

2024
Industry Studies Association
Annual Conference
June 13-15



~WELCOME~

Tonya Boone, President of the Industry Studies Association

On behalf of the Industry Studies Association (ISA) board and the conference planning team, we welcome you to Sacramento and our 2024 Annual Conference. Welcome to Sacramento.

Tonya Boone
President, ISA



Conference in Brief

LOCATION

Sacramento State
6000 J St.
Sacramento, CA 95819

REGISTRATION

Thursday, June 13	7:00 am — 5:30 pm	Tahoe Hall
Friday, June 14	7:30 am — 3:00 pm	Tahoe Hall
Saturday, June 15	7:30 am — 9:00 am	Alumni Center

WEDNESDAY, June 12, 2024

1:30 pm—3:30 pm ISA Board Meeting

THURSDAY, June 13, 2024

7:30 am – 11:30 am	Excursion 1: Siemens Mobility Tour
12:00 pm—2:15 pm	Professional Development Workshop
1:00 pm – 2:00 pm	Excursion 2: Sac State Sustainability Tour
2:30 pm	ISA Annual Conference Begins
2:30 pm —3:45 pm	ISA Special Session: Past and Future of the Semiconductor Industry
4:00 pm — 5:00 pm	ISA Research Sessions Concurrent Panel Sessions
5:30 pm—7:30 pm	ISA Welcome Reception Opening Speaker

FRIDAY June 14, 2024

8:00 am — 9:15 am	Opening Plenary: California’s Air Resource Board (CARB) and Where We Stand in the Electrification Transition
9:30 am — 10:30 am	ISA Research Sessions Concurrent Panel Sessions
10:45 am—11:45 am	ISA Research Sessions Concurrent Panel Sessions
12:00 pm — 1:00 pm	Lunch & ISA Business Meeting
1:15 pm — 2:15 pm	ISA Special Sessions Two Options, Your Choice
2:30 pm — 3:30 pm	ISA Research Sessions Concurrent Panel Sessions
3:45 pm — 5:00 pm	ISA Special Session: Economics and Policy of the Pharmaceutical Industry
5:30 pm — 7:00 pm	Optional Old Town DOCO Evening not hosted led by Darcy Fudge Kamal, Conf. Chair

SATURDAY June 15, 2024

8:00 am — 9:15 am	ISA Research Sessions Concurrent Panel Sessions
9:15 am — 10:30 am	ISA Plenary: Sustainability and Wellbeing: A Dialogue Across Disciplines
10:45 am — 11:45 pm	ISA Research Sessions Concurrent Panel Sessions
12:00 pm — 1:00 pm	Lunch and ISA Awards Ceremony
1:00 pm	Adjourn
2:00 pm—7:00 pm	Excursion 3: Farm to Fork



Conference Map



Industry Studies Association Awards

Join us Saturday June 15th at the Awards Ceremony as we recognize all awardees.

Conference Best Paper in the Innovation and Entrepreneurship Research Stream Award

WINNING PAPER

Demand-Driven Innovation and Spillover Effects on Adjacent Technological Domains: Evidence from Electric Vehicle Technologies

Jino Lu (University of Southern California)

RUNNER-UP

The Folding Effect: The Role of Reframed Distance in Organizational Search

Sukhun Kang (University of California – Santa Barbara)

Dissertation Award

WINNER

RUNNER-UP

Babbage Award

WINNER



Industry Studies Association Awards

Join us Saturday June 15th at the Awards Ceremony as we recognize all awardees.

Giarratani Rising Star Award

WINNER

Sharing Solutions without Spilling Secrets:
The Role of Technicians in the Diffusion of Knowledge at Innovation Frontiers

Danielle Bovenberg (Yale University)

RUNNER-UP (Tie)

Unpacking the Expat Gap:
Why and How Local Entrepreneurs Nonetheless Persist in Developing Countries Moral Markets
Diana Jue-Rajasingh (Rice University)

Ralph Gomory Best Industry Studies Paper Award

WINNING PAPER (Tie)

RUNNER-UP

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



Conference Program in Detail

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

1. **Energy, Power, & Sustainability (EP&S)**
2. **Health Care Delivery, Biotechnology, and Pharmaceuticals (H)**
3. **Innovation & Entrepreneurship (I&E)**
4. **Public Policy and Competitiveness: National, Regional, and Global (PPC)**
5. **Labor Markets, Organizations, & Employment Relations (LMO&ER)**
6. **Operations, Supply Chain, and Technology Management (OSTM)**
7. **General and Other Industry Studies (GIS)**
8. **Data Analytics & AI (AI)**

Conference Program: Thursday, June 13

EXCURSIONS: (pre registration required)

7:30 am – 11:30 am **Siemens**
1:00 pm – 2:00 pm **Sac State Sustainability**

PROFESSIONAL DEVELOPMENT WORKSHOP (pre registration required)

12:00 am – 2:15 pm *Workshop & Luncheon* **The Alumni Center**

ISA SPECIAL SESSION

2:30 pm – 3:45 pm **Past and Future of the Semiconductor Industry**

ISA RESEARCH SESSIONS

4:00 pm – 5:00 pm **See Program Details**



Conference Program: Thursday, June 13

INDUSTRY STUDIES CONFERENCE WELCOME RECEPTION

5:30 pm – 7:30 pm

**Terrace Suite, The Well,
(Gold LEED Certified Sustainable Building)**



Thursday, June 13

2:30—3:45 pm

Panelists' Bios

Special Session | Past and Future of the Semiconductor Industry

Room TBD.



