

INSNA Sunbelt 2023

Event Schedule

Tue, Jun 27, 2023

7:00 AM

Online - Personal Networks

🕒 7:00 AM - 8:40 AM, Jun 27

📍 Online

Personal Netwo...

Session Chair: Till Hovestadt

👤 Speakers



Till Hovestadt

PhD Student
Leipzig University



Alexi Quintana Mathé

Phd Student
Network Science Institute @Northeastern



Marjan Cugmas

Faculty of Social Sciences, University of Ljubljana



Jeffrey Grierson

Professor of Health and Social Care
Anglia Ruskin University



Thabo Van Woudenberg

5 Subsessions

● **Homophily patterns in a large-scale sample of ego networks from the United States**

🕒 7:00 AM - 8:40 AM, Jun 27

📍 Online

● **Socio-Economic Segregation of Students' Social Networks in Highschool**

🕒 7:00 AM - 8:40 AM, Jun 27

📍 Online

● **On the longevity of mentoring collaboration: mentor-mentor and mentor-mentee perspectives**

🕒 7:00 AM - 8:40 AM, Jun 27

📍 Online

● **Epistemic Trust, Mentalisation and Interprofessionality: Does Social Network Analysis aid in operationalising these constructs in practice?**

🕒 7:00 AM - 8:40 AM, Jun 27

📍 Online

● **Do Dictators Have the Most Friends? Prosocial Behaviors in Adolescents' Social Networks.**

🕒 7:00 AM - 8:40 AM, Jun 27

📍 Online

8:00 AM

Registration

🕒 8:00 AM - 5:00 PM, Jun 27

📍 Pavilion Foyer

9:00 AM

Introduction to Network Analysis Tools in R

🕒 9:00 AM - 12:00 PM, Jun 27

📍 Galleria I

Pre-registration required.

Michal Bojanowski, Lorien Jasny

Those wishing to use the R programming language for network analysis now have a plethora of choices when it comes to libraries. In this workshop, we survey the main packages used for network data management, analysis, and visualization. We will cover 1) importing network data (from actual files), 2) network objects and attributes, 3) computing basic descriptives (attribute distribution, mixing matrix, density, degrees, betweenness, closeness), and 4) visualization (layouts, node aesthetics). These will be done side by side for the different packages, as well as discussion of the strengths and weaknesses of each. We conclude with time for attendees to work either on toy datasets or with their own data with help from instructors. This workshop is a unification of workshops "Using R and 'igraph' for Social Network Analysis" and "Introduction to Social Network Analysis with R and statnet" that has been offered on Sunbelt and EUSN conferences since 2011. It will serve as an introduction for those wishing to take "Moving beyond descriptives", "Using 'igraph' for SNA: advanced topics", "An introduction to ERGM with Statnet", or other Statnet-related workshops on the program.

👤 Speakers



Michal Bojanowski

Assistant professor
Universitat Autònoma de Barcelona



Lorien Jasny

Spatial Social Network Analysis with Geographic Information Systems (GIS)

🕒 9:00 AM - 12:00 PM, Jun 27

📍 Galleria II

Pre-registration required.

Clio Andris

This workshop will outline principles for analyzing social networks whose nodes are linked to points or places in geographic space, i.e. spatial social networks (SSNs). SSNs can be analysed using cross-cutting methods in GIS and in SNA. Participants will learn how to add geographic data to SN nodes, calculate whether edges cross boundaries of interest, and calculate whether "powerful" nodes cluster in geographic space. They will also be able to make a basic map of their data. After hands on activities, participants will be exposed to tutorials that teach more advanced cost-based models, including travel time or traversal over land use. Participants can bring their own datasets or use one of the datasets that is supplied in the tutorial. Participants will learn about best practices for using and formatting SSN data. We plan to use a mixture of R and ArcGIS/QGIS. Prior knowledge of basic SNA metrics and descriptors is recommended. No background in GIS is needed. A laptop is recommended for this exercise. We recommend, if possible, that students bring PCs, although this is not a requirement.

👤 Speaker



Clio Andris

Associate Professor
Georgia Tech

Introduction to Exponential Random Graph Models (ERGMs) using Statnet

🕒 9:00 AM - 12:00 PM, Jun 27

📍 Galleria III

Pre-registration required.

Carter T. Butts, Steven M. Goodreau

This workshop provides a hands-on tutorial to using exponential-family random graph models (ERGMs) for statistical analysis of social networks, using the “ergm” package in statnet. The ergm package provides tools for the specification, estimation, assessment and simulation of ERGMs that incorporate the complex dependencies within networks. Topics covered in this workshop include:

- an overview of the ERGM framework
- types of terms used in ERGMs
- defining and fitting models to empirical data
- interpreting model coefficients
- goodness-of-fit and model adequacy checking
- simulation of networks using fitted ERG models
- degeneracy assessment and avoidance.

Workshop website: <https://statnet.org/workshop-ergm/>

🗨️ Speakers



Carter Butts

Professor
University of California, Irvine



Steven Goodreau

Professor
University of Washington

Mixed Methods Research into Social Networks

🕒 9:00 AM - 4:30 PM, Jun 27

📍 Broadway I

Pre-registration required.

Betina Hollstein, Elisa Bellotti

The workshop focuses on the use of mixed methods research designs when studying whole and ego-centered social networks. The workshop will be conducted in two parts. The first part introduces social network qualitative research and the principles of mixed methods research designs and its contributions to the study of social networks, pointing out advantages and challenges of this approach. Illustrations of the theoretical and methodological aspects are given by bringing examples from a variety of fields of research. The second part is devoted to the presentation of concrete procedures to apply mixed methods in network research both at the level of data collection and analysis. This part includes an introduction of different approaches to the collection of whole and ego-centered network data, i.e. interviews, ethnographic methods, archival data, together with visual instruments. It then moves to the analysis of the quantitative and qualitative dimensions of network relationships and structures in a mixed method perspective.

🗨️ Speaker



Betina Hollstein

Professor of Sociology
University of Bremen

From Webscraping to Social Network Analyses: Structure and Evolution of Scientific Co-publishing Networks

🕒 9:00 AM - 4:30 PM, Jun 27

📍 Broadway II

Jochem Tolsm, Bas Hofstra, Anne Maaïke Mulders, Rob Franken

In this workshop you will first collect and then analyze academic departmental co-publishing networks. In the workshop's Part 1 you learn to webscrape scientific metadata of scientific departmental websites (via R packages like rvest and RSelenium), assign name-based gender and ethnicity signals, retrieve scholars' publications, and construct longitudinal co-publishing networks. In Part 2, you learn to analyze the structure and evolution of these networks by means of RSiena. You will answer questions such as: are co-publishing networks segregated by scientific success? And is success-based segregation in co-publishing networks the result of departmental characteristics, structural network effects, influence processes and selection processes? For each step, we provide clear (proof-of-principle) coding examples and output data, ensuring you will not get stuck along the way. Depending on skills and progress, you might analyze your own chosen departments. You will keep track of your work via a labjournal on GitHub.

