew Reamer (George Washington University)

The Temporal Dynamics of Industry Clusters and Firms' Technological Innovation  
Min Jung Kim (University Of Minnesota)

Localized vs Global Learning: Exploring Knowledge Acquisition Processes in the Solar Photovoltaic Balance-of-Systems (PV BOS) Industry  
Xue Gao (The University of Texas at Austin)  
Varun Rai (The University of Texas at Austin)

The Localization of MNEs' Global Production Networks and the Changing Geography of Research and Innovation: The Case of Toronto's Technology Cluster  
Steven Denney (University of Toronto)  
David Wolfe (University of Toronto)

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## 6E: Emerging Technologies and Dominant Design (LMO&ER)

Belle Meade B

Chair: David McIntyre (Providence College)

Are On-Demand Platforms Winner-Take-All Markets?  
David Keith (Massachusetts Institute of Technology)  
Hazhir Rahmandad (Massachusetts Institute of Technology)

Can They Save the Firm from Itself? Learning from Failure and the Role of Star Scientists in Organizations  
Amrita Lahiri (Washington State University)  
Danny Tzabbar (Drexel University)  
Warren Boeker (University of Washington)  
Donghwi Seo (Drexel University)

Decision Right Allocation and Platform Market Effectiveness: Evidence from online P2P Lending  
Anparasan Mahalingam (Purdue University)  
Tony Tong (University of Colorado Boulder)

## 6F: Orchestrating Performance in Complex Supply Networks (SNO&EM)

Belle Meade C

Chair: Benn Lawson (University of Cambridge)

Building a Supply Network for a Large-Scale Nuclear New Build Project: The Importance of Contract Design Changes During the Negotiation Process  
Jens Roehrich (University of Bath)  
Beverly Tyler (North Carolina State University)  
Jas Kalra (University of Bath)  
Brian Squire (University of Bath)

Orchestration Supply Networks To Deliver Megaprojects  
Jas Kalra (HPC Supply Chain Innovation Lab, School of Management, University of Bath)  
Jens Roehrich (HPC Supply Chain Innovation Lab, School of Management, University of Bath)  
Brian Squire (HPC Supply Chain Innovation Lab, School of Management, University of Bath)  
Andrew Davies (School of Construction and Project Management, University College London)

The Relationship Between Environmental and Quality Performance in the Pharmaceutical Industry  
John Gray (The Ohio State University)  
Christian Blanco (The Ohio State University)  
In Joon Noh (The Ohio State University)

Sessions conclude at 5:30 pm



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