Robert Leachman, is a Professor Emeritus of Industrial Engineering and Operations Research at the University of California at Berkeley. Dr. Leachman is the author of more than 90 technical publications concerning operations management and productivity improvement. He has supervised 39 PhD dissertations in the area. He also is President and CEO of Leachman and Associates LLC, a firm providing consulting and software for supply chain and operations management to corporations and governments world-wide. He received the AB degree in Mathematics and Physics, the MS degree in Operations Research and the PhD degree in Operations Research, all from U. C. Berkeley, and has been a member of the U C Berkeley faculty since 1979. From 1991 to 2003 Dr. Leachman was the Director of the Competitive Semiconductor Manufacturing (CSM) Program at U C Berkeley, a research project to benchmark performance and practices in semiconductor manufacturing world-wide. At the time, the CSM Program was the largest interdisciplinary research program at U C Berkeley, embracing 8 faculty and 25 graduate students from multiple engineering departments as well as business and economics. Dr. Leachman is a one-time winner and a two-time finalist in the Franz Edelman Award Competition, the most prestigious award from the Institute for Operations Research and the Management Sciences (INFORMS), as well as an INFORMS Fellow, recognizing his work to design and implement automated production planning and floor scheduling systems in the semiconductor industry.



Hassan Khan is a Senior Policy Advisor at the CHIPS Program Office (CPO). At CPO he is responsible for industry analysis and overall portfolio planning. Prior to joining the Department of Commerce, he worked in product operations at McKinsey (2018-2020) and Apple (2020-2022). Hassan received his PhD from Carnegie Mellon in Engineering and Public Policy where he received an NSF Graduate Research Fellowship for his work on the semiconductor industry's challenges at the end of Moore's Law. Prior to his graduate work Hassan was a process and integration engineer at Twin Creeks Technologies, a start-up developing a novel, flexible crystalline silicon solar cell. He received his BS in Chemical Engineering from UC Berkeley and is forever a Golden Bear.



Moderator: Elisabeth Reynolds holds a B.A. in government from Harvard, a Master's in Economics from the University of Montreal, and a Ph.D. from MIT's Department of Urban Studies and Planning. Liz is a Lecturer and Principal Research Scientist at MIT, focused on systems of innovation, regional economic development and industrial competitiveness. She recently served in the Biden Administration at the National Economic Council as Special Assistant to the President for Manufacturing and Economic Development from 2021 to October, 2022. In that capacity, she was engaged in many of the country's supply chain challenges as well as helped to develop the Biden Administration's manufacturing agenda and broader industrial strategy including around infrastructure, semiconductors and clean energy. She was Executive Director of the MIT Industrial Performance Center from 2010 to 2021 and co-led with Professors David Autor and David Mindell MIT's Task Force on the Work of the Future.



ISA SPECIAL SESSION

2:30 pm—3:45 pm

ROOM Alumni Center

Past and Future of the Semiconductor Industry

ISA RESEARCH SESSIONS 4:00 pm—5:00 pm

1A: Disruptive Technology and the Future of Work (LMO&ER | AI)

Room

Chair:

Developing the Sharing Economy Industry in Malaysia to Promote Economic Opportunities for the Base of the Pyramid

Tim Olsen* (Gonzaga University)

An Ecological Model of Task Disruption: Partial Automation of Jobs Through Artificial Intelligence and its Workplace Impacts

Arvind Karunakaran* (Stanford University), Matissa Hollister (McGill University), Lisa Cohen (McGill University)

Are Employee-Owned Firms Luddites? Effects of Ownership on Adoption of Robots and Employment after Adoption

FNU Adrianto* (University of Minnesota), Avner Ben-Ner (University of Minnesota), Ainhoa Urtasun (Public University of Navarre)

Betwixt A.I. and Humanity: Ensuing Workforce Development and Employment Relations

Larry Wigger* (University of Missouri-Kansas City)

1B: Funding Conditions & Venture Outcomes (E&I)

Room

Chair:

An Exploration for the Peer Effects in Accelerators: How Do Startups Benefit from the Networks of Peers in the Same Accelerator Cohort?

Joonho Oh* (University of North Carolina – Chapel Hill)

Crowdinvestor Reactions to Venture Sustainability:

Evidence from a Randomized Field Experiment
Anna Lukkarinen* and Riitta Katila (Stanford University)

Corporate Venture and Startup Survival

Susan Zhou* (Sacramento State)



Thursday, June 13

1C: Navigating the Crossroads: Data, AI, and the Ethical Quest for Equity in Healthcare (H | AI)

Room

Chair: Sadaf Ashtari (Sacramento State), Discussant: Xie (John) Heng (Sacramento State)

Panelists:

Kiran Mysore (Chief Data & Analytics Officer, Sutter Health)

Michael Valle (Chief Information Officer, Deputy Director, California Department of Healthcare Access and Information)

Roberth Cathey (Chief Data Officer, Vice President, Global Data Analytic Solutions, VSP Global)

Ajmal Aminee, (Director of Clinical Data, Analytics & BI Planned Parenthood Northern California)

4D: Social Equity and Environmental Sustainability (GIS)

Room

Chair:

A Comparative Analysis on the Corporate Social Responsibility Implementation: The Empirical Cases of Semiconductor and Finance Industry
Shih Hsin Chen* (National Yang Ming Chiao Tung University)

Global Universities Strategic Positioning for Internal and External Sustainability

Chinue Uecker* (LPI Consultants) and

Mythili Kolluru (College of Banking and Financial Studies)

Racial Equity in America's New Industrial Transformation

Howard Wial*, Miles Chandler, and Peter Eberhardt
(Initiative for a Competitive Inner City)

1E: Navigating Sustainability and Social Impact in Global Supply Chains (OSTM)

Room

Chair:

Sustainable Supply Chain Practices and Climate Change Mitigation Strategies for Transportation Industry Resilience
Sergey Ponomarov* (The Citadel)

Profitable Nitrogen Loss mitigation in the US Midwest Through Farm Management, New Policies and "Lean" Technologies
Canberk Ucel* (Bilkent University)

Exploring emerging market multinationals' internationalization and corporate social performance – from the linkage-leverage-learning framework

Yu-Yuan Shih* (National Taiwan Normal University) and Chih-An Lin (Fu Jen Catholic University)



Conference Program: Thursday, June 13

1F: Contested Ideas of ESG (EP&S) Room

Chair:

Universal Ownership: A Paradigm for the Polycrisis
Ellen Quigley* (University of Cambridge)

Big Ideas, Big Blinders: Paradigm Change in the Global Oil Industry
Scott McKnight* (University of Toronto)

Unpacking the "Expat Gap": Why and How Local Entrepreneurs Nonetheless Persist in Developing Countries'
Moral Markets
Diana Jue-Rajasingh* (Rice University)

ISA WELCOME RECEPTION – HOSTED BY SACRAMENTO STATE, COLLEGE OF BUSINESS **5:30 pm—7:30 pm** **Terrace Suite, The Well**

Meet in the Terrace Suite of the Well, one of Sacramento State's Gold LEED Certified Sustainable Buildings.