Prerequisites:

- Intermediate familiarity with working in R (base and tidyverse),
- A beginner's understanding of SNA via stochastic actor-orientated models
- Entry-level of git, and GitHub

🗣️ Speakers



Jochem Tolma

Professor
University of Groningen



Bas Hofstra

Assistant Professor
Radboud University



Anne Maaïke Mulders

PhD candidate
Radboud University Nijmegen



Rob Franken

Phd student
Radboud University Nijmegen

Using patent data for collaboration network analysis. An application with USTPO data in PatentsView

🕒 9:00 AM - 4:30 PM, Jun 27

📍 Broadway III

Pre-registration required.

Sergio Palomeque, Pablo Galaso

This workshop aims to provide practical training in the use of patent data for the study of collaborative networks. Participants will learn how to apply Back Bone Extraction (BBE) techniques that allows to identify significant links to approach the phenomenon of collaboration. Also some examples of research works that have used patent data will be presented and some of the general limitations of this type of data. Special emphasis will be placed on the technologies associated with patents and how to use them from a social network analysis perspective, allowing this methodology to be applied to units of analysis that are not people or organisations, but rather technological fields.

The specific objectives offered by the workshop to its participants are: (i) to become familiar with patent data and its usefulness for the study of network analysis, (ii) to become familiar with the main literature on the subject, (iii) to download USPTO data available through the PatentsView platform, (iv) to learn about and process the different tables included in the database, (v) to build (using R) different types of collaborative networks from this data, and (vi) to analyse these networks, emphasising some stylised facts common to this type of interactions.

🗣️ Speakers



Sergio Palomeque
IECON - FCEA - UdelaR



Pablo Galaso

Integrating SNA and Text Mining: Business Intelligence Through the SBS BI App

🕒 9:00 AM - 4:30 PM, Jun 27

📍 Parlor B

Pre-registration required.

Andrea Fronzetti Colladon, Francesca Grippa

Leveraging the power of big data represents an opportunity for researchers and managers to reveal patterns and trends in social behaviors and consumer perceptions. This workshop shows how to successfully integrate Text Mining with Social Network Analysis for business and research. It presents the Semantic Brand Score (SBS) and other powerful methods and tools for analyzing semantic networks, studying brand/semantic importance, and performing advanced NLP tasks. The workshop also describes the functionalities of the SBS Business Intelligence App (SBS BI), designed to produce a wide range of analytics and mine textual data. We discuss several case studies and show how these methods have been used, for example, to predict tourism trends, select advertising campaign testimonials, or make economic, financial, and political forecasts. SBS BI analytical power extends beyond “brands”, comprising applications to study: commercial brands (e.g., Pepsi vs. Coke); products (e.g., pasta vs. pizza); personal brands (e.g., name and image of political candidates); set of words representing values (e.g., a company’s core values) or concepts related to societal trends (e.g., terms used in media communication that impact consumers’ feeling about the state of the economy). Combining text analysis with network science can change how we make decisions and manage organizations in the era of big data.

More info about the workshop is available here: <https://learn.semanticbrandscore.com>

🗣️ Speakers



Andrea Fronzetti Colladon
Associate Professor
University of Perugia



Francesca Grippa

Longitudinal Network Analysis with SAOMs using RSiena - Beginner Level

🕒 9:00 AM - 4:30 PM, Jun 27

📍 Parlor C

Pre-registration required.

Robert Krause

In this workshop we will learn about the theoretical foundations of and how to practical apply the Stochastic Actor-Oriented Model for longitudinal network analysis. The SAOM is designed to analyze network panel data observed at multiple (at least two) discrete time points. The model is also applicable for multiplex data (at least two different types of relations or changing attributes and networks). We will analyze SAOMs using the RSiena package implemented in the statistical software R. The first part of the workshop will focus on network evolution, the second part on co-evolution of networks and attributes. Basic familiarity in R is helpful (see for instance <https://r4ds.had.co.nz/> for a free workshop). Suggested reading: Snijders, van de Bunt & Steglich, 2010; Steglich, Snijders & Pearson, 2010; Snijders, 2017; Kalish, 2020)

🗣️ Speaker



Robert Krause
Assistant Professor
University of Kentucky

12:00 PM

Online - Network Theory

🕒 12:00 PM - 1:40 PM, Jun 27

📍 Online

Network The...

Session Chair: Muhieddine Shebaro

🗣️ Speakers



Muhieddine Shebaro
Doctoral Instructional Assistant
Texas State University



Y. Jessica Cheng
Northwestern University



Sarah Nguyen
Researcher
University of Washington, Seattle



Karina Arias Yurisch
Associated Professor
Universidad de Santiago de Chile



Mrinal Ranjan
Teaching Assistant
University of Texas Health Science Center at Houston

5 Subsessions

● **Identifying Stable States of Large Signed Graphs**

🕒 12:00 PM - 1:40 PM, Jun 27

📍 Online

● **Returning to the Office: The Role of Perceived Power and Social Networks in the Post-Pandemic Workplace**

🕒 12:00 PM - 1:40 PM, Jun 27

📍 Online

● **Cohesions and collisions of media sources among the Vietnamese Diaspora: Generational Differences in Political Media Use and Trust**

🕒 12:00 PM - 1:40 PM, Jun 27

📍 Online

● **Analyzing intermunicipal governance structure and the levels of cooperation: An application of Ecology games framework in Santiago Metropolitan Region**

🕒 12:00 PM - 1:40 PM, Jun 27

📍 Online

● **Longitudinal Effects of Child's functioning and perceived social support on parent's mental health in evolving social networks**

🕒 12:00 PM - 1:40 PM, Jun 27

📍 Online

1:30 PM

Considering Research Teams as Small Social Networks Instead of Hierarchical Structures: Workshop on Stakeholders' Participation in Science

🕒 1:30 PM - 4:30 PM, Jun 27

📍 Galleria I

Pre-registration required.

Claude Julie Borque, Michel Duval, Marta Martisella

In health research, the participation of stakeholders – such as resource patients and families as well as community leaders – is becoming a norm expected to be met, from proposals to publication. But how to reach genuine participation without falling into tokenism or creating frustration and communication problems? In the past years, we have experienced many ways to collaborate with non-scientific team members who bring their precious experiential knowledge to research projects. This workshop is based on the recently launched HECO Network involving patients, parents, clinicians, and community leaders in a project aiming at finding innovative ideas to optimize tools and procedures used for the recruitment and support of participants in clinical research trials in pediatric oncology. We will share a step-by-step strategy and tools used for recruitment, orientation, training and supervision, as well as quality and performance control of collaborative activities in our small research network. The items used for the workshop are based on published works, and we will show how we adapted them for this specific project to help participants understand how they could mobilize our approach in their projects.

