



# Conference in Brief

## LOCATION

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

*ORDER OF SESSIONS SUBJECT TO CHANGE*

## REGISTRATION

Thursday, May 30: 5:00 p.m. — 7:00 p.m., Location TBD

Friday, May 31: 7:00 a.m. — 4:00 p.m., Location TBD

Saturday, June 1: 7:00 a.m. — 12:00 p.m., Location TBD

## THURSDAY MAY 30, 2019

2:30 p.m. — 5:30 p.m.	Excursion TBD
12:00 p.m. — 5:00 p.m.	Professional Development Luncheon & Workshop
6:00 p.m. — 7:00 p.m.	Welcome Reception

## FRIDAY MAY 31, 2019

8:00 a.m.— 9:30 a.m.	Welcome and Plenary I: The Cultural Evolution of ‘Music City’
10:00 a.m.— 11:45 a.m.	Concurrent Sessions 1A—1F
11:45 a.m.— 1:30 p.m.	Business Meeting Luncheon
1:30 p.m.— 3:15 p.m.	Concurrent Sessions 2A—2F
3:45 p.m.— 5:30 p.m.	Concurrent Sessions 3A—3D
5:30 p.m.	Sessions conclude
6:00 p.m.—7:00 p.m.	Industry Studies Conference Reception

## SATURDAY June 1, 2019

8:00 a.m.— 9:30 a.m.	Plenary II: TBD
10:00 a.m.— 11:45 a.m.	Concurrent Sessions 4A—4F
11:45 a.m.— 1:30 p.m.	Awards Luncheon
1:30 p.m.— 3:15 p.m.	Concurrent Sessions 5A—5E
3:45 p.m.— 5:30 p.m.	Concurrent Sessions 6A—6F
5:30 p.m.	Adjourn

## Room Locator

TBD



# 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.

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# 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: TBD

2:30 p.m. — 5:30 p.m. Pre-registration required

### PROFESSIONAL DEVELOPMENT WORKSHOP

12:00 p.m. — 1:00 p.m. *Luncheon*      Location

1:00 p.m. — 5:00 p.m. *Workshop*      Location

### ISA BOARD MEETING (board members only)

1:00 p.m. — 5:00 p.m.      Location

### INDUSTRY STUDIES CONFERENCE WELCOME RECEPTION

6:00 p.m. — 7:00 p.m.      Water's Edge

## Conference Program: Friday, May 31

### WELCOME BY THE ISA PRESIDENT | Chip Hunter

#### PLENARY I

8:00 a.m. — 9:30 a.m.      Magnolia Ballroom

**BREAK** 9:30 a.m. — 10:00 a.m.





Friday, May 31  
8:00—9:30 a.m.

## 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 a.m.

## 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)



Friday, May 31

**PANEL SESSION ONE 10:00 a.m.—11:45 a.m.**

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

**Location**

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 (MIT)  
Sergey Naumov (MIT)  
Hannah Rakoff (U.S. Department of Transportation)  
Lars Sanches (MIT)  
Anuraag Singh (MIT)

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

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

**Location**

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 School of Medicine)  
Ingrid Nembhard (The Wharton School of the University of Pennsylvania)  
Gerald Kane (Boston College Carroll School of Management)

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)

## Location

Chair: Pamela Adams (Seton Hall University)

The Military's Role in Fostering Innovation in the Commercial Drone Industry

Katrin Smolka (Warwick Business School, University of Warwick)

Pursey Heugens (Rotterdam School of Management, Erasmus University)

How a problem-solver's distance lead to innovation

Ademir Vrolijk (The George Washington University)

Zoe Szajnfarber (The George Washington 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 Medical School)

Vices and Donations: Racehorse Betting Donations as Solution to Industry Decline

Darcy Fudge Kamal (Chapman University)

*Sponsored by the Ewing Marion Kauffman Foundation*

## 1D: Examining technology and product transformation: Insights from the music, piano and rubber industries (GIS)

## Location

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)

Regional Rebound: The Fall and Rise of Innovative Clusters in Akron, Ohio (1909-2009)

Jonathan Palmer (Harvard Business School)

Balancing Continuity and Change: 150 years of Steinway and M. Steinert & Sons

Mary Tripsas (Boston College)

Elizabeth Altman (University of Massachusetts, Lowell)

Managing "Planned" Chaos in Regional Clusters

Sam Cole (University at Buffalo)

## 1E: Knowledge generation and flow (TM)

## Location

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 (NYU Stern)

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)





Friday, May 31

**1F: Changing and matching persons and roles: CEO, brokers, third party evaluators, and frontline workers (GIS)** **Location**

Chair:

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

Brokering Alteration: A Study of Venture Capital Law Firms that Modify Broker Roles from Mediators to Matchmakers in Venture Financing  
Kwangjun An (McGill University)

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, Booth School of Business)

**BUSINESS MEETING AND LUNCH**

**11:45 a.m.—1:30 p.m.**

**Magnolia Ballroom**

**PANEL SESSION TWO 1:30 p.m.—3:15 p.m.**

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

**Location**

Chair: Joel West (The Claremont Colleges)

Linking vertically related industries: Entry by spinouts across industry boundaries  
Pamela Adams (Seton Hall University, Stillman School of Business)  
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 (USC Viterbi School of Engineering)  
Sara Gong (USC Dornsife College of Letters, Arts and Sciences)  
Fernando Zapatero (USC Marshall School of Business)

Non-traditional Datasets for Research on Entrepreneurship  
Andrew Reamer (George Washington University)

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## 2B: Managing Healthcare Workspaces (H)

### Location

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)

Specialize or Diversify? The Role of Organizational Focus and Complexity of Care in Healthcare Market

Sarang Sunder (Texas Christian University)