WELCOME BY THE ISA PRESIDENT | Tonya Boone

OPENING PLENARY | California's Air Resource Board (CARB) and Where We Stand in the Electrification Transition

8:00 am – 9:15 am Alumni Center

ISA RESEARCH SESSIONS

9:30 am – 10:30 am See Program Details

ISA RESEARCH SESSIONS

10:45 am – 11:45 pm See Program Details

ISA BUSINESS MEETING LUNCHEON

12:00 pm – 1:00 pm Alumni Center

ISA SPECIAL SESSIONS

1:15 pm – 2:15 pm Social Determinants of Health: Housing and Homelessness

1:15 pm – 2:15 pm University Ecosystems: CSU Innovation Resources

ISA RESEARCH SESSIONS

2:30 pm – 3:30 pm See Program Details

ISA SPECIAL SESSION | Economics and Policy of the Pharmaceutical Industry

3:45 pm – 4:45 pm Alumni Center

5:30 pm – 7:00 pm Old Town | DOCO Evening



Friday, June 14

8:00—9:15 am

Panelists' Bios

Opening Plenary | California's Air Resource Board (CARB) and Where We Stand in the Electrification Transition

Daniel Sperling, Blue Planet award-winning researcher and author from UC Davis, and Gil Tal, Professor of Environmental Science and Policy at UC Davis, will speak about the great promise of the electrification transition and the challenges ahead.

As a long-time member of California's Air Resource Board, Dan has been directly involved in the policy making that has influenced countless people through the adoption by 14 states of the air quality standards set by CARB. He will focus his comments on the progress and challenges around electrifying heavy duty trucking.

As the Director of the UC Davis EV Research Center, Gil has pioneered much of the early and current research on electric vehicle policy, travel behavior, and supply chain dynamics. He will focus his comments on electrifying the light duty vehicle sector.



Daniel Sperling, is the Distinguished Blue Planet Prize Professor of Civil Engineering and Environmental Science and Policy and founding Director of the Institute of Transportation Studies at the University of California, Davis. The Institute is staffed by over 150 faculty, staff, and student researchers.

Professor Sperling has been a leader in elevating the role of sustainability in the transportation community and transportation research, and bringing science to policy. He was appointed to the "automotive engineering" seat on the California Air Resources Board by Governors Arnold Schwarzenegger and Jerry Brown for 16 years, until early 2023, where he oversaw policies and regulations on climate change, low carbon fuels and vehicles, and sustainable cities. In 2024 he was selected to be Secretary General (with Professor Giovanni Circella) of the World Conference on Transportation Research Society, in 2015-16 he served as Chair of the Transportation Research Board (National Academies) and in 2013 he served as Chair of the California Fuel Cell Partnership.



Gil Tal holds a Ph.D. in Transportation Technology and Policy from UC Davis, and an M.A. in geography and environmental policy and planning from the Hebrew University in Jerusalem.

Dr. Tal's research focuses on electric vehicle policy, travel behavior, and EV supply chain dynamics. Specifically, Dr. Tal's research delves into the electrification of emerging mobility services and the integration of electric vehicles and automated vehicles in developed economies and the global south, with a keen focus on their significant impacts on the electric grid.



Moderator: John Paul MacDuffie, Professor of Management at The Wharton School, The University of Pennsylvania



ISA RESEARCH SESSIONS 9:30 am—10:30 am

2A: Facilitating Diverse & Inclusive Workplaces (LMO&ER)

Room

Chair:

Exploring the Nexus of Authentic Leadership, Emotional Leadership, and Psychological Safety: Enhancing DEI initiatives within Organizations

Cheryl Dowie,* Amaani Rauniar, Qing Cao, and Rupak Rauniar
(University of Houston)

Towards Trans-inclusive Workplaces: Does Board Age Diversity Matter?

Dwaipayan Roy* (University of Virginia) and
Yo-Jud Cheng (University of Virginia)

The Authenticity Dilemma in Making Prosocial Claims

Hyejun Kim* (HEC-Paris) and
Priyal Singh (Imperial College London)

CEO Activism: A Delicate Balancing Act. Towards A Multi-Level Theory of Stakeholder (Mis)Alignment

Josiane Zhang* and Benjamin Voyer (ESCP Business School London)

2B: Recent Advances in Batteries and Electric Vehicle (EP&S)

Room

Chair:

Power Play: Evaluating the Effect of Inflation Reduction Act Subsidies on Electric Vehicle Battery Technology Choices and Supply Chains

Anthony Cheng*, Erica Fuchs, and Jeremy Michalek (Carnegie Mellon University)

Designing the EV Battery Recycling Supply Chain in the United States

David Keith* (Melbourne Business School) and Sergey Naumov (Pennsylvania State University)

Moving Towards the Electrification of Medium- and Heavy-Duty Vehicles in the Inland Empire

Kimberly Collins,* Raffi Der Wartanian, and Yunfei Hou
(Leonard Transportation Center, California State University – San Bernardino)

The Critical Minerals Shortage: The Case of Ultramafic Nickel

Peter Warrian*, Anastasia Alksnis, Samuel Marcuson, and Mansoor Barati
(University of Toronto)



2C: Exploration & Market Entry (I&E)

Room

Chair:

'Where and how to play?' Corporate exploration and non-Knightian uncertainty

Anan Sheth* (Cal Poly – San Luis Obispo)

The Folding Effect: The Role of Reframed Distance in Organizational Search

Sukhun Kang* (University of California – Santa Barbara)

~~Where do firms come from? Knowledge relatedness and firm entry~~

~~Sung Hoon Lee* (NEOMA), Roberto Fontana (University of Pavia),
and Franco Malerba (Bocconi University)~~

2D: AI & People (I&E | AI)

Room

Chair:

How does Generative Artificial Intelligence Affect Entrepreneurial Teams?