🗣️ **Speakers**



Claude Julie Bourque

Professor
Université de Montréal



Michel Duval



Marta Martisella

Conducting personal networks research with Network Canvas

🕒 1:30 PM - 4:30 PM, Jun 27

📍 Galleria II

Pre-registration Required

Michelle Birkett, Gregory Phillips II, Bernie Hogan, Joshua Melville, Kate Banner, Caden Buckhalt, Patrick Janulis, Noshir Contractor

Network Canvas (<http://www.networkcanvas.com>) is a free and open-source software suite that facilitates the collection of self-reported social network data. It uses touch-optimized interfaces in an interviewer-assisted environment, and can be installed on Windows, Mac, Linux, and ChromeOS devices, allowing you to use tablets as well as laptops to collect data. Since Network Canvas is designed for interview settings, it makes the flow of the interview as smooth as possible. In this workshop, we will teach you to use Architect, the visual interview builder, as well as the main software, Interviewer, which is used in the field to collect data directly from participants. We will also address common questions related to data export and analysis, as well as cover planned developments for the tool based on user feedback. This workshop will provide a comprehensive introduction to implementing research projects in the Network Canvas suite. Expect the opportunity to engage in hands-on exercises during the session with assistance from our team. When completed, you will acquire the skills to:

- Design an egocentric or whole network interview
- Deploy and manage a study
- Obtain data from field devices, and export it for analysis

Attendee prerequisites:

- Attendees should have a basic understanding of social network data capture.
- Participants should download and install the Network Canvas Architect and Interviewer apps from the project website (<https://networkcanvas.com/download.html>) prior to the workshop.

Essential:

- Participants must bring their own device that runs Windows 10 (1909) or newer, or macOS 10.15.4 or newer, or Linux.

Optional:

- Participants are welcome to bring additional devices (tablet computers running Android 10 or newer, and iPadOS 14.2 or newer, or select models of Chromebook) to explore the software on other systems or devices.
- Attendees are encouraged to watch our 7-minute project overview video to gain familiarity of the project and tool: <https://www.youtube.com/watch?v=Xzfe6j-LnII>

🗨 Speakers



Michelle Birkett

Associate Professor
Northwestern University, Feinberg School of Medicine



Gregory Phillips II

Assistant Professor
Northwestern University



Bernie Hogan

Senior Research Fellow
University of Oxford



Joshua Melville

Lead Developer
Northwestern University



Kate Banner



Caden Buckhalt

Developer Associate
Northwestern University



Patrick Janulis

Assistant Professor
Northwestern University



Noshir Contractor

Jane A. & William J. White Professor of Behavioral Sciences
Northwestern University

Modeling Relational Event Dynamics with statnet

🕒 1:30 PM - 4:30 PM, Jun 27

📍 Galleria III

Pre-registration required

Carter T. Butts

This workshop session will provide an introduction to the analysis and simulation of relational event data (i.e., actions, interactions, or other events involving multiple actors that occur over time) within R/statnet platform. We will begin by reviewing the basics of relational event modeling, with an emphasis on models with piecewise constant hazards. We will then discuss estimation, assessment, and simulation of dyadic relational event models using the relevant package, with an emphasis on hands-on applications of the methods and interpretation of results. Attendees are expected to have had some prior exposure to R and statnet, and completion of the "Introduction to Network Analysis with R and statnet" workshop session is suggested (but not required) as preparation for this session. Familiarity with parametric statistical methods is strongly recommended, and some knowledge of hazard or survival analysis will be helpful.

statnet is a collection of packages for the R statistical computing system that supports the representation, manipulation, visualization, modeling, simulation, and analysis of relational data. statnet packages are contributed by a team of volunteer developers, and are made freely available under the GNU Public License. These packages are written for the R statistical computing environment, and can be used with any computing platform that supports R (including Windows, Linux, and Mac). statnet packages can be used to handle a wide range of simulation and analysis tasks, including support for large networks, statistical network models, network dynamics, and missing data.

🗣️ Speaker



Carter Butts
Professor
University of California, Irvine

Advanced ERGMs using statnet

🕒 1:30 PM - 4:30 PM, Jun 27

📍 Park

Pre-registration required.

David Hunter, Pavel Krivitsky

This workshop will provide a tutorial of advanced usage of ergm and extension packages, focusing on binary networks. Topics include specifying complex structural constraints, estimation tuning, use of term operators, and observational (e.g., missing data) structure. Also included is using the new ergm.multi package for modelling multilayer and multimode networks, as well as joint models of ensembles of networks. Prerequisites: Familiarity with R and ergm. If new to ERGMs, the workshop ERGMs using statnet is strongly suggested.

website: <https://statnet.org/workshop-advanced-ergm/>

7:00 PM

Online - Political Networks 1

🕒 7:00 PM - 8:20 PM, Jun 27

📍 Online

Political Networ...

Session Chair: Rizza Kaye Cases

🗣️ Speakers



Aliza Rafique



Rizza Kaye Cases
Assistant Professor
Department of Sociology, University of the Philippines Diliman



Leslie Tkach-Kawasaki
Professor
University of Tsukuba



Junku Lee
Ph.D. Candidate
University of Tsukuba

4 Subsessions

● **Pakistan Floods 2022: A Network Analysis on Humanitarian Aid and Emergency Response**

🕒 7:00 PM - 8:20 PM, Jun 27

📍 Online

● **Brokerage roles and practices of state and non-state actors in international labour migration: Mediating labour mobility from the Philippines to Central and Eastern Europe**

🕒 7:00 PM - 8:20 PM, Jun 27

📍 Online

● **Exploring Japanese Diet Legislator Issue Networks Through Website Hyperlinks and Visual Media**

🕒 7:00 PM - 8:20 PM, Jun 27

📍 Online

● **The Presidential Election in 2022 and the Legislative Cosponsorship Networks Related to the Environmental Area in South Korea**

🕒 7:00 PM - 8:20 PM, Jun 27

📍 Online

Wed, Jun 28, 2023

7:00 AM

Online - Modeling and Networks

🕒 7:00 AM - 9:00 AM, Jun 28

📍 Online

Modeling and Netw...

