



# WELCOME TO THE 9<sup>TH</sup> ATLANTA CONFERENCE ON SCIENCE AND INNOVATION POLICY!

We are pleased that you have made it a priority to attend the Atlanta Conference on Science and Innovation Policy 2023. It is wonderful to be back in person again with each other, after the break in the series brought on by the pandemic. Thank you in advance for your contributions and participation in this unique gathering of researchers from around the world.

This year we celebrate the 9<sup>th</sup> convening of the Atlanta Conference. It is exciting that our community has grown internationally and expanded the knowledge base for science, technology, and innovation policy. The next three days will feature over 150 presentations reporting the work of more than 168 researchers. Early career researchers will present their work in a lively poster session where they will have the opportunity for meaningful feedback. The conference offers a comprehensive look at the ways science and innovation policies are crafted, managed, and have impact on our economies, environment, and communities.

In addition to two stimulating plenary panels, our international lineup of presenters and speakers will address issues such as:

- ◇ National innovation strategies
- ◇ Innovation for sustainable development
- ◇ Researcher mobility, within and between countries
- ◇ Misconduct and norms
- ◇ Open science
- ◇ Gender and ethnicity in the science and engineering workforce

Our generous sponsors—Elsevier, Clarivate Analytics, and Arizona State University-School of Public Affairs—make this conference possible. We are thankful for their support. We also thank our cousin conference, the Global Tech Mining Conference, for their continued partnership and the planning committee and the volunteers for their support.

We are confident that you will leave Atlanta with knowledge of new techniques and fresh approaches to address challenges facing the world. Enjoy the conference!

**Susan Cozzens, Diana Hicks, Julia Melkers & Cassidy Sugimoto**

*Conference Co-Chairs*



## SCHEDULE AT A GLANCE

### TUESDAY, MAY 23

**6–8:30 p.m.** **SESSION 1:** ATLC Welcome Reception Global Learning Center Atrium

### WEDNESDAY, MAY 24

**7:30–8:30 a.m.** Breakfast 2nd Floor Hallway-GLC

**8:30–8:45 a.m.** CONFERENCE OPENING AND WELCOME 236

**8:45–10 a.m.** **SESSION 2** 236  
Opening Plenary: Taking Stock and Looking Forward: A Research Agenda on Public Research

**10–10:30 a.m.** Coffee Break 2nd Floor Hallway-GLC

**10:30 a.m.–Noon** **SESSION 3**  
3A: Research Careers 225  
3B: Measuring and Governing Global Science 222  
3C: Innovation Capabilities for Transformative Change 233  
3D: Assessing Use of Research Evidence in Legislatures 235  
3E: Government Funding 327  
3F: Climate Sustainability and Environmental Justice 328  
3G: Responsible Research and Innovation 236

**Noon–1:15 p.m.** **SESSION 4:** Lunch and Special Sessions Global Learning Center Atrium  
4A: An Overview of the U.S. National Science Foundation New Report 156  
4B: Elsevier ICSR Lab: Using Scopus for Large-Scale Scientometric Analyses 158

**1:15–2:45 p.m.** **SESSION 5**  
5A: Research Careers and Institutional Types 225  
5B: Barriers, Bottlenecks and Disruptions in Innovation 222  
5C: Regions II 233  
5D: Measuring Innovation 327  
5E: Energy Technology 328  
5F: Open Science and Accessibility 236

**2:45–3:15 p.m.** Coffee Break 2nd Floor Hallway-GLC

**3:15–4:45 p.m.** **SESSION 6**  
6A: Decisions and Scientific Productivity 225  
6B: Institutions and Science 222  
6C: Digital and Data Led Innovation 233  
6D: Connections and Networks in Science 235  
6E: Triple Heli 327  
6F: Carbon, Batteries, Energy 328

## SCHEDULE AT A GLANCE

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6–9 p.m.	ATLANTA CONFERENCE GALA DINNER	The Biltmore Hotel- Georgian Ballroom
6–7:30 p.m.	SESSION 7: Early Career Poster Session @ Gala Dinner	The Biltmore Hotel- Georgian Ballroom
THURSDAY, MAY 25		
7:30–8:30 a.m.	Breakfast	2nd Floor Hallway-GLC
8:30–10:00 a.m.	SESSION 8	
	8A: Realities of Scientific Work I	225
	8B: Equity and inclusion in Innovation II	222
	8C: Innovation Along the Value Chain	233
	8D: Teaching a Virtual Dog New Tricks	235
	8E: STI Policies for Sustainable Transitions	327
	8F: Coproduction and Public Good	328
10–10:30 a.m.	Coffee Break	2nd Floor Hallway-GLC
10:30 a.m.–Noon	SESSION 9	
	9A: Mobility and Careers	225
	9B: Disruptions and Research Priorities	222
	9C: National Policies	233
	9D: Governance and Innovation	235
	9E: Qualitative & Machine Learning Methods	327
	9F: Funding Mix	328
	9G: Public Welfare and Social Good	236
Noon–1:15 p.m.	SESSION 10: Lunch and Special Sessions	
	10A: Reimagining the Future of the Carnegie Classifications	156
	10B: Critical Transitions from Student to Scholar and Professional	158
1:15–2:45 p.m.	SESSION 11	
	11A: Equity and Inclusion in Innovation I	225
	11B: Collaborating Across Boundaries	222
	11C: Regions I	233
	11D: Universities and STI	235
	11E: Evaluation I	327
2:45–3:15 p.m.	Coffee Break	2nd Floor Hallway-GLC
3:15–4:45 p.m.	SESSION 12	
	Plenary #2: GLOBELICS@20: Two Decades of Innovation Studies for the Global South	23
6–9 p.m.	Dinner on your own	Enjoy Atlanta!



## EARLY CAREER POSTERS

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**A guiding framework for University-Industry partnerships to strengthen innovation and technology transfer ecosystem: A case study from India**  
Radhika Trikha

**Academic Elitism: Effects of Parental Education on Faculty Career Experiences**  
Victoria Pham and Julia Melkers

**An Analysis of Autonomous Vehicle Deployment Forecasts: Understanding a Technology Hype Cycle**  
Naseeb Souweidane, Diana Hicks, Gordon Kingsley and Min Cha

**An Analysis of Revealed Comparative Advantages in Scientific and Technological Disciplines in the Anglophone Caribbean Region, 1996-2020**  
Marcos Segantini, Natera José Miguel and Danilo Spinola

**Analysis of the Impact of Sovereign Wealth Funds on Defense Policy: The Case of South Korea's Cluster Munition Industry**  
Moonyul Yang and So Young Kim

**Analyzing the Significance of Public Values in Artificial Intelligence Patent Documents**  
Divali Legore and Christine Webster

**Are researchers in national research institutes in China satisfied with the block grant funding policy? Evidence from Fundamental Research Funds policy implementation**  
Cong Wu and Ruhan A