Thien Dong* (Georgia Tech)

AI Investment, Employees Skills and Firm Performance

Marco Cucculelli* (UNIVPM) and Ali Shah (Università Politecnica delle Marche)

Pursuing a Few or Many: Startups' Market Entry in AI and the Role of Academic Founders

Florence Honoré* (University of Wisconsin-Madison), Shinjinee Chattopadhyay
(University of Illinois at Urbana-Champaign), and Shinjae Won
(University of Illinois at Urbana-Champaign)

Does Domain Human Capital Matter in AI Entrepreneurship? A Study of the
Chinese AI Medical Imaging Industry

Mingtao Xu* (Tsinghua University) and Natarajan Balasubramanian
(Syracuse University)



Friday, June 14

2E: Rethinking Supply Chains, New Players, New Strategies (OSTM)

Room

Chair:

Kingmakers: How South-East Asia and Mexico Are Reshaping the Post-Pandemic Supply Chain
Chenhui Zhang* (University of Chicago)

Upscaling supply chains: A case study on entrepreneurial firms in the plant-based meat industry
Tim Schlaich* (Kühne Logistics University),
Benn Lawson (Said Business School, Oxford), and
Kai Hoberg (Kühne Logistics University)

Convergence of Product, Production and Supply Chain Design Rules: Evidence from Pharmaceutical
Pre-Competitive Collaboration Networks
Tomas Harrington* (University of East Anglia),
Jagjit Singh Srani (University of Cambridge),
Nitin Joglekar (Boston University), and
Sriram Narayanan (Michigan State University)

Localization of Semiconductor Production: A Supply Chain Perspective
Shardul Phadnis* (Asia School of Business – MIT)

2F: Regional Patterns in Policymaking (PPC)

Room

Chair:

Elites and Economic Transformation: Explaining Subnational Divergence in Mexico
Seth Pipkin* (UC Irvine) and Alberto Fuentes (Georgia Institute of Technology)

Differentiating horizontal versus vertical agglomeration in regional manufacturing ecosystems
Nikhil Kalathil (Carnegie Mellon University)

Other People's Children: Racial Diversity and Community Support for Public Schools
Farzam Boroomand and Aseem Kaul (University of Minnesota)

Technology, supply chain and workforce development: how RTOs foster industrial competitiveness.
The case of digital manufacturing
Guendalina Anzolin* and Eoin O'Sullivan (Institute for Manufacturing, University of Cambridge)



ISA RESEARCH SESSIONS 10:45 am—11:45 am

3A: Human Capital and Organizational Outcomes (LMO&ER)

Room

Chair:

Sharing is Caring: Employee Stock Ownership Plans and Employee Satisfaction in U.S. Manufacturing

FNU Adrianto* (University of Minnesota), Avner Ben-Ner (University of Minnesota),
Jason Sockin (IZA), and Ainhoa Urtasun (Public University of Navarre)

Setting the Price: Gendered Self and Other Devaluation of Medical Services in Health Care

Pooria Assadi* (Sacramento State) and Shinjae Won
(University of Illinois at Urbana-Champaign)

Are Employer Training and General Education Substitutes or Complements?

Andrew Weaver* (University of Illinois – Urbana Champaign) and Hyejin Ko
(Korean Institute for Health and Social Affairs)

3B: ESG Innovation and Adaptation Strategies (EP&S)

Room

Chair:

Where do we go from here? Muddling through business adaptation to climate change

Kerrigan Unter (University of St. Gallen) and Jorge Rivera (George Washington University)

Circularity in the Making: Lessons for Equitable and Environmentally Sensitive Industrial Regeneration

Nichola Lowe (University of Minnesota), Sophie Kelmenson (UNC Chapel Hill), and
Greg Schrock (Portland State University)

Climate changes, flood disaster and its socio-economic impact on Pakistan

Malik Muhammad Aktar and Rabia Akhtar

(Balochistan University of Information Technology, Engineering and Management Sciences)

Empowering Community Wellbeing through Hydrogen Innovation: A Case Study of Southwestern Pennsylvania
Using a Modified Mental Models Approach

Iaona Jacob and Granger Morgan (Carnegie Mellon University)

3C: ESG Equity Energy and Engagement – Phasing in Industrial Strategy at the DOE (EP&S)

Room

Chair:

Panel



Friday, June 14

3D: Competition and Sustainability in Platform Ecosystems (I&E)

Room

Chair:

Ascribing Moral Motives: Examining Complementor Responses to Platform Governance Actions
Arvind Karunakaran* (Stanford University) and Joey Van Angeren (Vrije Universiteit Amsterdam)

Sustainable Entrepreneurship, Metastable Ecosystem
William Benton* (Virginia Commonwealth University)

Sword of Damocles: Coopetition Tension of Complementors and a Focal Platform
Elton Li-Yi* (University of Wisconsin-Madison) and Huiyang Dai
(Zhejiang University of Technology)

3E: How the Environment Shapes New Ventures (I&E)

Room

Chair:

Alignment and Divergence in Government and Private VCs: The Amplifying Role of Geopolitical Risks
Mingtao Xu* (Tsinghua University) and
Natarajan Balasubramanian (Syracuse University)

The Other Half: The Geography of Early-Stage Startup Equity
Florence Honoré* (University of Wisconsin-Madison), Jay Habegger (University of
Maryland), and Rajshree Agarwal (University of Maryland)

Can Adaptability be Imprinted? Early Environmental Shocks and Startup Outcomes
Sunasir Dutta* (University of Minnesota)

3F: The Impact of Automation: Efficiency, Hidden Costs, and Challenges (OSTM | AI)

Chair:

Room

Improved Medical Equipment Supply Chain Resilience Against Epidemic Outbreaks Using Automation
Chelsea White,* Kan Wang, Zhaonan Liu, Ben Wang (Georgia Tech), and
Eleftherios Iakovou (Texas A&M University)

Modeling the Hidden Labor Costs of Autonomous Vehicle Taxi Services
Leah Kaplan*, Lola Nurullaeva, and John Paul Helveston (George Washington University)