Session Chair: Sarah Shugars

🗣️ Speakers



Sarah Shugars

Assistant Professor
Rutgers University



Jan Majewski

PhD student
Nicolaus Copernicus University



Aliakbar Akbaritabar

Postdoctoral researcher
Max Planck Institute for Demographic Research (MPIDR)



Liliane Manny

Postdoctoral Fellow
Imperial College London



Beata Łopaciuk-Gonczyk

Associate Professor
University of Warsaw, Faculty of Economic Sciences

5 Subsessions

● **A global bibliometric perspective on the social structure of science**

🕒 7:00 AM - 9:00 AM, Jun 28

📍 Online

● **From conventional urban water systems to sustainable blue-green infrastructures: a social-ecological-technical network approach**

🕒 7:00 AM - 9:00 AM, Jun 28

📍 Online

● **Relationship between need of cognitive closure and personal network homophily - moderating role of trust**

🕒 7:00 AM - 9:00 AM, Jun 28

📍 Online

● **Supreme Court from Networks III: how an ABM can help with the efficiency of the law**

🕒 7:00 AM - 9:00 AM, Jun 28

📍 Online

● **Information Flows and the Structure of Online Discourse**

🕒 7:00 AM - 9:00 AM, Jun 28

📍 Online

8:00 AM

Registration

🕒 8:00 AM - 5:00 PM, Jun 28

📍 Pavilion Foyer

9:00 AM

Online - Climate, Environment and Disasters

🕒 9:00 AM - 11:00 AM, Jun 28

📍 Online

[Climate, Environment and D...](#)

Session Chair: Raffaele Vardavas

🚩 Speakers



Raffaele Vardavas

Mathematician
RAND Corporation



Lawrence Baker

Assistant Policy Researcher
RAND Corporation



Casey Randazzo

Rutgers University



Julien Vanhulst

Profesor
Universidad Católica del Maule



Yasmin Koop-Monteiro

PhD candidate
University of British Columbia



Michael Anthony Zurek-Ost

Post-doctoral Associate
University of Florida



John Hood

University of Florida
PhD Candidate



Patricio Andrés Padilla Navarro

6 Subsessions

● **Harmonizing Population-Based and Agent-Based Models based on Network Percolation for Disease transmission Dynamics**

🕒 9:00 AM - 11:00 AM, Jun 28

📍 Online

● **Negotiating Solutions to Community Challenges: The Conversational Dynamics of an Online Neighborhood Forum**

🕒 9:00 AM - 11:00 AM, Jun 28

📍 Online

● **Examination of Nation-State Roles within Global Mobility Networks and their Relationships with Geopolitical, Socioeconomic, and Environmental Drivers**

🕒 9:00 AM - 11:00 AM, Jun 28

📍 Online

● **Network Modeling of Human Mobility and Environmental Change in Oceania: A Multilayer Analysis of Drivers of Pacific Island Migration**

🕒 9:00 AM - 11:00 AM, Jun 28

📍 Online

● **Climate change and animals: A discourse network analysis of Instagram posts**

🕒 9:00 AM - 11:00 AM, Jun 28

📍 Online

● **The science of sustainability: An inter-organizational approach to the Latin American Network**

🕒 9:00 AM - 11:00 AM, Jun 28

📍 Online

Introduction to Temporal Exponential Random Graph Models (TERGMs) using Statnet

🕒 9:00 AM - 12:00 PM, Jun 28

📍 Broadway I

Pre-registration required.

Steven M. Goodreau, Carter T. Butts

This workshop and tutorial provide a hands-on introduction to working with temporal network data in Statnet: from exploratory data analysis and visualization to statistical modeling with Temporal Exponential-Family Random Graph Models (TERGMs). TERGMs are a broad, flexible class of models for representing the structure and dynamics observed in temporal networks. They can be used for both estimation from and simulation of dynamic network data. The topics covered in this workshop include:

- A brief overview of exploratory data analysis with temporal network data (using the Statnet packages 'tsna' for descriptive statistics and 'ndtv' to create network movies)
- Different types of dynamic network data (network panel data, a single cross-sectional network with link duration information, and cross-sectional, egocentrically sampled network data)
- Model estimation tools for each type of data using the Statnet package `tergm`
- Model diagnostics in `tergm`
- Simulating dynamic networks from fitted models with `tergm`.

These methods can be used with both fixed and changing node sets.

Prerequisites:

- Familiarity with R and the Statnet package "ergm"

👤 Speakers



Steven Goodreau
Professor
University of Washington



Carter Butts
Professor
University of California, Irvine

Social Network Approaches for Behavior Change

🕒 9:00 AM - 12:00 PM, Jun 28

📍 Broadway II

Pre-registration required.

Tom Valente

This workshop introduces the many ways that social networks influence individual and network-level behaviors. It also provides a brief introduction to analytic approaches for understanding network influences on behaviors; and reviews existing evidence for the utility of using social network data for behavior change in a variety of settings including health behaviors and organizational performance. The workshop presents a typology of network interventions and reviews existing evidence on the effectiveness of network interventions. (Students familiar with the R environment may follow an R script written to demonstrate the 24 or so tactical interventions presented.) No software or computing requirements are needed. The workshop will be conducted by Tom Valente who has been developing and implementing network-based interventions for over 20 years. No pre-requisites.

👤 Speaker



Thomas Valente
Professor
University of Southern California

Latent network modelling for networks based on multiple (imperfect) reports: An introduction to the VIMuRe package in R and Python

🕒 9:00 AM - 12:00 PM, Jun 28

📍 Broadway III

Pre-registration required.

Eleanor Power, Jonathan Cardoso Silva, Daniel Redhead

In this workshop, we will introduce the new package "VIMuRe" (Variational Inference for Multiply-Reported network data). This package (with versions in both R and Python) provides a principled way to deal with social network data gathered through self reports, where multiple individuals comment on what should nominally be the same relationship (e.g., through "double sampling" or "cognitive social structure" designs). Often, such reports do not agree (i.e., they show low concordance), so the question is then how to integrate these distinct perspectives. VIMuRe is a Bayesian latent network model that uses the many reports to model the "true" underlying latent network, estimating in the process the tendency for "mutuality" (for people to report balanced, reciprocal relationships across prompts) and the tendency of reporters to over- or under-report ties. We will give a practical hands-on introduction to VIMuRe using open datasets. We will help practitioners through the various decisions that need to be made in fitting the model and outline what can be done with the various outputs. More on the package can be found at: <https://latentnetworks.github.io/vimure/>

👤 Speakers



Eleanor Power

London School of Economics and Political Science



Daniel Redhead

Max Planck Institute for Evolutionary Anthropology



Jon Cardoso-Silva

London School of Economics and Political Science
Assistant Professor of Data Science

Simulating Complex Agent-Based Model with epiworldR: A fast and flexible ABM framework

🕒 9:00 AM - 12:00 PM, Jun 28

📍 Broadway IV

Pre-registration required.

George G Vega Yon, Derek Meyer

Despite significant medical advances, infectious diseases continue to prevail worldwide, accounting for over 17 million deaths yearly (WHO). This workshop introduces epiworldR, an R package that provides a fast (C++ backend) and highly-customizable framework for building network-based transmission/diffusion agent-based models [ABM]. This package provides valuable information that may aid in making informed, evidence-based policy decisions for the general population and performing complex simulation studies. epiworldR delivers a flexible tool that can capture transmission/diffusion dynamics complexity resulting from agents' heterogeneity, network structure, transmission dynamics, environmental factors (e.g., policies,) and many other elements. Some key features of epiworldR are the ability to construct multi-disease models (e.g., models of competing multi-pathogens/multi-rumor,) design mutating pathogens, architect population-level interventions, and build models with an arbitrary number of compartments/states (beyond SIR/SEIR.) Moreover, epiworldR is really fast; for example, simulating a SIR model with 100,000 agents for 100 days takes less than 1/3 of a second.