**Are Women's Works and Claims Received with More Skepticism?**  
Jina Lee

**Balancing the Tradeoff between Regulation and Innovation for Artificial Intelligence: An Analysis of Top-down Command and Control and Bottom-up Self-Regulatory Approaches**  
Gleb Papyshchev, Keith Chan and Masaru Yarime

**Bibliometric Analysis of Nanotechnology Applications for Coronavirus Treatment from 2000-2022**  
Swaneet Jha and Thomas Woodson

**Building Innovative Medical Device Sector and the Convergence of the Emerging Technologies in Small Emerging Economy**  
Wenhsin Chi, Hungchi Chang, Shihhsin Chen and Huei-Chen Yen

**Changes and characteristics of science and technology policy due to COVID-19 -Focusing on the case of Korean government R&D investment**  
Minki Kim and Jonghwa Park

**Differential Effects of Work-Family Conflicts on Academic Scientists' Networks**  
Luyu Du and Julia Melkers

**Discovery patterns in the concepts entropy network and their impact on scientific research**  
Artem Chumachenko

**From Crisis to Survival: How Informal Businesses Harness Innovation to Evolve their Businesses**  
Nazeem Mustapha and Nicole van Rheede

**Governing academic research and publication with public sector logics: recipe for failures?**  
Muhammad Hali Aprimadya

**Governing Transformative Innovation Policy: a policy regime approach**  
Jung Won Choi and Gordon Kingsley

**How sectoral differences influence STI policies in catching up by emerging countries: A systematic literature review**  
Tung Tran



## DETAILED AGENDA

### TUESDAY, MAY 23

5:30–7:30 p.m.

#### SESSION 1

Session 1: ATLC Welcome Reception

Global Learning Center Atrium

### WEDNESDAY, MAY 24

7:30–8:30 a.m.

Breakfast

2nd Floor Hallway-GLC

8:30–10:00 a.m.

#### SESSION 2

Session 2: Opening Plenary

Room 236

Session Chair: Benedetto Lepori

“Taking Stock and Looking Forward. A Research Agenda on Public Research Funding”

Valeria Arza, CENIT-CONICET; Lars Engwall, Uppsala University; Aldo Geuna, University of Torino

10–10:30 a.m.

Coffee Break

2nd Floor Hallway-GLC

10:30 a.m.–Noon

#### SESSION 3

Session 3A: Research Careers

Room 225

Session Chair: Julia Melkers

Mobility of U.S.-Trained Foreign-Born S&E PhDs – a study of evidence building for science policy research

Christina Freyman, Wan-Ying Chang and Haoyi Wei

Experiences of Foreign Born/Foreign Trained U.S. STEM Faculty: A Qualitative Metasynthesis of the Literature through the Intersectional Lenses of Gender and Race/Ethnicity  
Sue Rosser

Quantifying gender and retention patterns among U.S. faculty

Katie Spoon, Nicholas LaBerge, K. Hunter Wapman, Sam Zhang, Allison Morgan, Mirta Galesic, Joanna Mendy, Maria Martinez, Lauren Rivera, Daniel Larremore and Aaron Clauset

Talking and Walking Interdisciplinarity Across Fields

Kevin Kniffin, Andrew S Hanks, Xuechao Qian, Bo Wang and Bruce Weinberg



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**Session 3B: Measuring and Governing Global Science**

**Room 222**

Session Chair: Travis Whetsell

**Exploring Alternatives for Measuring National Scientific Capacity**

Caroline Wagner and Travis Whetsell

**Democratic Governance and International Research Collaboration:**

**A Longitudinal Analysis of the Global Science Network**

Travis Whetsell

**Research misconduct investigations in China's science funding system**

Li Tang, Linan Wang and Guangyuan Hu

**The latent structure of global scientific development**

Lili Miao, Dakota Murray, Woo-Sung Jung, Vincent Larivière, Cassidy Sugimoto and Yong-Yeol Ahn

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**Session 3C: Innovation Capabilities for Transformative Change**

**Room 233**

Session Chair: K. Matthias Weber

**Institutional capacities and capabilities for Transformative Innovation:**

**Learnings from diverse experimental policy engagements**

Diana Velasco, Caetano Penna, Jordi Molas-Gallart and Johan Schot

**Innovation capabilities for transformative change: opening a critical knowledge dialogue**

Andrew Roberts Cummings, Johan Schot, Matthias Weber and Chux Daniels

**Making Urban Sustainability Transitions happen:**

**Transformative Innovation Policy in Six European Cities**

Lasse Bundgaard, Gudrun Haindlmaier, Philippe Larédo, Rémi Manesse, Mireille Matt, Tatjana Neuhuber and K Matthias Weber

**Transformative innovation capabilities in practice:**

**Insights from the Living Catchments policy experiment in South Africa**

Andrew Roberts Cummings, Il-haam Peterson and Mahlodi Tau

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**Session 3D: Assessing Use of Research Evidence in Legislatures**

**Room 235**

Session Chair: Karen Akerlof

**Detecting Evidence Citation and Quotation in the U.S. Congress: A Methodological Case Study**

K. L. Akerlof, Lazar Kovacevic, Dieter Pfoser and Erica Goldman

**Did Education Policymakers Overlook Relevant Scholarly Research during COVID-19?**

Basil Mahfouz, Sir Geoff Mulgan and Licia Capra

**Quantitative Methods for Assessing the Use of Research Evidence in Legislatures**

Afagh Mulazadeh

**Quantitative Modeling of Science-Policy Engagement:**

**Leveraging Behavioral Science to Strengthen Legislative Science Advice**

Henriette Ruhrmann

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**Session 3E: Government Funding****Room 327**

Session Chair: Armela Dino

**Is this grant scarce and desirable? The perception of competition in public research funding**

Marco Cavallaro, Peter Edlund and Benedetto Lepori

**Assessing the Performance of National Innovation Systems in Europe**

Jon Mikel Zabala-Iturriagagoitia, Charles Edquist, Javier Barbero and Jose Luis Zofio

**Knowledge spillovers from HIV research-funding**

Ohid Yaqub, Josie Coburn and Duncan A Moore

**Joining the dots between government, funders and academia:****Are Areas of Research Interest the missing cog in the system?**

Kathryn Oliver and Annette Boaz

**Changing landscape of global science funding**

Lili Miao, Feifei Wang, Vincent Larivière, Yong-Yeol Ahn and Cassidy Sugimoto

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**Session 3F: Climate Sustainability and Environmental Justice****Room 328**

Session Chair: Tommaso Ciarli

**Policy perspectives regarding benefits and challenges of connecting with citizen science initiatives: A case study on environmental justice**

Guillermina Actis and Valeria Arza

**STI policy and climate change: insights from Uruguay and South Africa**

Isabel Bortagaray

**"Walking the green line": government sponsored R&D and clean technologies in the U.S.**

Francesco Rentocchini, Antonio Vezzani and Sandro Montresor

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**Session 3G: Responsible Research and Innovation****Room 236**

Session Chair: Claudia De Fuentes

**Inclusion as Science and Innovation Policy Objective:****Comparing Responsible Research and Innovation and Broader Impacts Frameworks**