The Obstacles Of Digital Transformation In The Retail Industry, Using Taiwan's X-Store As An Example
Ching-Yan Wu* and Chun-Yao Fu (National Tsing Hua University)

AI Integration in Smart Buildings: A Patent Analysis for Technological Clustering
Kuo-Chen Wang* (National Central University), Rico Cho (Wispro Technology),
Lian Shen and Chieh-Ju Chou (National Central University),
Li-Ching Sung (National Taiwan Normal University)



Friday, June 14

3G: Healthcare System Improvement Across the Value Chain (H)

Room

Chair:

The cascading and (potentially) lingering impacts of protectionist industrial policies to international trade partners

Afonso Amaral*, M. Granger Morgan, Erica R.H. Fuchs (Carnegie Mellon University)

Hidden costs in international outsource manufacturing: An empirical study in the med-tech industry

Oliver von Dzengelevski* (ETH-Zurich), John Gray (Ohio State University),

Paul Beaudonnet and Torbjorn Netland (ETH Zurich)

The Role of Organization Design in Reconfiguring the Healthcare Ecosystem

Jenny Kuan* (California State University – Monterey Bay) and

Gwendolyn Lee (University of Florida)

ISA BUSINESS MEETING LUNCHEON

12:00 pm–1:00 pm

Alumni Center

ISA SPECIAL SESSIONS | TWO OPTIONS, YOUR CHOICE

1:15 pm–2:15 pm

Room

Social Determinants of Health: Housing and Livability in California

1:15 pm–2:15 pm

Room

CSU's Innovation Resources and University Ecosystem



Friday, June 14

1:15–2:15 pm

Panelists' Bios

Special Session | Social Determinants of Health: Housing and Livability in California

Learn about housing and livability issues from documentary makers behind the documentary "The Invisible Homeless". Watch the 21-minute film and hear from Arturo Baiocchi an expert on housing and the state of homelessness and livability in California.



Panelists' Bios

TBD.



Eric Anderson, As Executive Director of Real Estate in the CSU Chancellor's Office, Eric supports all 23 Cal State campuses in developing, soliciting and negotiating public-private partnerships and related campus-edge real projects. As it relates to academic-industry connectivity, this includes not just research commercialization, but also industry co-location opportunities to create pathways to employment and experiential learning opportunities for CSU's 460,000 students. Prior to joining CSU, Eric worked in private consulting, helping universities and other anchor institutions around the country similarly pursue campus-edge strategies and projects.



Orville Thomas, CEO of the California Mobility Center in November of 2023 and has immediately gotten to work trying to build a 25-acre clean energy, power, and zero-emission innovation campus in Sacramento. Raising funds for \$300 million project is the latest "big project" for Orville. In the last decade, he worked to get California's high-speed rail project to groundbreaking, helped pass the state's first gas tax increase in 20-years, and most recently, led the lobbying effort to reauthorize over \$2 billion in state funding for zero-emission infrastructure and zero-emission programs.



Vajra Watson, Senior Associate Vice-President, Placer Center, is a scholar-activist, faculty director, and professor of educational leadership and racial justice in the College of Education at Sacramento State University, Sacramento. Watson has over twenty years of experience as a teacher, community organizer and researcher. She is the founder of Sacramento Area Youth Speaks (SAYS), an award-winning program that pairs community-based poet-mentor educators and teachers together to develop grassroots pedagogies that reclaim and reimagine schooling. She is the solo-author of two books, *Learning to Liberate: Community-Based Solutions to the Crisis in Urban Education* (2012) and *Transformative Schooling: Towards Racial Equity in Education* (2018), and has published dozens of peer-reviewed journal articles and book chapters. Dr. Watson obtained her B.A. from UC Berkeley and holds two Master's Degrees from Harvard University in International Education and Teaching and Learning. She received her Doctorate in Administration, Planning, and Social Policy from the Graduate School of Education at Harvard University.



ISA RESEARCH SESSIONS 2:30 pm—3:30 pm

4A: Cognition and Behavior in Entrepreneurship & Innovation (I&E)

Room

Chair:

Emotional wellbeing: Understanding the role of entrepreneurs in AI-enabled machines
Amy Gresock* and Kira Leck (University of Pittsburgh)

Communication factors that influence entrepreneurs' wellbeing: Memorable messages, and peak experiences
Cheng Wang (Sacramento State)
Ryan Fuller (Sacramento State)

When and What to Conform to: Product Framing Strategies in the U.S. Small Drone Market
Dian Yu* (Northeastern University)

4B: Innovating Education: The Next Wave of University-Driven Entrepreneurial Ecosystems (I&E)

Room

Chair: Nathan Kim

Beyond Multinationals: The Critical Role of International Business Education for Small Business Success
Ken Chinen* (Sacramento State)

Cultivating Entrepreneurial Ecosystems in Higher Education: Collaborative Dynamics Among Students, Educators, and Community Partners
Jungyoon Jang* (Sacramento State)

Bridging Theory and Practice: The Role of Entrepreneurship Education Ecosystems in CSU Campuses
Jai Joon Lee* (Sacramento State)
Nathan Kim (Sacramento State)

4C: Organizing for Innovation (OSTM)

Room

Chair:

Open Devices and Slices: Evidence from Wi-Fi Equipment
Roberto Fontana* (University of Pavia),
Do Yoon Kim (Boston College), and
Shane Greenstein (Harvard Business School)

Semiconductor innovation portfolio management as a vehicle to next generation digitalization
Satu Lipponin* and Timo Seppälä (Aalto University)

Designing operations models to manage the customer-service system life-cycle: An analysis of service sustainment in the installment loan industry
Jeff Shockley* (Virginia Commonwealth University), Tobin Turner (Presbyterian College), Siaojin Liu, Jeffery S. Smith, and Brett J. Massimino (Virginia Commonwealth University)

Exploring the scale and scope of supply chain projects
Navod Liyanage* (Bath University)



4D: Industry Emergence Evolution and Analysis (GIS)

Room

Chair:

A New Dataset: Analyzing Public-company Industry Data from the SEC Financial Statement Dataset
Tim Olsen* (Gonzaga University)