The workshop will be 100% hands-on and will feature examples of simulating multi-disease/rumor models, policy intervention models, mutating variants, and creating models with arbitrary compartments. Participants should have a working knowledge of R (e.g., some experience with statnet).

👤 Speakers



George Vega Yon

Research Assistant Professor, Epidemiology
University of Utah



Derek Meyer

Graduate Research Assistant
University of Utah

Interactive Tools and Teaching Methods for Motivating Social Network Thinking

🕒 9:00 AM - 12:00 PM, Jun 28

📍 Galleria I

Pre-registration required.

Brennan Antone, Kyosuke Tanaka, Diego Gómez-Zarà, Y. Jasmine Wu, Vsevolod Suschevskiy, Noshir Contractor

Interactive teaching methods help learners internalize key concepts about social networks, as well as apply these concepts in their social and professional lives. This 3-hour workshop introduces five different interactive teaching exercises developed at Northwestern University's Science of Networks in Communities (SONIC) research group. It trains attendees with the tools and techniques they need to run these exercises in classes, workshops, or organizations. The first exercise, 6-DOS (Six Degrees of Separation), helps participants consider their network awareness and strategies to enhance this awareness. The second exercise, PNR (Personal Network Report), guides participants through reflecting and strategizing on building their own networks in a professional or academic context. Third, the ERGM Builder exercise is an agent-based teaching tool designed to help participants understand and reason about statistical models of networks. Fourth, MDT (My Dream Team) is a platform for helping participants assemble teams and make new connections by leveraging search and algorithmic tools. Finally, RAD (Relational Analytics Dashboard) is a teaching case and demonstration to help students understand how network-enabled people analytics can shape decision making in organizations. We provide a live demonstration of each teaching exercise, as well as distribute slides/material and instructional guides for each exercise.

🗣️ Speakers



Brennan Antone

PhD
Cornell University



Kyosuke Tanaka

Postdoc
Aarhus University



Diego Gómez-Zarà



Y. Jasmine Wu

Ph.D. Candidate
Northwestern University



Vsevolod Suschevskiy

Graduate Research Assistant
Northwestern University



Noshir Contractor

Jane A. & William J. White Professor of Behavioral Sciences
Northwestern University

Egocentric Network Data Analysis with ERGMs

🕒 9:00 AM - 12:00 PM, Jun 28

📍 Galleria II

Pre-registration required.

Michal Bojanowski, Pavel Krivitsky

This workshop provides an introduction to analyzing egocentrically sampled data with exponential-family random graph models (ERGMs) for statistical network analysis. It is a hands-on workshop demonstrating how to fit, diagnose and simulate both static and dynamic ERG models from such data, using the `ergm.ego` package, part of the integrated Statnet software collection in R. Topics covered in this session include:

- a review of approaches to analyzing egocentrically sampled data
- an overview of the statistical theory that supports the use of ERGMs for egocentrically sampled networks
- defining and fitting ERGMs to egocentric data
- interpreting model coefficients
- checking goodness-of-fit and model adequacy
- simulating complete networks from the specified ERG models.

This workshop assumes basic familiarity with R, experience with network concepts, terminology and data, and familiarity with the basic principles of statistical modeling and inference. Previous experience with ERGMs is not required, but is strongly recommended (the introductory ERGM workshop is a good place to start).

👤 Speakers



Michal Bojanowski

Assistant professor
Universitat Autònoma de Barcelona



Pavel Krivitsky

Senior Lecturer in Statistics
University of New South Wales

Introduction to Social Network Data Collection with an Emphasis on Social Survey Methods

🕒 9:00 AM - 12:00 PM, Jun 28

📍 Galleria III

Pre-registration required.

David Tindall

This workshop is intended for relative newcomers to social network analysis. The workshop will provide an introduction to social network data collection with an emphasis on social survey methods. The workshop will consider a variety of related methodological issues such as research design, measurement, sampling, data analysis, and ethics, as well as the linkage of these issues to data collection. Different types of data collection techniques will be illustrated such as the name generator, position generator, and name roster. The different opportunities and constraints associated with data collection for whole versus ego-networks will be considered. Some discussion of non-survey techniques may also be provided. Some attention may also be given to mixed methods.

👤 Speaker



David Tindall

Professor
University of British Columbia

12:00 PM

Online - Team Science and Recombinant Innovation

🕒 12:00 PM - 1:40 PM, Jun 28

📍 Online

Team Science and Recombinant I...

Speakers



Thomas Bryan Smith

Postdoctoral Associate
University of Florida



Edward Seh-Taylor

Graduate Research Assistant
University of Florida



Christopher Mccarty

Professor and Associate Dean
University of Florida



Yongseok Lee

Postdoctoral Associate
University of Florida



Himanshu Yadav

Graduate Assistant
University of Florida

5 Subsessions

● What is the community? Cultural consensus analysis of CTSA stakeholders

🕒 12:00 PM - 1:40 PM, Jun 28

📍 Online

● Leveraging team science? Evaluating the impact of translational research funding and services on scientific collaboration

🕒 12:00 PM - 1:40 PM, Jun 28

📍 Online

● Emphasizing creativity? Evaluating the impact of translational research funding and services on scientific innovation in medical and public health research

🕒 12:00 PM - 1:40 PM, Jun 28

📍 Online

● Engineering Innovation: applying topological data analysis to document and topic embeddings to identify persistent gaps in scientific literature

🕒 12:00 PM - 1:40 PM, Jun 28

📍 Online

● Challenges to adopting Network-informed Policy in Higher Education

🕒 12:00 PM - 1:40 PM, Jun 28

📍 Online

1:30 PM

Welcome Ceremony

🕒 1:30 PM - 2:00 PM, Jun 28

📍 Pavilion Ballroom

2:00 PM

Coffee Break

🕒 2:00 PM - 3:00 PM, Jun 28

📍 Plaza Foyer

2:30 PM

Online - Network Methods 2

🕒 2:30 PM - 4:10 PM, Jun 28

📍 Online

[Network Metho...](#)

Session Chair: Dean Lusher

Speakers



Dean Lusher

Professor of Innovation Studies
Swinburne University of Technology



Amanda Belton

Data Scientist
University of Melbourne



Daniel Russo-Batterham

Research Data Specialist
University of Melbourne



Damian Pavlyshyn

Postdoctoral Researcher
Burnet Institute



Robert Ackland

Professor
Australian National University



Alex Stivala

Research Fellow
Università della Svizzera italiana

5 Subsessions

● Network Effectiveness: Further Considerations

🕒 2:30 PM - 4:10 PM, Jun 28

📍 Online

● Predicting mutual injecting relationships using covariate- and network topology-based methods

🕒 2:30 PM - 4:10 PM, Jun 28

📍 Online

● Identifying Echo Chambers in Political Discussion Networks on Twitter

🕒 2:30 PM - 4:10 PM, Jun 28

📍 Online

● Numbers and structural positions of women in a national director interlock network