Sriram Thirumalai (Texas Christian 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 (NYU Stern School of Business)

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

### Location

Chair: Adam Fremeth (Ivey Business School, Western Ontario)

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 Dedrick (Syracuse University)

Elizabeth Krietemeyer (Syracuse University)

Ehsan Sabaghian (Syracuse University)

Tarek Rakha (Georgia Tech)



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

## Location

Chair:

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)

## 2E: The evolution of supply networks: Evidence from the agricultural and automotive industries (SNO&EM)

## Location

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 Srai (University of Cambridge)

Exploring the trends and challenges in agricultural supply chains  
Canberk Ucel (The Wharton School)  
John Paul MacDuffie (The Wharton School)  
Marshall Fisher (The Wharton School)

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)



Friday, May 31

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

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)

When it is good to be bad: Rewarding deviance in marijuana markets

Cyrus Dioun (University of Colorado Denver)

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 p.m.—3:45 p.m.**

**PANEL SESSION THREE 3:45 p.m.—5:30 p.m.**

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

To be announced

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

**Location**

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 School of Engineering and Applied Sciences)





Friday, May 31

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

Chair: Amrita Lahiri (Washington State University)

**Location**

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)

*Sponsored by the Ewing Marion Kauffman Foundation*

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

Chair: Joel Cutcher-Gershenfeld (Brandeis University)

**Location**

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)

**3E: Generating new knowledge through ecosystem and the internet of things (TM)**

Chair: Raja Roy (New Jersey Institute of Technology)

**Location**

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)

Location

Chair: Ingrid Nembhard (The Wharton School, 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 Mailman School of Public Health)  
Ingrid Nembhard (The Wharton School, University of Pennsylvania)  
Paul Cleary (Yale School of Public Health)

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)

Location

Chair: Andrew Stettner (The Century Foundation)

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 (Great Cities Institute, 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 (MIT Sloan School of Management)  
Katherine Kellogg (MIT Sloan School of Management)

## INDUSTRY STUDIES CONFERENCE RECEPTION

5:30 p.m.—7:00 p.m.

Crystal Gazebo



# Saturday, June 1

## PLENARY II

8:00 a.m.—9:30 a.m.

Magnolia Ballroom

**BREAK** 9:30 a.m.—10:00 a.m.

**PANEL SESSION FOUR** 10:00 a.m.—11:45 a.m.

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

Location

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 Cooperation

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)

Location

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) Location**

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) Location**

Chair:

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 (Institute for Manufacturing, 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) Location**

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)

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# Saturday, June 1

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

Chair:

Location

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 (MIT Sloan School of Management)

Partnership in Education: The Underexplored but Crucial Role of Principals as Middle Managers  
Justin Vinton (Rutgers School of Management and Labor Relations)

## 4G: Uncovering how uncertainty shapes performance in the energy industry (EP&S)

Chair: Guy Holburn (Ivey Business School, Western Ontario)

Location

Distilling the Interplay between Corporate Carbon Management, Finance and Carbon Performance  
Olawale Ogunrinde (The George Washington University)  
Ekundayo Shittu (The 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 (The George Washington University)  
Ekundayo Shittu (The George Washington University)

## INDUSTRY STUDIES AWARDS LUNCHEON

11:45 a.m. – 1:15 p.m.

Magnolia Ballroom

**BREAK** 1:15 p.m.—1:30 p.m.

**PANEL SESSION FIVE** 1:30 p.m.—3:15 p.m.

## 5A: Idea Incubator

To be announced



# Saturday, June 1

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

Location

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)

Location

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)

Creative Careers in Culture Capitals: Benefits and Challenges

Timothy J. Dowd (Emory University)

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

Location

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 (USC)  
Fernando Zapatero (USC Marshall School of Business)  
Richard Terrile (California Institute of Technology and Jet Propulsion Laboratory)  
Michael Kawas (USC Dornsife School of Economics)  
Aleksandar Giga (USC Viterbi School of Engineering)

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)

**Location**

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

Hye Jin Rho (MIT Sloan School of Management / 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 ()

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

**Location**

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 Economics Department)

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 (Ivey Business School, Western University)

Guy Holburn (Ivey Business School, Western University)

Adam Fremeth (Ivey Business School, Western University)

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

**Location**

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 p.m.—3:45 p.m.**



# Saturday, June 1

## PANEL SESSION SIX 3:45 p.m.—5:30 p.m.

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

Chair: John Paul MacDuffie (University of Pennsylvania)

Driverless? Autonomous Trucks and the Future of the American Trucker  
Steve Viscelli (Kleinman Center for Energy Policy, U. 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 (Division of Social Science, University of Minnesota Morris)  
Kristen Monaco (Office of Compensation and Working Conditions, Bureau of Labor Statistics)  
Arne Kildegaard (Division of Social Science, University of Minnesota Morris)

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

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

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: Managing Technology: Organizational Responses to New Technologies at Work (LMO&ER)**

Chair: Adam Seth Litwin (Cornell University) **Location**

Industry 4.0, Work and Works Councils in the German Manufacturing Sector  
Thomas Haipeter (University of Duisburg-Essen, Institute Work, Skills and Training)

Reskilling or Robocalypse?: Workers and Automation in Ohio Manufacturing Firms  
Anna Waldman-Brown (MIT)

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





# Saturday, June 1

## **6D: Strategic analysis and response across industries: From cultural districts to 3D Printing to rail to banks (GIS)** **Location**

Chair: Liz Reynolds (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)

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

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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## **6F: Emerging technologies and dominant design (LMO&ER)** **Location**

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  
Anparasani Mahalingam (Purdue University)  
Tony Tong (University of Colorado Boulder)



# Saturday, June 1

## 6G: Orchestrating performance in complex supply networks (SNO&EM)

Location

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 p.m.**



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