Towards a risk-based view of the firm: Presenting an industry classification system developed bottom-up by clustering firms sharing similar risk profiles
Anan Sheth* (Cal Poly – San Luis Obispo)

Reactance and the Emergence of the Counter-Drone Industry
Almantas Palubinskas* (EM-Lyon) and Grégoire Croidieu (Emlyon Business School),

The emerging geography of electric vehicle production in North America: revolution or evolution
Thomas Klier* (Federal Reserve Bank - Chicago) and Jim Rubenstein (Miami University)

4E: Pushing the Boundaries in Biopharmaceutical Innovation (H)

Room

Chair:

Transformation of The Biotechnology and Pharmaceutical Industry in Taiwan
Shih Hsin Chen* (National Yang Ming Chiao Tung University)

Brand-Name versus Generic Drugs: An Empirical Study on Health Outcomes of Generic Atorvastatin Usage
Xinyu Liang*, Jun Li, and Ravi Anupindi (University of Michigan)

The Relative Effectiveness of Announced and Unannounced Inspections
Zachary Wright and John Gray* (Ohio State), George Ball (Indiana U), In Joon Noh (Korea U)

Benchmarking Synthetic Biology Product Development
Robert Leachman* (UC – Berkeley), Thomas Treynor (R2dio, Inc), and Taras Goral (UC – Berkeley)

4F: Modeling Approaches (EP&S)

Room

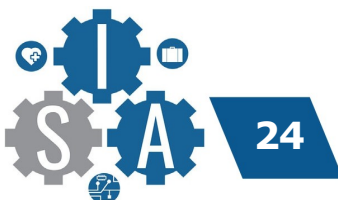
Chair:

Exploring User Perceptions and Adoption Challenges in Electric Vehicle Technology
Zahra Aivazpour* (Sacramento State)

Real Options in Oil Drilling: Added Returns versus Added Risk
Arkadiy Sakhartov* (University of Illinois – Urbana-Champaign)

What undermines environmental efficiency in developing economies? Exploring the influence of infrastructure development through transmission channel: A parallel mediation model
Maria Qayyum* (China Three Gorges University)

A pathway toward low carbon economy: Exploring the influence of smart urbanization on green sustainability
Mohammad Tayyab Sohail* (Xiangtan University)



4G: Integrating Environmental Justice into Sustainability Planning (EP&S) **Room**

Moderator: Anna Larson (Sacramento State, Sacramento County Climate Emergency Mobilization Task Force (CEMTF))

Panelists:

Kevin Head (Head, Sacramento County Climate Emergency Mobilization Task Force (CEMTF))

John Lundgren (Sustainability Manager, Sacramento County)

Elizabeth Castillo (California State University, San Bernardino)

Kimberly Collins (California State University, San Bernardino)

4H: China's Multi-Dimensional Advantage in Electric Vehicles (EP&S) **Room**

The Rise of Chinese Leadership in the Plug-In Electric Vehicle Industry
John Helveston* (George Washington University)

Technology and Production Choices in EV Battery Material Supply Chain
Anthony Cheng* (Carnegie-Mellon University)

Capabilities of Chinese OEMs in Battery Electric Vehicles: It's Not Just Industrial Policy
John Helveston (George Washington University)
John Paul MacDuffie* (Wharton)



Friday, June 14

3:45—4:45 pm

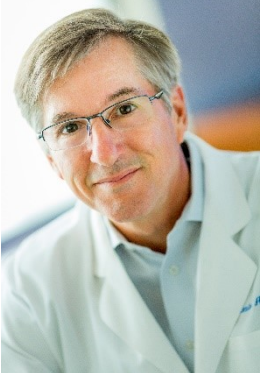
Special Session | Pharmaceutical Supply Chains Challenges and Policy Solutions

Panelists' Bios

The Biden Administration included pharmaceuticals as one of the four industries to focus on in 2021's "Executive Order on America's Supply Chains". There was also a congressionally mandated National Academies of Science, Engineering and Math (NAEM) report released in 2022 entitled "Building Resilience into the Nation's Medical Product Supply Chains." In spite of these efforts, drug shortages only seem to be increasing, recently reaching the highest levels in at least a decade. What is the problem? Why does this keep happening? What can be done? This plenary session will be moderated by incoming ISA president **John Gray**, who has studied pharmaceutical supply chains for years and recently finished a stint as a consultant at the White House working on this topic.



Dr. Z. John Lu (UCLA) is the director of the [UCLA Seminar on Pharmaceutical Economics and Policy](#), the longest running seminar of its kind in the country, which has hosted hundreds of speakers from academia, industry, regulatory agencies and investment community. Dr. Lu has published extensively in pharmaceutical economics, including a recently published major policy book: *Pharmaceutical Economics and Policy: Perspectives, Promises, and Problems* (co-authored with the late UCLA Professor Stuart Schweitzer; Oxford University Press, 2018). Prior to joining academia, Dr. Lu was a health economist in the biopharmaceutical industry for two decades. He spent nearly 17 years at Amgen where he led an interdisciplinary team on economic evaluation, drug value demonstration, and pricing. He also provided advice to public policymakers.



Dr. Kevin Schulman (Stanford) is a Professor of Medicine, Clinical Excellence Research Center (CERC) at the Stanford University School of Medicine, and, by courtesy, Professor of Operations, Information and Technology at Stanford's Graduate School of Business. He is the Faculty Director of Stanford's new applied degree program, the Master of Science in Clinical Informatics Management program. Dr. Schulman is a health economist/health services researcher working at the intersection of business, medicine and technology. With over 500 publications, he has had a broad impact on several areas of health policy. He is a graduate of Dartmouth College, the New York University School of Medicine, and The Wharton Health Care Management Program. He is Board Certified in Internal Medicine, and practices hospital medicine at Stanford Hospital.



Karen Van Nuys, PhD (University of Southern California) is the executive director of the Value of Life Sciences Innovation program and a senior fellow at the USC Schaeffer Center for Health Policy and Economics. Her recent research focuses on the pharmaceutical distribution system and the impact of intermediaries' business practices on drug utilization and cost. Her work has been published in leading economics, medicine, finance and health policy journals, and cited in congressional testimony and policy reports. Dr. Van Nuys has worked across industry and academia, including as an assistant professor at the University of Rochester and national fellow at the Hoover Institution, and as a management consultant at Booz Allen Hamilton. She received her PhD in economics from Stanford.