🕒 2:30 PM - 4:10 PM, Jun 28

📍 Online

● Physicalisation : Enhancing the collection of social network data in disaster-affected communities

🕒 2:30 PM - 4:10 PM, Jun 28

📍 Online

3:00 PM

WEDPM1.1: Models and Methods for Network Analysis for Sampled Missing Data, Session 1: Relations

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria III

Session Chair: Pavel N. Krivitsky

Speaker



Pavel Krivitsky

Senior Lecturer in Statistics
University of New South Wales

6 Subsessions

● **Models and Methods for Network Analysis for Sampled or Missing Data,**

Session 1: Relations

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria III

● **Learning Joint Probability Models of Networks and Epidemics from Sampled and Missing data, with Application to the Spread of Coronavirus MERS in South Korea, 2015**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria III

● **Modelling Unobserved Ties in Covert Networks with Missing Data Models**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria III

● **Learning Network Models from Observed Sub-Networks: Revisiting the Subgraph-to-Graph Estimation Problem**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria III

● **Generalised Method of Moment Inference for Exponential-Family Random Graph Models**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria III

● **Optimal Sampling Design for Exponential-Family Random Graph Models with Block Structure**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria III

WEDPM1.2: Networks and Aging

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria II

Session Chair: Harold D. Green

🗣️ **Speaker**



Harold D. Green

Associate Professor
Indiana University School of Public Health

4 Subsessions

● **Network Structure, Composition, and Change in Adults' Personal Networks: Findings from a Longitudinal Nationally Representative Personal Network Survey of American Adults Age 30 and Older**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria II

● **Investigating the relationship between hearing loss, social network factors and hearing aid outcomes using egocentric network analysis**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria II

● **Network Resources, Dynamics, and Health in Later Life**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria II

● **Who takes the role of close kin in social networks of kinless older adults?**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria II

WEDPM1.3: Spatial and Geographic Networks

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria I

Session Chairs: Clio Andris; Zachary Neal

🔊 Speakers



Clio Andris
Associate Professor
Georgia Tech



Zachary Neal
Michigan State University

6 Subsessions

● **Spatial and Geographic Social Networks**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria I

● **Spatial Networks of Global Migration: Exploring the Role of Spatial Embedding, Digital Data Sources, and Network Communities**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria I

● **Zoonotic Infectious Disease and Spatially Dynamic Human-Domesticated Animal Interaction Networks in Rural Madagascar**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria I

● **Capturing Geographic Situation and Relationship Strategies in a Food Security Network**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria I

● **International Fisheries Conflict and Spatial Overlap Networks to Identify High-Risk Dyads**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria I

● **#GeoGraphs: A Computational Framework for Spatial Social Networks**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Galleria I

WEDPM1.4: The Complexity of Intra- and Inter-group Networks

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway IV

Session Chair: Shihan Li

🔊 Speaker



Shihan Li
Ph.D. student
Carnegie Mellon University

5 Subsessions

● **The Complexity of Intra- and Inter-group Networks**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway IV

● **The Duality of Networks and Groups: Models to Generate Two-mode Networks from One-mode Networks**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway IV

● **Political Skill at the Workplace: On Shaping How Social Ties Are Perceived and How That Affects Job Satisfaction and Turnover Intention**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway IV

● **Really “Thick as Thieves?” Affect and Errors of Commission in Krackhardt Data**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway IV

● **International Collaboration on Economic Sanctions: A Relational Event Model with Social Initiative and Three-way Network Effects**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway IV

WEDPM1.5: Team Science

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway III

Session Chair: Verena Marie Knerich

🗣️ Speaker



Verena Knerich

PhD Student

Colorado State University, Ludwig-Maximilian University

5 Subsessions

● **Enabling Teams to Address Boundary Spanning Needs based on Team Composition – A Workshop Intervention Study**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway III

● **A tale of three teams: Effect of long-term isolation in SIRIUS-21 on space crew interpersonal networks**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway III

● **Interpersonal Trust in Primary Care Team Networks and Quality of Care for Patients with CVD**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway III

● **Social Networks and Team Collaboration on GitHub**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway III

● **Towards a Taxonomy of Team Workflow Dynamics**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway III

WEDPM1.6: Networks and COVID-19

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway II

Session Chair: Jessica Gold

🗣️ Speaker



Jessica Gold
Postdoctoral Researcher
Northeastern University

4 Subsessions

● **Assessing relationships between wastewater testing data for infections diseases such as COVID-19 and Flu/RSV and demographics factors within locations in Oregon using transportation network data.**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway II

● **Structures and Opportunities in Unsettled Times: From Networks to Communities of Practice**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway II

● **Ingroup bias and othering process in close social ties: How Americans perceive COVID-19 susceptibility of others during the COVID-19 pandemic**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway II

● **Evolution of ego networks in the United States during the COVID-19 pandemic**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway II

WEDPM1.7: Social Network Dynamics in Science, Science Careers, and Scientific Knowledge

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway I

Session Chair: Bas Hofstra

🗣️ Speaker



Bas Hofstra
Assistant Professor
Radboud University

6 Subsessions

● **Social Network Dynamics in Science, Science Careers, and Scientific Knowledge**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway I

● **The Impact of Scientific Networks on the Publication Careers of Dutch PhDs**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway I

● **Large-Scale Assessment of Editors' Impact on Publishing in the Social Sciences**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway I

● **Academic Migration: Interdisciplinary Hierarchy, Closure, or Similarity?**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway I

● **Scientific Paradigms and Global Organizational Hierarchies**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway I

● **Conceptual Change in Scientific Fields**

🕒 3:00 PM - 4:40 PM, Jun 28

📍 Broadway I

🕒 4:30 PM - 5:50 PM, Jun 28

📍 Online

Communities and Ne...

Session Chair: Briget McGlynn

🗨️ Speakers



Bridget McGlynn

PhD Student
Queensland University of Technology (QUT)



George Barnett

Distinguished Professor Emeritus
University of California, Davis



Megan Chan

PhD Candidate
Northwestern University



Deniza Alieva

Leading lecturer
Management Development Institute of Singapore in Tashkent

4 Subsessions

● **Navigating Complexity and Effectiveness: A Study of Collaborative Decision-Making in Flood Planning in the Wolostog | Saint John River Basin**

🕒 4:30 PM - 5:50 PM, Jun 28

📍 Online

● **Support, empathy and constant contact through lecturer-students network as mediators in transition to online education in Uzbekistan**

🕒 4:30 PM - 5:50 PM, Jun 28

📍 Online

● **A Network Modeling Framework for Predicting Effective Individuals, Teams, and Multiteam Systems**

🕒 4:30 PM - 5:50 PM, Jun 28

📍 Online

● **An Examination of Elite Scholars Networks: Three Indicators of the International Communication Association's Fellows' Networks**

🕒 4:30 PM - 5:50 PM, Jun 28

📍 Online

4:40 PM

PM Coffee Break

🕒 4:40 PM - 5:00 PM, Jun 28

📍 Pavilion Foyer

5:00 PM

Introduction to Freeman Award Presentation

🕒 5:00 PM - 5:15 PM, Jun 28

5:15 PM

Freeman Award Presentation

🕒 5:15 PM - 6:30 PM, Jun 28

📍 Pavilion Ballroom

2022 Freeman Award Winner - Peng Wang

Dr Peng Wang's research focuses on the methodology development for statistical models for social networks, including Exponential Random Graph Models (ERGM) for social selection processes, and Auto-logistic Actor Attribute Models (ALAAM) for social influence processes. Dr Wang is the designer and programmer for the PNet suite of software package for the statistical modelling of one-mode, two-mode, multiplex, multilevel networks, as well as the co-evolution of network structure and individual outcomes. Dr Wang has applied these models in the research fields of public health, education, management, social-ecological systems, interlocking directorates, public policy, and social network intervention evaluations.