Helka Kalliomäki, Johanna Kalliokoski, Leena Kunttu and Jari Kuusisto

**Framing and operationalizing ethical and responsible innovation in AI-driven manufacturing innovation**

Justin B. Biddle and Philip Shapira

**Role of Scientific Institutions in the Development of Molecular Diagnostics in India:****Need for Responsible Innovation System Approach**

Nidhi Singh

**Engaging learned societies in promotion of open science and responsible research**

Janne Pölönen and Elina Late

Noon–1:15 p.m.      **SESSION 4: Lunch and Special Sessions**      Global Learning Center Atrium

**Session 4A: An Overview of the U.S. National Science Foundation New Report: Diversity and STEM: Women, Minorities, and Persons with Disabilities Report**      Room 156  
 Session Chair: Christina Freyman

Panelists: Amy Burke and Steven Deitz, NCSES

**Session 4B: Elsevier ICSR Lab: Using Scopus for large-scale scientometric analyses**      Room 158

Panelists: Kristy James and Alick Bird

1:15–2:45 p.m.      **SESSION 5**

**Session 5A: Research Careers and Institutional Types**      Room 225  
 Session Chair: Mayra M. Tirado

**Institutional reproduction of intersectional inequalities in science**  
 Hassan Khan, Diego Kozłowski, Thema Monroe-White, Cassidy Sugimoto and Vincent Larivière

**Labor advantages drive the greater productivity of faculty at elite universities**  
 Sam Zhang, K Hunter Wapman, Daniel Larremore and Aaron Clauset

**Faculty Research Productivity in Striving Research Universities**  
 Quintin Kreth

**Session 5B: Barriers, Bottlenecks and Disruptions in Innovation**      Room 222  
 Session Chair: Ashlee Frandell

**Voluntary Human Capital Mobility, Involuntary Mobility, and Innovation; Evidence from the Collapse of Nortel Networks**  
 Ruth Samson, Laurent Bergé and Nicolas Jonard

**How do firms overcome barriers to innovations?: The mediating roles of external and internal funding of Korean Green firms**  
 Jee-Sun Oh and Sungchan Yeum

**A cluster analysis of innovation barriers in agricultural sector: A k-modes machine learning algorithm approach**  
 Yasser Buchana

**Do scientific knowledge flows inspire exploratory innovation? Evidence from U.S. biomedical and life sciences firms**  
 Ying Guo, Jiali Sun and Xiangpeng Lian

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**Session 5C: Regions II****Room 233**

Session Chair: Jose A. Guridi

**The Geographic Content of Research: Stylized facts on the places that get studied**

Christian Chacua, Richard B. Freeman, Ricardo Hausmann, Vincent Larriviere and Cassidy Sugimoto

**Rationality of export promotion policies in Costa Rica:****Is this a mix of GVC, innovation system and middle income trap approaches?**

Jeffrey Orozco and Keynor Ruiz-Mejías

**Signaling innovation activities within agri-food ecosystems**

Davide Pulizzotto, Louise E. Earl and Sandra R. Schillo

**The making of a new technoscience:****The contribution of CIFAR databases to the development of deep learning**

Daniel Souza, Aldo Geuna and Jeff Rodríguez

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**Session 5D: Measuring Innovation****Room 327**

Session Chair: Erik Arnold

**Understanding the use of innovation-related concepts in enterprises' websites**

Mikaël Héroux-Vaillancourt, Catherine Beaudry, Davide Pulizzotto and Margaret Dalziel

**Examining Firms' Engagement with Different Forms of Knowledge Disclosure:****Website, Publication and Patent Data**

Arash Hajikhani and Daniele Rotolo

**Quantifying biomedical firms' basic research**

Chao Min, Chenjiao Gong, Haotian Lin, Jiping Gao and Minglu Li

**Are Federal Contractors Less Innovative?**

Anne Marie Knott, Brett Josephson and Ju-Yeon Lee

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**Session 5E: Energy Technology****Room 328**

Session Chair: Helka Kalliomäki

**The impact of innovation cluster policies on Energy-transition:****Learning from leading energy clusters in Germany**

Mahendra Singh, Denilton Luiz Darold, Marian Klobasa and Rainer Frietsch

**Using Granular Start-up and Project Data to Analyze Global Scaling of****Novel Climate and Energy Technologies**

Kathleen Kennedy, Zachary Thomas, Morgan Edwards, Kavita Surana, Raines Lucas, Maria Borrero, Rachel Fedorchak, Leon Clarke, Haewon McJeon, Gregory Nemet, Ellen Williams and Nathan Hultman

**Leveraging technology spillovers to accelerate clean energy innovation**

Gabriel Chan, Sergey Kolesnikov, Anna Goldstein, Deyu Li, Laura Diaz Anadon and Venkatesh Narayanamurti

**Mission-oriented policy learning for an agile energy research program:****The case of Germany**

Carsten Schwäbe, Fabio Voss, Martina Kovač and Carsten Dreher



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**Session 5F: Open Science and Accessibility**

Room 236

Session Chair: Andrew Roberts Cummings

**The Economic Logic of Open Science in Fusion Energy Research:  
A Systemic Approach to Policymaking**  
Marco Vincenzi and Elias Carayannis

**How to make research data available and ensure compliance with the OSTP Memo**  
Mark Hahnel and Heather Luciano

**Information accessibility and knowledge creation:  
The impact of Google's withdrawal on Chinese scientific publications**  
Katrin Hussinger and Lorenzo Palladini

**Literature review and scientific mapping on the economic, policy, and societal impact of research**  
Yohanna Juk, Karen E F Pinto, Evandro Coggo Cristofolletti, Emily Campgnolli, Gabriela Tetzner  
and Vanessa de Lima Avanci

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2:45–3:15 p.m.

Coffee Break

2nd Floor Hallway-GLC

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3:15–4:45 p.m.

**SESSION 6**

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**Session 6A: Decisions and Scientific Productivity**

Room 225

Session Chair: Kim Isett

**Exploring Transparency and Openness Through TOP Factors and Citation Indicators**  
Ann Beynon and Gali Halevi

**Parody, Joke, or Insanity? Retracted Publications Continue to Garner Attention**  
Autumn Toney and Sara Abdulla

**Large-scale assessment of editors' impact on publishing in the social sciences**  
Andrew Herman, Mathias Wullum Nielsen and Jens Peter Andersen

**Does Double-blind Peer-review Effectively Correct for Demographic Disparities  
in Research Funding?**  
Emil Bargmann Madsen, Philippe Mongeon and Jesper Wiborg Schneider

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**Session 6B: Institutions and Science**

Room 222

Session Chair: Irene Ramos-Vielba

**Research Governance and the Dynamics of Science:  
A Comparative Analysis of Governance Effects in Organisational Context**  
Maria Nedeva, Duncan Thomas and Mayra M Tirado

**Imprinting or Learning? Charting the Organizational Evolution of Scientific Laboratories**  
Vincent Yung and Jeannette Colyvas