Meet conference chair Darcy Fudge Kamal and depart sustainably from University and 65th Light Rail station (next to Hampton Inn and Suites CSUS) at 5:30 pm or take an Uber/Lyft.

NIGHT OUT IN SACRAMENTO (OLD TOWN | DOCO)—ENCOURAGED

Dinner Recommendations:

Old Town:

Dine at the historic Firehouse Restaurant, built in 1853, and originally the home of the Sacramento No. 3 firehouse.

DOCO:

Grange Restaurant and Bar. High-end bar & eatery with a lofty feel preparing a farm-to-fork menu & seasonal craft cocktails.

Echo & Rig: Modern American surf 'n' turf spot with a butcher on site, offering craft beer.

Foundation Restaurant and Bar: Minimalist bar & eatery serving locally sourced, sustainable American seafood & steak dishes.

Bar Recommendations:

Old Town:

Last Stop Saloon. Saloon style bar serving Old Sacramento ice cold beer and tasty cocktails with a focus on Mezcal and Tequila.

Coin Op Game Room. Lively pub offering 40+ classic arcade games, a large beer selection & pizza by the slice or pie.

DOCO:

Revival. Swanky poolside lounge on the roof of The Sawyer hotel overlooking the Golden 1 Center offering craft cocktails & gourmet bar bites.

Pete's Restaurant and Brewhouse

Tipsy Putt

Punch Bowl Social

** Uber/Lyft back to campus from Old Town/DOCO**



Conference Program: Saturday, June 15

ISA RESEARCH SESSIONS

8:00 am — 9:00 am

Alumni Center

PLENARY | Sustainability and Wellbeing: A Dialogue Across Disciplines

9:15 am — 10:30 am

Alumni Center

ISA RESEARCH SESSIONS

10:45 am — 11:45 am

See Program Details

LUNCH and ISA AWARDS CEREMONY

12:00 pm — 1:00 pm

Alumni Center

CONFERENCE ADJOURNS

1:00 pm

FARM TO FORK EXCURSIONS

2:00 pm—7:00pm

*Meet at Alumni Center



Conference Program: Saturday, June 15

ISA RESEARCH SESSIONS 8:00 am—9:15 am

5A: Managerial Emotions and Incentives in Decision Making and Action (GIS) Room

Chair:

Firm-Specific Incentive Horizon: Evidence from Option Acceleration Decisions in the Technology and Precision Instrument Sectors

Dhvani Badwaik* (University of Rhode Island) and David Souder (University of Connecticut)

The positive effect of freeriding

Cheng Wang* and Ryan Fuller (Sacramento State)

Sensemaking as an emotional process: How managers make sense of an industrial strategy

Roossa Oinasmaa*, Jarmo Taskinen, and Antti Sihvonen (University of Jyväskylä)

Banking on Psychological Ownership? – Stabilizing the Banking Industry Through Psychological Ownership of Executives

Franziska Renz* (Sacramento State) and
Julian U. N. Vogel (San Jose State University)

5B: Innovative Search to Adaptation and Change (I&E) Room

Chair:

Adaptation to Technological Discontinuities: How Demand-side Disruptions Favor Incumbents

Grace Chang Liu (ETH Zurich), Roberto Fontana*
(University of Pavia & ICRIOS Bocconi University) and Franco Malerba (Bocconi University)

How Important Is Open-Source Science for Invention Speed?

Tan Tran* (ICD Business School) and Evens Salies (Sciences Po, OFCE)

You've Got Mail! The Late 19th Century US Postal Service Expansion, Firm Creation, and Firm Performance

Maria Roche* (Harvard Business School) and Astrid Marinoni (Georgia Institute of Technology)

5C: The Innovation Process (I&E)

Room

Chair:

Navigating Change: Insights for successful technology migration

Yoonhee Choi* and HoWook Shin (California State University, Long Beach)

Applying a Problem-Solving Perspective to Social Enterprise: Using Tesla as an Illustrative Case

Jenny Kuan* (California State University, Monterey Bay) and
John Tyler (Kauffman Foundation)

The process of designing the Martian helicopter Ingenuity

Raja Roy* (New Jersey Institute of Technology), Rahul Kapoor (University of Pennsylvania), J. Bob Bataram (NASA Jet Propulsion Laboratory)

5D: Modeling Innovation Ecosystems: Systemic Approaches to the Governance of Science and Technology in the Emerging Sectors (I&E) Room

Chair: Shih-Hsin Chen



Conference Program: Saturday, June 15

5E: ESG driving Location choices (EP&S)

Room

Chair:

Shifting landscapes: Impact of climate risk on MNEs' OFDI location decisions & the moderating role of network contingencies
Soni Jha* (Purdue University – Fort Wayne)

The Global Sourcing of Green Products
Heather Berry* (George Washington University), Jasmine Chauvin (Georgetown University),
Yuxi Cheng (University of Liverpool)

The Role of Customer Stakeholders and Income Disparities in Firm Sustainability Investments: The Case of Community Solar.
Carmen Weigelt* (Tulane) and Ekundayo Shittu (George Washington University)

5F: Novel Research Methods in Determining Policy Outcomes (PPC)

Room

Chair:

Cash Transfers and Nutritional Wellbeing: A Brazilian Case Study Using Machine Learning and a Social Determinants Framework
Fernanda Araujo Maciel* (Sacramento State)

Incorporating psychology in policy interventions for sustainable agriculture transformation: an experimental study
Nopparuj Chindasombatcharoen* and Mukesh Kumar (University of Cambridge)

Children Left Behind: Charter Schools and the Privatization of Public Education in the US
Farzam Boroomand* (University of Minnesota)

Mobilizing Firms for Climate Action: Paris Climate Agreement and Corporate Green Bond Issuance
Yifan Wei* (University of Manitoba), Kenneth Huang (National University of Singapore), and
Ya Gao (University of Manitoba)