🗣️ **Speaker**



Peng Wang

Associate Professor
Swinburne University of Technology

7:00 PM

Online - Information In Networks

🕒 7:00 PM - 8:20 PM, Jun 28

📍 Online

Information In Net...

Session Chair: Shengnan Jiang

🗣️ **Speakers**



Shengnan JIANG

Hong Kong Baptist University



Bilal Hayat Butt



Frederick Kin Hing Phoa

Research Fellow
Academia Sinica

3 Subsessions

● **Tapping into a Global Financial Market: A Study of Cross-border Life Insurance Transactions**

🕒 7:00 PM - 8:20 PM, Jun 28

📍 Online

● **Learning methods for automated literature review**

🕒 7:00 PM - 8:20 PM, Jun 28

📍 Online

● **A Mixture Model of Truncated Zeta Distributions with Applications to Scientific Collaboration Networks**

🕒 7:00 PM - 8:20 PM, Jun 28

📍 Online

7:30 PM

Network Canvas Meetup Event

🕒 7:30 PM - 8:30 PM, Jun 28

📍 Pavilion Foyer

Networking time for Network Canvas users, meet in the resgistration area to meet up with other attendees before heading to the Hospitality Gathering.

8:00 PM

Hospitality Gathering

🕒 8:00 PM - 11:00 PM, Jun 28

📍 Hilton Lobby Bar

Please wear your name badge to receive two drink tickets.

Drink tickets will be distributed between 8pm - 10pm.

Tickets can be redeemed at the bar until 11pm.

You can also purchase drinks after you use your tickets!

Thu, Jun 29, 2023

7:00 AM

Online - Individuals in Groups

🕒 7:00 AM - 9:00 AM, Jun 29

📍 Online

Individuals in Gr...

🗣️ Speakers



Sophia De Seranno

PhD researcher
Ghent University



Daria Panebianco

Assistant Professor
University of Padova



Alberto Monti

Professor of Organization Theory and Behavior
University of Genova



Malte Doehne

Oberassistent
University of Zurich



Sam Roberts

Senior Lecturer in Psychology
Liverpool John Moores University



Dorottya Hoor

UCL

6 Subsessions

● **The position of women in illicit drug supply networks operating in Belgium: A social network analysis**

🕒 7:00 AM - 9:00 AM, Jun 29

📍 Online

● **Social workers' ego-centred networks within Italian services: what connections for effective interventions?**

🕒 7:00 AM - 9:00 AM, Jun 29

📍 Online

● **Leadership emergence: integrating Social Network and Social Identity**

🕒 7:00 AM - 9:00 AM, Jun 29

📍 Online

● **Innovation diffusion in heterogeneous populations: A group-level network approach**

🕒 7:00 AM - 9:00 AM, Jun 29

📍 Online

● **HEXACO personality factors and their associations with Facebook network characteristics**

🕒 7:00 AM - 9:00 AM, Jun 29

📍 Online

● **Relational ambivalence in narrative networks: a case study of James Bond movies**

🕒 7:00 AM - 9:00 AM, Jun 29

📍 Online

8:00 AM

Registration

🕒 8:00 AM - 5:00 PM, Jun 29

📍 Pavilion Foyer

9:00 AM

THUAM1.1: Models and Methods for Network Analysis for Sampled or Missing Data, Session 2: Nodal Attributes

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria III

Session Chair: Pavel N. Krivitsky

🗣️ **Speaker**



Pavel Krivitsky

Senior Lecturer in Statistics
University of New South Wales

5 Subsessions

● **Models and Methods for Network Analysis for Sampled or Missing Data,**

Session 2: Nodal Attributes

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria III

● **Inference from Multivariate Respondent-Driven Sampling Data**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria III

● **Autologistic Actor-Attribute Models with Partially Observed Data**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria III

● **Modeling of Networked Populations with Exponential-Family Random Network Models when data is Sampled or Missing**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria III

● **Estimation of and Multiple Imputation for Bayesian ERGMs with Missing Nodal Attributes**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria III

THUAM1.2: Real Ties Realize Real Lives: The Social, Sexual, and Spatial Networks of Black Sexual Minority Men and Transgender Women Living in Chicago

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria II

Session Chair: Cho-Hee Shrader

🗣️ Speakers



Cho-Hee Shrader

Postdoctoral Research Fellow
University of Miami



Yen-Tyng Chen

Assistant Professor
Rutgers University

5 Subsessions

● **Real ties realize real lives: The social, sexual, and spatial networks of Black sexual minority men and transgender women living in Chicago**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria II

● **Are strong ties and family members enough to promote HIV status neutral prevention and care?: An egocentric confidant network analysis**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria II

● **Associations of sex-drug use and HIV vulnerability: An egocentric and two-mode network analysis of sexual networks**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria II

● **It's not what or who you know, it's where you go: Two-mode affiliation networks of HIV risk locations in Chicago, Illinois**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria II

● **Applying the Observational-Implementation Hybrid Approach to Inform the Use of Network Interventions for HIV Transmission Elimination**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria II

THUAM1.3: Egocentric Networks

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria I

Session Chair: David Tindall

🗣️ Speaker



David Tindall

Professor
University of British Columbia

4 Subsessions

● **Wilde's Dilemma: The Role of Deception in Social Networks**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria I

● **A General Model of Ego Network Micromobilization for Low-Medium Cost Social Movement Participation.**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria I

● **Have personal networks changed over the last decades? Comparing cross sectional surveys in France, California and the Netherlands**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria I

● **Homophily Estimation in Nationally Representative Egocentric Data Using an Alter-Based Framework**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Galleria I

THUAM1.4: Networks and Technology

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway III

Session Chair: David Dekker

🗣️ Speaker



David Dekker

HWU

4 Subsessions

● **Uncovering Technology Interdependences through Text Mining and Network Analysis**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway III

● **Speed of patent citation in green technology domains: Is it possible to attain the Paris climate goals?**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway III

● **Untangling the structure of Human-AI teams**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway III

● **The Convergence of Innovation Networks in the Medical Device Sector: a Comparative Analysis of India and Taiwan**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway III