**Scholarly publishing at U.S. federally funded research & development laboratories  
Influences on public-private science**  
Jeffrey Alexander, Vincent Lariviere, Yong In Choi and Cassidy Sugimoto

**Societal impact of research and public policy: a bibliometric assessment**  
Evandro Cristofolletti, Karen E F Pinto, Yohanna Juk, Gabriela Tetzner, Emily Campgnolli  
and Vanessa Avanci

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**Session 6C: Digital and Data Led Innovation****Room 233**

Session Chair: Timothy Joseph Henares

**The Smart City as a Field of Innovation:  
Effects of Public-Private Data Collaboration on Innovation Performance of Small-  
and Medium-sized Enterprises in China**

Xiaohui Jiang and Masaru Yarime

**Are Digital Innovation Policies Effective in Promoting the Development of Digital  
Economy in China?**

Siqi Xie and Masaru Yarime

**Data-driven innovations in Germany: Drivers and determinants of adoption by SMEs**

Denilton Luiz Darold and Rainer Frietsch

**The Technological Convergence of Emerging Intelligent Technology Ecosystem**

Shihhsin Chen, Hungchi Chang and Duenkai Chen

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**Session 6D: Connections and Networks in Science****Room 235**

Session Chair: Heyjie Jung

**Capturing Research Field Dynamics through Multiplex Network Structures**

Duncan Thomas, Maria Nedeva and Mayra M Tirado

**Using Hierarchical Stochastic Blockmodels to Examine Synthetic Biology Discourse on Twitter**

Brandon Sepulvado

**Evolution of the co-authorship network in 5G technology:**

**Bibliometrics and network analysis from 2005 to 2021**

Anas Ramdani, Catherine Beaudry and Mario Bourgault

**How does SDG related research differ?**

Tommaso Ciarli, Hugo Confraria, Ed Noyons and Ismael Rafols

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**Session 6E: Triple Helix****Room 327**

Session Chair: K. Matthias Weber

**Advancing University, Industry, and Government Collaboration in Bibliometrics**

**Building a network infrastructure for data infrastructure**

Eric Heuser

**The Relationship between Government Innovation Funding and the Likelihood  
of Venture Capital, IPO, and Acquisition in Genomics**

Jennifer Woolley

**Technology Transfer and Commercialisation in Nigerian Universities:**

**Motivation, Barriers and Policy Options**

Caleb Muyiwa Adelowo



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**Session 6F: Carbon, Batteries, Energy**  
Session Chair: Daniel Matisoff

Room 328

**Greening manufacturing: Technology intensity and carbon dioxide emissions in developing countries**  
Elvis Korku Avenyo and Fiona Tregenna

**The multilevel roles of the State in transformative innovation policy: Analyzing the implications for emerging economies in the case of Uruguay and Colombia**  
Mario Pinzón-Camargo, Isabel Bortagaray, Juan Pablo Centeno, Alejandro Balanzo, Gonzalo Ordonez-Matamoros and Stefan Kuhlmann

**Innovation-Led Oriented Policies: Investigating the Development of Low-Carbon Hydrogen Technologies**  
Vanessa de Lima Avanci, Yohanna Juk and Karen E F Pinto

**The role of external knowledge in industry development and sub-market formation: The case of lithium-ion batteries**  
Sergey Kolesnikov, Deyu Li, Martin Beuse and Laura Diaz Anadon

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6–9 p.m.	ATLANTA CONFERENCE GALA DINNER	The Biltmore Hotel–Georgian Ballroom
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6–7:30 p.m.	SESSION 7: Early Career Poster Session @ Gala Dinner	The Biltmore Hotel–Georgian Ballroom
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## THURSDAY, MAY 25

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7:30–8:30 a.m.	Breakfast	2nd Floor Hallway–GLC
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8:30–10 a.m.	SESSION 8	
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**Session 8A: Realities of Scientific Work I**  
Session Chair: Quintin Kreth

Room 225

**Failure in Science: How organizational and institutional factors shape early career experience**  
Pauline Mattsson, Sotaro Shibayama and Anders Broström

**Female researchers report more overall responsibility in teamwork**  
Alvin Shijie Ding, Gunnar Sivertsen, Lin Zhang, Rachel Herbert and Andrew Plume

**The Impact of Team Diversity on Research Productivity**  
Mehmet Aydeniz, W. Carson Byrd, Olga Churkina and Ofuma Eze-Echesi

**Towards the measurement of epistemic disagreement in science**  
Dakota Murray

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**Session 8B: Equity and inclusion in innovation II****Room 222**

Session Chair: Erika Kraemer-Mbula

**Innovation for start-ups: the sooner the better?**

Ming Gao and Jue Wang

**Does Institutional Context Matter for How Gender Influences Innovation?****The Heterogeneous Impact of Gender Diversity on Technological Evolution**

Zeynep Yavic and Rafael Corredoira

**Obstacles to innovation and labor productivity: evidence for Latin American and Caribbean SMEs**

Florencia Barletta, Diana Suárez and Florencia Fiorentin

**Gender and transformative innovation in Africa:****Strategic policy interventions to enhance participation of women in the 4th industrial revolution**

Pamela Mreji

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**Session 8C: Innovation Along the Value Chain****Room 233**

Session Chair: Marina Szapiro

**Robot adoption and innovation activities**

Davide Antonioli, Alberto Marzucchi, Francesco Rentocchini and Simone Vannuccini

**Induced innovation revisited: the development of U.S. battery storage**

Min-kyeong Cha

**The curvilinear effect of economic growth on the quality of business patents**

Manuel Acosta, Joaquín Azagra, Daniel Coronado and Esther Ferrándiz

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**Session 8D: Teaching a Virtual Dog New Tricks:****Room 235****Drawing Intelligence From Science, Technology, Innovation and Policy Documents**

Session Chair: Catherine Beaudry

**Creation of new indicators with a specialized DeepLearning model for innovation studies:****Testing the B Corp Certification**

Pietro Cruciata, Davide Pulizzotto, Mikaël Héroux-Vaillancourt and Catherine Beaudry

**Digital tools for tracing policy action through COVID-19:****Exploring the innovation strategies of 24 countries with natural language processing**

Hunter McGuire, Hunter McGuire, Jan Einhoff and Caroline Paunov

**Evaluating Canadian Climate Policy Mix Stringency**

Jennifer Winter, Alaz Munzur and William Scott



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**Session 8E: STI Policies for Sustainable Transitions****Room 327**

Session Chair: Philip Shapira

**Specificities of energy and environmental transitions and resulting challenges for innovation policies to support them: a view from Germany**