Saturday, June 15

9:30—10:15 am

Panelists' Bios

Plenary | Sustainability and Wellbeing: A Dialogue Across Disciplines

- TBD



Moderator: Tonya Boone, Life of Virginia Professor and Chair, Operations and Information Systems Management, Mason Business School, William & Mary University



Charles Corbett, Professor of Operations Management and Sustainability; IBM Chair in Management, UCLA



Emiliana Simon-Thomas, Science Director, Greater Good Center, UC-Berkeley

Conference Program: Saturday, June 15

ISA RESEARCH SESSIONS 10:45 am—11:45 am

6A: Adaptation and Resilience in Healthcare Organizations (H) Room

Chair:

We Need an Expert! How Expertise on Boards Changes in Crisis
Sasmira Matta* (University of Pennsylvania)

Case Study Analysis - Cybersecurity Breach at Metropolitan Health Systems
Mishell Klatt* (Marymount University)

Opportunities for Augmentative AI in American Health Care
Adam Seth Litwin*, Deepa Kylasam Iyer, and Ayaj Rana (Cornell University)

6B: Location and Innovation (I&E) Room

Chair:

Not All "Best" Practices Are Created Equal: Access to Expert Knowledge and Practice Diffusion Among Smallholder Farmers in the Philippines
Canberk Ucel* (Bilkent University/INSEAD) and Natalie Carlson (University of Pennsylvania)

Innovation in Mexico: Insights derived from Patent Data?
Claudia Gonzalez-Brambila* (Instituto Tecnológico Autónomo de México), Ignacio Ponce and Silvia Gonzalez Brambila (Universidad Autónoma Metropolitana)

The effects of cross-border venture capital syndication on the isomorphism of the entrepreneurship ecosystem
Kwangwook Gang* (Salisbury University)

6C: Role of Knowledge and Technology Spillovers (I&E)

Room

Chair:

Sharing Solutions without Spilling Secrets: The Role of Technicians in the Diffusion of Knowledge at Innovation Frontiers
Danielle Bovenberg* (Yale University)

Spillover Effect of Technology Failures in Nascent Industries: LiDAR vs. Camera in Autonomous Vehicle Industry
Hee Yeul (Tom) Kwon* (University of Southern California)

Demand-Driven Innovation and Spillover Effects on Adjacent Technological Domains:
Evidence from Electric Vehicle Technologies
Jino Lu* (University of Southern California)



**6D: Social science research for the creation of a new offshore wind industry in the U.S. (EP&S)
Room**

Panel

DRAFT

Conference Program: Saturday, June 15

6E: Hornet Community Bus Tour: Forming Connected Community Partnerships for Livable Communities (GIS)

Room

Chair: Darcy Fudge Kamal (Sacramento State)

Panelists:

Erin Rose Ellison (Sacramento State)
Martin Ross (Health Education Council)
Patricia Parra (Health Education Council)
Bitá Rivas (Sacramento State)

6F: Industrial policy: transformative strategies or not? (PPC)

Room

Chair: Seth Pipkin

The Return to Industrial Policy

Ian Fletcher* (Coalition for a Prosperous America)

Who Gets to 'Build Back Better'? How Local Elites Secure Federal Resources

Seth Pipkin (UC-Irvine)*

China - Innovation, the State & the shift to becoming a clean energy superpower

Scott McKnight* (University of Toronto)

Facing the European Crisis: Sustainable Growth, Innovation, and Power in a Shifting Global Economy

Angela Garcia Calvo* (University of Reading)



ISA AWARDS CEREMONY LUNCHEON

12:00 pm — 1:00 pm

Alumni Center

Sessions Conclude at 1:00 pm

FARM TO FORK EXCURSIONS (Pre-registration required)

2:00 pm — 7:00 pm

*Meet at the Alumni Center

DRAFT

Industry Studies Association

BOARD OF DIRECTORS

President | **Tonya Boone** (William & Mary)

Vice President/President-elect | **John Gray** (The Ohio State University)

Treasurer | **Chelsea (Chip) White** (Georgia Institute of Technology)

Past President & Chief Fiscal Officer | **John Paul MacDuffie** (University of Pennsylvania)

Strategic Planning | **Chip Hunter** (Temple University)

Awards | **Mary Tripsas** (UC Santa Barbara)

ECDC | **Jeff Furman** (Boston University)

Policy Issues—Program | **Andrew Reamer** (George Washington University)

Program Co-Chair | **Darcy Fudge Kamal** (Sacramento State)

INDUSTRY STUDIES CONFERENCE COMMITTEE (ISCC)

Chair | **Darcy Fudge Kamal** (Sacramento State)

Tonya Boone (William & Mary), **John Paul Helveston** (George Washington University), **Hiram Samel** (Massachusetts Institute of Technology)

ANNUAL CONFERENCE PROGRAM COMMITTEE

Program Co-Chair | **Darcy Fudge Kamal**

Program Co-Chair | **Hiram Samel**

Track Chairs:

Tonya Boone (William & Mary), **Jeffrey Furman** (Boston University), **Dennie Kim** (University of Virginia), **Tashlin Lakhani** (Cornell University), **Benn Lawson** (Oxford University), **Cameron Millar** (Syracuse University), **Hiram Samel** (Massachusetts Institute of Technology), **Hans Rawhouser** (UNLV), **Mike Teodorescu** (University of Washington), **Richard Wang** (Babson College)

EARLY CAREER DEVELOPMENT COMMITTEE (ECDC)

ECDC Liaison (ISA Board) | **Jeff Furman** (Boston University)

ECDC PDW Chair |

ECDC PDW Committee |

AWARDS COMMITTEE

Mary Tripsas (UC Santa Barbara)

Thank you to all the reviewers and judges!



THANK YOU TO OUR SPONSORS!



SACRAMENTO STATE
COLLEGE OF BUSINESS



Carson College
of Business

WASHINGTON STATE UNIVERSITY

Interested in sponsoring the Industry Studies Association Annual Conference?

Contact John Paul MacDuffie @ isa@industrystudies.org



Join us for the
Industry Studies Association
Annual Conference
Boston/Cambridge - Hosted by MIT
June 4-6, 2025



www.industrystudies.org