Rainer Walz and Jakob Edler

**How Willing are Consumers to Electrify Their Households?**

**Case Study of the U.S. State of Georgia**

Marilyn Brown, Cory Struthers, Snehal Kale, Min Cha-Kyeong and Oliver Chapman

**Innovation intermediaries in the new bioeconomy:**

**Integrating translation, responsibility, and sustainable transitions**

Claire Holland, Adam McCarthy McCarthy, Priscila Ferri and Philip Shapira

**History-friendly modelling of energy transitions in an enlarged TIS-MLP framework:**

**The case of wind turbines**

Christian Lerch, Jonathan Köhler, Wolfgang Eichhammer and Rainer Walz

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**Session 8F: Coproduction and Public Good****Room 328**

Session Chair: Maria Nedeva

**The involvement of non-academic partners in societally targeted funded research**

Irene Ramos-Vielba, Duncan A. Thomas, Rikke E. Povlsen, Andreas K. Stage, Carter W. Bloch and Mette L. Falkenberg

**What Does Equitable Co-production Entail? Three Perspectives**

Karen Akerlof, K. M. F. Timm, A. Chase, E. T. Cloyd, Erin Heath, B. A. McGhghy, A. Bamzai-Dodson, G. Bogard, S. Carter, J. Garron, M. Gavazzi, N. Kettle, M. Labriole, J. Littell, M. Madajewicz, J. Reyes, L. Rivers III, Jylana L. Sheats, C. Simpson and R.C. Toohey

**Interactions among societal and professional RTDI actors in four different futures**

Attila Havas and Stephanie Daimer

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**10–10:30 a.m.****Coffee Break****2nd Floor Hallway-GLC**

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**10:30 a.m.–Noon****SESSION 9**

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**Session 9A: Mobility and Careers****Room 225**

Session Chair: Eric J. Iversen

**Labor-market placement of doctorate degree holders in Norway**

Eric J Iversen and Zacharias Andreadakis

**Quasi-experimental analysis of academic mobility:**

**An example of the Polish international exchange program**

Adam Ploszaj

**Quantifying hierarchy and dynamics in U.S. faculty hiring and retention**

K Hunter Wapman, Sam Zhang, Aaron Clauset and Daniel Larremore

**How many times should scholars move? The relationship between international academic mobility and research performance in the U.S. and Europe**

Alice Civera, Mattia Cattaneo and Hugo Horta

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**Session 9B: Disruptions and Research Priorities****Room 222**

Session Chair: Paige Clayton

**Global research governance and its adaptation to research 'shocks':****COVID disruption, response and recovery**

Gemma Derrick, James Robson, Xin Xu and Alis Oancea

**Artificial intelligence for COVID-19 research: What makes scientific collaborations successful?**

Diletta Abbonato, Stefano Bianchini, Floriana Gargiulo and Tommaso Venturini

**Steering research towards sustainability:****The role of international collaboration in research on Chagas disease**

Valeria Arza and Julián Asinsten

**University scientific coproduction becomes more social in crisis**

Joaquín M. Azagra-Caro and Alfredo Yegros

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**Session 9C: National Policies****Room 233**

Session Chair: Rafael Corredoira

**The Effects of Chinese Investments in Digital Infrastructures on Data Policies and Regulations in Host Countries: A Case Study on New Clark City, Philippines**

Timothy Joseph Henares and Masaru Yarime

**Transformative Innovation Policies as sociotechnical niches:****An illustrative case from Colombia's Social Appropriation of Knowledge policy**

Mario A Pinzon-Camargo, Juan Pablo Centeno, Alejandro Balanzo-Guzman and Gonzalo Ordóñez-Matamoros

**The participation of the Global South in Ocean transnational science networks:****Evidences from the Brazilian state of Santa Catarina**

Iara Leite, Carolina Micheletti and Taynara Moraes

**Innovation Policy Governance in Africa: insights from Nigeria and South Africa**

Chux Daniels, Abiodun Egbetokun and Blanche Ting

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**Session 9D: Governance and Innovation****Room 235**

Session Chair: Nicolas Robinson-Garcia

**Building an innovation ecosystem: ENCQOR's strategy**

Anas Ramdani, Catherine Beaudry and Mario Bourgault

**Connectivity, Networks, and Policy: Broadband and Urban Workforce Development**

Paul Baker, Helaina Gaspard and Adina Martinez

**Is Korean research council system good fit for innovation?**

Yong-Nam Jung



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**Session 9E: Qualitative & Machine Learning Methods**

**Room 327**

Session Chair: Davide Pulizzotto

**A methodological contribution to activate the trajectory of productive interactions between science and society: Application in two case studies and comparison of results**  
Mariangel Pacheco-Troisi, Mónica García-Melón and Fernando Jiménez-Sáez

**Publication Quality and Publishing Practices: Views from Researchers**  
Eriko Fukumoto

**Comparing states' AI capabilities in governance and performances**  
Eunji Emily Kim

**Exploring emerging trends in 5G industry from patent data using text mining techniques and network analysis**  
Mehdi Rhaïem, Davide Pulizzotto, Ramdani Anas and Catherine Beaudry

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**Session 9F: Funding Mix**

**Room 328**

Session Chair: Emily Wise

**Diversification vs specialization from the perspective of research programmes: A complexity approach**  
Antonio Zinilli, Emanuela Reale, Andrea Orazio Spinello and Emanuela Varinetti

**Research generality as a measure of interdisciplinary impact: A case study of the NC State Genetic Engineering and Society Center**  
Zachary Brown, Tisha Mentnech and Richard Li

**Impact of Institutional Design and Funding Mix of Research Funding Programs**  
Takayuki Hayashi

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**Session 9G: Public Welfare and Social Good**

**Room 236**

Session Chair: Jenna Rodrigues

**Innovation and social welfare: A new research agenda**  
Fulvio Castellacci

**Tracing causal mechanisms for the impact of societally targeted funding**  
Carter Bloch, Rikke Povlsen, Mette Falkenberg, Irene Ramos-Vielba, Duncan Thomas and Andreas Stage

**What is in It for Us? Institutional Trustworthiness and Facial Recognition Technology in Policing**  
Robin Guohuibin Li

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**Noon–1:15 p.m.**

**SESSION 10: Lunch and Special Sessions**

**Global Learning Center Atrium**

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**Session 10A: Reimagining the Future of the Carnegie Classifications**

**Room 156**

Panelists: Sara Gast and Derrick Anderson, American Council on Education

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**Session 10B: Lunch Breakout: Critical Transitions from Student to Scholar and Professional: A Professional Development Session for Early Career Researchers** **Room 158**

Panelists: Terry Blum, and Mary Frank Fox, Georgia Tech

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1:15–2:45 p.m.

**SESSION 11**

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**Session 11A: Equity and Inclusion in Innovation I**

**Room 225**

Session Chair: Carter Bloch

**Averting Obsolescence: Knowledge Spillovers from Junior to Senior Inventors**

Christopher Esposito

**Innovation in Capacity Building for Applied Policy Research:**

**The Advanced Rehabilitation Research Training (ARRT) Project - “Inclusivity at the Edge”**

Nathan W. Moon, Paul M.A. Baker and John C. Bricout.

**Building the Future Science Policy Workforce Through Undergraduate Opportunities**

Adriana Bankston

**The Influence of Gender, Work Experience, and Education on the Likelihood of Raising Venture Capital and IPO in Genomics**

Jennifer Woolley

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**Session 11B: Collaborating Across Boundaries**

**Room 222**

Session Chair: Gunnar Sivertsen

**Connecting innovation to human capabilities: a case study of township innovators in South Africa**

Alejandra Boni and Erika Kraemer-Mbula

**Joining evenly while remaining unlike: the influence of balanced inter-sectoral research collaborations on scientific performance**

Fredrik Niclas Piro, Alfredo Yegros, Siri Brorstad Borlaug and Pablo D'Este

**Stronger together: migrant entrepreneurial teams in high-tech industries in Germany**

Maria Karaulova, Abdullah Gök, Peter Neuhäusler and Denilton Luiz Darold

**Collaboration Patterns of Public Research Institutes in Korea and Their Relation to Positioning of Research**

Seung-Hyun Lee

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**Session 11C: Regions I**

**Room 233**

Session Chair: Duncan Thomas

**Biomedical Entrepreneurship in U.S. Regions**

Sang-Min Park and Nicholas Vonortas

**Federal Laboratories as Anchor Tenants: The Role of Geography in the NASA SBIR Program**

Jenna Rodrigues, Andrea Belz, Alexandra Graddy-Reed and Richard Terrile

**Government support to spur innovation in remote regions in Canada:**

**Evidence from two Canadian Federal programs**

Claudia De Fuentes, Joniada Milla, Hao Lu and Soheil Ahmadi



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**Session 11D: Universities and STI****Room 235**

Session Chair: Masaru Yarime

**Resource Dependence Effects in Formalized Inter-organization Exchanges:  
The Case of University F&A Rates**  
Yong In Choi and John Walsh

**Is there gender bias in academic careers? An event history analysis**  
Charlie Mom, Peter Van den Besselaar and Torger Moller

**Should universities be Smart about innovation? University technology portfolio  
and licensing strategies**  
Arman Yalvac Aksoy, Catherine Beaudry and Davide Pulizzotto

**Academic Skill Variety Among Scientists and Engineers**  
Briana Stenard

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**Session 11E: Evaluation I****Room 327**

Session Chair: Vincent Larivière

**A Realistic Evaluation of Science Policy - Generating Learning for Spanish Public  
Administration Institutions**  
Armela Dino

**Evaluation of the innovation incentive program**  
Juan Manuel Corona and Carlos Alfonso Hernandez

**Evaluating the quality of non-written research outputs**  
Kamila Lewandowska and Michael Ochsner

**Measuring Ecosystems' Innovation Capabilities with The Innovation Potential of Individuals:  
A Systematic Review of Multidimensional Construct**  
Annie Passalacqua and Catherine Beaudry

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**2:45–3:15 p.m.****Coffee Break****2nd Floor Hallway-GLC**

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**3:15–4:45 p.m.****SESSION 12**

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**Plenary #2: GLOBELICS@20:****Room 236****Two Decades of Innovation Studies for the Global South**

Session Chair: Susan Cozzens

Panelists: Erika Kraemer-Mbula, GLOBELICS President; Michiko Iizuka, Vice President for Asia;  
Rasmus Lema, Vice President for Europe; Marina Szapiro, Vice President for the Americas

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**6–9 p.m.****Dinner on your own****Enjoy Atlanta!**

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## FRIDAY, MAY 26

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7:30–8:30 a.m.

Breakfast

2nd Floor Hallway-GLC

8:30–10 a.m.

### SESSION 13

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#### Session 13A: Career Roles: Trajectories

Room 225

Session Chair: Jennifer Winter

##### Project Roles over the Career Trajectory:

**The misalignment between performed labor and desired career preparation**

Clara Boothby, Cassidy Sugimoto, Vincent Larivière and Nathan Ensmenger

##### Understanding Career Transitions of Applied Researchers to Universities:

**Evidence from Germany**

Cecilia Garcia Chavez, David Howoldt, Patrick Hoyer, Maria Karaulova, Henning Kroll and Torben Schubert

##### The value of competitive hires within institutions under audit:

**A global comparison of university departments in the UK, Italy, Australia, New Zealand, Norway and Hong Kong**

Kristy James and Gemma Derrick

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#### Session 13B: Global & Regional

Room 222

Session Chair: Zachary Brown

**New industrial and innovation policies in the context of recent productive and innovative global transformations**

Marina Szapiro

##### Technological Capabilities and Co-Invention Networks for Regional Diversification:

**Evidence from Brazil**

Mariane Françoise, Vanessa Avanci, Alysson Mazoni and Nicholas Vonortas

##### Monitoring and evaluation of regional agricultural innovation in emerging economies

**Assessing the conditions for further operationalization in the case of Casanare, Colombia**

Angélica Londoño, Sara Quijano, Alejandro Balanzó and Juan Pablo Centeno

##### Policy considerations for AI and genome editing shaping humanity

Sana Zakaria

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**Session 13C: Policy Considerations**  
Session Chair: Paul M.A. Baker

Room 233

**How are GVC-oriented policies different? The Implications for ST&I Policies**  
Carlo Pietrobelli, Roberta Rabellotti and Ari Van Assche

**The Evolving Role of White House Science Advice: An Assessment of the Membership Balance and Policy Impact of the President's Council of Advisors on Science and Technology (PCAST)**  
Kenneth Evans and Kirstin Matthews

**Policy levers to traverse the "Valley of Death" – which to pull, when, and how hard?**  
Daniel Matisoff, David Cale Reeves and Luis Mathias Zacarias Rojas

**Knowledge Intermediaries and Evidence Use in State Policymaking: Topic Modeling and Analysis of Two Consequential Policy Areas**  
Gordon Kingsley, Kim Isett, Diana Hicks, Megan Haegley and Min-kyeong Cha

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**Session 13D: Evaluation II**  
Session Chair: Travis Whetsell

Room 328

**Learning to evaluate transitions and missions policies**  
Erik Arnold and Emily Wise

**Meta-evaluation of Science, Technology and Innovation Policy: Evidence from an emerging economy**  
Juan Pablo Centeno and Gonzalo Ordonez-Matamoros

**Evaluating Sectoral and Associative Policy: The Case of the FSAT Program in Argentina**  
Marcelo Fernando Molina and Mariano Alberto Pereira

**An Integrated Approach to Innovation Policy Analysis: The Case of Romania**  
Marcio Cruz, Natasha Kapil, Christopher Haley and Juan D Rogers

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**Session 13E: Innovation for Public Purposes**  
Session Chair: Jennifer Woolley

Room 327

**Applied research to develop cancer drugs, basic research to succeed**  
Sihan Li and Joaquín M Azagra-Caro

**How does artificial intelligence contribute to public values? A large-scale analysis of AI patents**  
Philip Shapira, Sergio Pelaez, Barbara Ribeiro and Gaurav Verma

**Cross-category spillovers in medical research**  
Yasemin Aslan, Ohid Yaqub, Daniele Rotolo and Bhaven N Sampat

**Problematising the role of STI policy in agricultural innovation in developing countries: The case of South Africa**  
Yasser Buchana

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**Session 13F: Challenges in Innovation Policy****Room 236**

Session Chair: Marco Vincenzi

**Covid-19 and Beyond: Arguments for a New Innovation Policy**

Sujit Bhattacharya

**Ethics, Justice, and Policy: On the Dangers of Innovation**

J Britt Holbrook

**Revisiting Research and Innovation Futures 10 years after:****Devising policy insights against the backdrop of actual developments**

Stephanie Daimer and Matthias Weber

**Innovation policy making from the practitioner's perspective:****A morphological design process for policy instruments – The case of Germany**

Carsten Schwäbe, Martina Kovač, Elina Pulkova and Carsten Dreher

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**10 a.m.–10:30 a.m.****Coffee Break****2nd Floor Hallway-GLC**

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**10:30 a.m.–Noon****SESSION 14**

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**Session 14A: Realities of Scientific Work II****Room 225**

Session Chair: Cassidy Sugimoto

**Gender and attrition in the changing nature of scientific work**

Seokkyun Woo and You-Na Lee

**Risk-Taking in Science**

Sotaro Shibayama, Pauline Mattsson and Anders Broström

**Gender bias in team formation: The case of the European Science Foundation's grants**

Michele Pezzoni and Fabiana Visentin

**Gender bias in funding evaluation: A RCT field experiment**

Laura Cruz-Castro and Luis Sanz-Menendez

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**Session 14B: Rethinking National Innovation Policy Frameworks****Room 222**

Session Chair: Philip Shapira

**Technology Sovereignty: empirical implementations of a conceptual framework**

Rainer Frietsch and Henning Kroll

**Obstacles to Innovate and the Role of Public Funding: Evidence from Chile**

Juan Carlos Castillo and Nicholas Vonortas

**Governing the Platform Economy: Accommodating, Defensive, and Generative Strategies**

Angela Garcia Calvo, Martin Kenney and John Zysman

**Assessing Organizational Capabilities and Effectiveness of Digital Transformation Implementation****Agencies: A Case of the National IT Industry Promotion Agency (NIPA) of South Korea**

Kyeyoung Shin, Anwar Aridi and Juan D Rogers



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**Session 14C: Informetric Methods****Room 233**

Session Chair: Diana Hicks

**Informetric methods for studying the diversity of the scientific workforce:****Towards a state-of-the-art**Nicolas Robinson-Garcia, Carmen Corona-Sobrino, Zaida Chinchilla-Rodríguez,  
Daniel Torres-Salinas and Rodrigo Costas**Identifying Hot Topics Based on Export Activity**

Kevin W Boyack, Caleb Smith and Richard Klavans

**Identifying and Characterizing Translational Research Strategies**

Caleb Smith, Kevin W Boyack and Richard Klavans

**The Division of Scientific Labour:****An empirical view on contributions to global science from the periphery**

Francois Van Schalkwyk

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**Session 14D: Private Sector Funding****Room 235**

Session Chair: Anas Ramdani

**Utilizing the national resources for financing transformation:****Experiences from four Latin American countries**

Michiko Iizuka, Fernando Vargas and Jakob Baumann

**The Role of Speedier Public Funding for Small High-Tech Firms: entrepreneurial finance;  
seed funding; SBIR; NIH; public venture capital; entrepreneurial timing**

Paige Clayton and Evan Johnson

**The commercialization of DoD-SBIR patents**

Gaétan de Rassenfosse, Carlo Bottai and Emilio Raiteri

**Corporate science and IPO**

Federico Bignone

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**Session 14E: Tech Transfer****Room 327**

Session Chair: K. Matthias Weber

**Innovative Funding Mechanisms to Enhance Federal Technology Transfer  
and Public Private Partnerships**

Vanessa Pena

**Varieties of Regional Innovation Systems around the World and Catch-up by Latecomers**

Keun Lee and Jinhee Kim

**Government Funding and the Development of Innovation and Entrepreneurship Ecosystems**

Karen E F Pinto, Sérgio R R Queiroz and Bruno B Fischer

**Building resilient technology policy through public participation:****The case of the Chilean National AI Strategy**

Jose A. Guridi, Julio A. Pertuze and Cristobal Cheyre

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**Session 14F: Societal Impact of Research**

**Room 236**

Session Chair: Catherine Beaudry

**Disentangling the societal discourse on Covid-19 in Belgium:**

**Scientists communicating in the written press during the recent public health crisis**

Hans Jonker and Olivier Delmarcelle

**A Toolkit for Demonstrating Societal and Economic Impact of University Research**

Andrew Plume, Christina Zdawczyk, Alice Li, Patrick Govang, Nick Fowler and Mark F Hurwitz

**Changing Directions:**

**Steering science, technology and innovation towards the Sustainable Development Goals**

Tommaso Ciarli

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**Noon–12:30 p.m.**

**SESSION 15**

**Conference Closing**

**Box Lunch**

**Room 236**

**Global Learning Center Atrium**

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## Advancing research and training in the policies, processes, management and outcomes of science and innovation

### Center for Organization Research and Design (CORD)

CORD conducts research and evaluation on the "research enterprise" with the goal of discovering approaches to improve organizational effectiveness at all levels.

**ASU** Center for Organization  
Research and Design  
Arizona State University

### Center for Science, Technology and Environmental Policy Studies (CSTEPS)

CSTEPS conducts research, evaluates policy and develops solutions for some of the world's most pressing challenges at the nexus of scientific, societal, technological and environmental change.

**ASU** Center for  
Science, Technology and  
Environmental Policy Studies  
Arizona State University

### Global Center for Technology Transfer (GCTT)

GCTT works to advance a broad, interdisciplinary, multi-sectoral understanding of the effectiveness of technology transfer at universities and federal/national labs and their connection to entrepreneurial and economic growth.

**ASU** Global Center for  
Technology Transfer  
Arizona State University

- Research centers that attract students, collaborators and visitors from around the globe
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Public Affairs  
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— U.S. News & World Report

[spa.asu.edu](http://spa.asu.edu)

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- Emerging technology dynamics and governance
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Contact: [deborah.cox@manchester.ac.uk](mailto:deborah.cox@manchester.ac.uk)

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## RESTAURANTS

### Atwoods Pizza Cafe

817 West Peachtree St. NW, A105  
404-748-9577  
[www.atwoodspizzacafe.com](http://www.atwoodspizzacafe.com)

### Buffalo Wild Wings 'GO'

68 5th St NW, Atlanta, GA 30308  
404-905-5010  
[www.buffalowildwings.com](http://www.buffalowildwings.com)

### Cypress Street Pint and Plate

817 W Peachtree St. NW  
404-815-9243  
[www.cypressatl.com](http://www.cypressatl.com)

### Georgia Tech John Lewis Student Center

351 Ferst Dr NW, Atlanta, GA 30332

### Gyro Bros

85 5th St. NW, Suite B  
404-892-5707

### Insomnia Cookies

930 Spring St. NW  
404-649-0167  
[www.insomniacookies.com](http://www.insomniacookies.com)

### J. Christopher's

950 W Peachtree St. NW  
[www.jchristophers.com](http://www.jchristophers.com)

### Moe's Southwest Grill

85 5th St. NW, Suite C  
404-541-9940  
[www.moes.com](http://www.moes.com)

### Ray's New York Pizza

26 5th St. NW  
404-888-9911  
[www.raysnewyorkpizza.com](http://www.raysnewyorkpizza.com)

### Rowdy Tiger Whiskey Bar & Kitchen

866 W Peachtree St. NW  
678-412-2402  
[www.rowdytigeratlanta.com](http://www.rowdytigeratlanta.com)

### Starbucks @ Georgia Tech Bookstore

48 5th St. NW  
404-894-1858  
[www.starbucks.com](http://www.starbucks.com)

### Subway

85 5th St. NW, Suite D-2  
[www.subway.com](http://www.subway.com)

### Taco Bell

930 Spring St. NW  
[www.tacobell.com](http://www.tacobell.com)

### The Collective Food Hall @ Coda

756 W Peachtree St NW #225  
[www.thecollectivefoodhall.com](http://www.thecollectivefoodhall.com)

### There on Fifth

22 5th St NW  
678-705-5021

### Tiff's Treats

848 Spring St.  
404-649-6291  
[www.cookiedelivery.com](http://www.cookiedelivery.com)

### Tin Drum Asian Kitchen

88 5th St. NW  
404-881-1368  
[www.tindrumcafe.com](http://www.tindrumcafe.com)

### Twisted Kitchen

930 Spring St. NW  
[www.twistedkitchen.net](http://www.twistedkitchen.net)

### Marlow's Tavern

950 West Peachtree St  
[www.marlowstavern.com](http://www.marlowstavern.com)

### McCray's Tavern

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Atlanta, GA 30309  
404-937-6444  
[www.mccraystavern.com](http://www.mccraystavern.com)

### Momonoki

95 8th St. NW #100  
404-390-3025  
[www.momonokiatl.com](http://www.momonokiatl.com)

### Pho King

950 W Peachtree St. NW  
[www.phokingrestaurant.com](http://www.phokingrestaurant.com)

### PONKO Chicken

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404-975-2316  
[www.ponkochicken.com](http://www.ponkochicken.com)

### Umma's House

75 5th St. NW  
404-477-3255  
[www.ummashouse.com](http://www.ummashouse.com)

### The Varsity

61 North Ave. NW  
404-881-1706  
[www.thevarsity.com](http://www.thevarsity.com)

### Waffle House

66 5th St. NW  
404-872-0028  
[www.wafflehouse.com](http://www.wafflehouse.com)

### Which Wich

915 W Peachtree St. NW  
[www.whichwich.com](http://www.whichwich.com)

## HOSPITAL

### Emory University Hospital Midtown

550 Peachtree St. NE  
404-686-4411  
[www.emoryhealthcare.org](http://www.emoryhealthcare.org)

## ATMS/BANKS

### Georgia Tech Hotel ATM

800 Spring St.  
404-347-9440

### PNC Bank

75 5th St. NW  
404-897-5688  
[www.pnc.com](http://www.pnc.com)

### Wells Fargo

645 State St.  
[www.wellsfargo.com](http://www.wellsfargo.com)

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### Barnes & Noble @ Georgia Tech Bookstore

48 5th St. NW  
404-894-2515

### Caleris Solutions

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404-876-9667  
[www.calerisolutions.com](http://www.calerisolutions.com)

### CVS

842 Peachtree St. NE  
Main: 404-881-1605  
Pharmacy: 404-892-8468  
[www.cvs.com](http://www.cvs.com)

### Great Clips

74 5th St NW  
[www.greatclips.com](http://www.greatclips.com)

### Publix

The Plaza Midtown  
950 W. Peachtree St. NW  
Main: 404-253-3544  
Pharmacy: 404-253-3547  
[www.publix.com](http://www.publix.com)

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### Atlanta Symphony Hall

1280 Peachtree St. NE  
404-733-4800  
[www.aso.org](http://www.aso.org)

### Bobby Dodd Stadium

Georgia Tech Sports Hall of Fame  
150 Bobby Dodd Way  
[www.ramblinwreck.com](http://www.ramblinwreck.com)

### Centennial Olympic Park

265 Park Ave. West NW  
404-223-4412  
[www.gwcca.org/centennial-olympic-park](http://www.gwcca.org/centennial-olympic-park)

### College Football Hall of Fame

250 Marietta St. NW  
404-880-4800  
[www.cfbhall.com](http://www.cfbhall.com)

### Ferst Center for the Arts

349 Ferst Dr.  
404-894-9600  
[www.arts.gatech.edu](http://www.arts.gatech.edu)

### Fox Theatre

660 Peachtree St. NE  
855-285-8499  
[www.foxtheatre.org](http://www.foxtheatre.org)

### Georgia Aquarium

225 Baker St.  
404-581-4000  
[www.georgiaaquarium.org](http://www.georgiaaquarium.org)

### High Museum

1280 Peachtree St. NE  
404-733-HIGH (4444)  
[www.high.org](http://www.high.org)

### Martin Luther King, Jr. National Historical Park

450 Auburn Ave NE  
404-331-5190 x5046  
[www.nps.gov](http://www.nps.gov)

### National Center for Civil and Human Rights

100 Ivan Allen Jr. Blvd NW  
678-999-8990  
[www.civilandhumanrights.org](http://www.civilandhumanrights.org)

### SkyView Atlanta Ferris Wheel

168 Luckie St. NW  
678-949-9023  
[www.skyviewatlanta.com](http://www.skyviewatlanta.com)

### State Farm Arena

1 State Farm Dr, Atlanta, GA 30303  
[www.statefarmarena.com](http://www.statefarmarena.com)

### World of Coca-Cola

121 Baker St. NW  
1-800-676-COKE (2653)  
or 404-676-5151  
[www.worldofcoca-cola.com](http://www.worldofcoca-cola.com)



Global  
Learning Center





★ Georgia Tech Global Learning Center  
GTPE (Professional Education)

M MARTA Station

T Tech Trolley Stop

1 Amazon@GeorgiaTech

2 Atwoods Pizza Cafe

3 Barnes & Noble @ Georgia Tech  
Bookstore

4 Buffalo Wild Wings 'GO'

5 Cypress Street Pint and Plate

6 Georgia Tech Hotel and  
Conference Center

7 Great Clips

8 Gyro Bros

9 Caleris Solutions

10 Moe's Southwest Grill

11 PNC Bank

12 PONKO Chicken

13 Ray's New York Pizza

14 Starbucks @  
Georgia Tech Bookstore

15 Subway

16 The Collective @ Coda

17 There on Fifth

18 Tiffs Treats

19 Tin Drum Asian Kitchen

20 Umma's House

21 Waffle House

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