THUAM1.5: Corporate Networks

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway II

Session Chair: Roy Barnes

🗣️ Speaker



Roy Barnes

Professor of Sociology
University of Michigan

4 Subsessions

● **Interlocking Directorates Among the Fortune 500, Policy Planning Organizations and Conservative Think Tanks during the Trump Administration**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway II

● **Geographies of financial networks:**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway II

● **Relational ties influencing innovation strategies: interlocking directorates and isomorphism in board social networks**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway II

● **The Board Interlock, Shareholding, and Dispatched Officer Networks in Japanese Firms and Their Profits**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway II

THUAM1.6: Longitudinal and Dynamic Network Models

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway I

Session Chair: Rumana Lakdawala

🗣️ Speaker



Rumana Lakdawala

PhD candidate
Tilburg University

3 Subsessions

● **Modelling heterogeneity in Relational Events Models**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway I

● **Out of sample predictions of pre- and post-pandemic student tie formation using SAOMs and TERGMs**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway I

● **Peer interaction dynamics and language learning trajectories during study abroad: A longitudinal investigation using dynamic computational social network analysis**

🕒 9:00 AM - 10:20 AM, Jun 29

📍 Broadway I

10:20 AM

Online - Networks, Health and Wellbeing

🕒 10:20 AM - 12:40 PM, Jun 29

📍 Online

Session Chair: Jennifer Lawlor

🔙 Speakers



Jennifer Lawlor

Director of Data Science & Insights
Visible Network Labs



Jihye Lee

PhD Candidate
University of Southern California



Lawrence Baker

Assistant Policy Researcher
RAND Corporation



Emmanuel Koku

Associate Professor
Drexel University



Francisca Ortiz Ruiz

Millennium Institute for Caregiving Research MICARE

7 Subsessions

● **Using bibliometric network analysis to identify County Health Rankings and Roadmaps user communities**

🕒 10:20 AM - 12:40 PM, Jun 29

📍 Online

● **When Brokers Seek More Friendships: Examination of the Numbers and Directionality of an Adolescent Broker's Friendship in Social Networks on Alcohol and Cigarette Use**

🕒 10:20 AM - 12:40 PM, Jun 29

📍 Online

● **Harmonizing Population-Based and Agent-Based Models based on Network Percolation for Disease transmission Dynamics**

🕒 10:20 AM - 12:40 PM, Jun 29

📍 Online

● **How Social Network Bridging Affects Mental Wellbeing in Later Life: Within and Between Person Differences by Age**

🕒 10:20 AM - 12:40 PM, Jun 29

📍 Online

● **A Mixed Methods Analysis of Cross-sector Collaboration within a Regional Network of Health & Social Agencies Coordinating Care of People Experiencing Homelessness**

🕒 10:20 AM - 12:40 PM, Jun 29

📍 Online

● **Dynamics through time of the care and social support networks of older people**

🕒 10:20 AM - 12:40 PM, Jun 29

📍 Online

● **Social Networks, Stigma and HIV Disclosure Among African Immigrants**

🕒 10:20 AM - 12:40 PM, Jun 29

📍 Online

Coffee Break

🕒 10:20 AM - 10:40 AM, Jun 29

📍 Pavilion Foyer

Breaks

THUAM2.1: Network Measures and Methods

🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria III

Session Chair: Martin Everett

🗣️ Speaker



Martin Everett
Professor of Social Network Analysis
University of Manchester

4 Subsessions

- **Eigenvector centrality for disconnected graphs**
🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria III
- **fastball: a fast algorithm to randomly sample bipartite graphs with fixed degree sequences**
🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria III
- **Reformulating Multiple Regression Modeling as a 2-Mode Network Analysis Problem: Revealing Genres of Insurgency Mobilization by Turning Regression Inside Out**
🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria III
- **Testing the theory of the Stochastic Actor-Oriented model of RSiena...or at least the robustness of model estimates under violations of the minstep assumption.**
🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria III

THUAM2.2: Networks and Health

🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria II

Session Chair: Thomas W Valente

🗣️ Speaker



Thomas Valente
Professor
University of Southern California

4 Subsessions

- **Alcohol Use in a Social Network of College Students: A Longitudinal Investigation of Friendship Selection and Behavior Change**
🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria II
- **Social Network Influences on Adolescent E-cigarette Use**
🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria II
- **Modeling the Syndemic of Tobacco Smoking and Alcohol Use in Persons Involved with the Criminal Legal System and their Social Networks**
🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria II
- **Social network analysis of micro-influencers who promote e-cigarettes and users who comment on their posts on Instagram and TikTok**
🕒 10:40 AM - 12:00 PM, Jun 29
📍 Galleria II

THUAM2.3: Egocentric Networks

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Galleria I

Session Chair: Viki Money

🗣️ Speaker



Victoria Money

Research Graduate Student
University of South Carolina

4 Subsessions

● **Taming the Ethnographic Porcupine: Common Missing Data Problems in Anthropological Networks**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Galleria I

● **Market Integration and Intergroup Trust: Evidence from Egocentric Networks in Karnataka, India**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Galleria I

● **Egocentric ERGM with Group Structure: Consequences of Survey Design and Statistical Approaches for Understanding Network Structure**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Galleria I

● **Identifying Personal Network Types**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Galleria I

THUAM2.6: Big Network Data

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway III

Session Chair: Frank W. Takes

🗣️ Speaker



Frank Takes

franktakes@gmail.com

4 Subsessions

● **The anatomy of a population-scale social network**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway III

● **Social-economic segregation in a Population-Scale Social Network**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway III

● **The Small-World Structure of a Population-scale Social Network**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway III

● **Exploring and Explaining a Massive Imagined LGBTQ+ Community on Chinese Social Media**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway III

THUAM2.5: Corporate Networks

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway II

Session Chair: Joshua Murray

🗣️ **Speaker**



Joshua Murray
Associate Professor
Crye-Leike Real Estate

4 Subsessions

● **Common Ownership Networks and Pension Freezes**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway II

● **Network correlates of effective workgroup climates**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway II

● **The Policy Influence of Corporate Networks**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway II

● **Energy and tie emergence among salespeople**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway II

THUAM2.4: Networks, Collective Action, and Social Movements

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway I

Session Chair: Loring J. Thomas

🗣️ **Speaker**



Loring Thomas
Graduate Student Researcher
University of California, Irvine

3 Subsessions

● **Coup or Uprising? Network Analysis uncovers clear lines of structure and organization behind the 2019 political and social upheavals in Bolivia**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway I

● **Models for Endogenous Participation in Social Networks**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway I

● **Minority-group incubators and majority-group reservoirs for climate change adaptation**

🕒 10:40 AM - 12:00 PM, Jun 29

📍 Broadway I

12:00 PM

Lunch On Your Own

🕒 12:00 PM - 1:30 PM, Jun 29

12:30 PM

Online - Networks in Education

🕒 12:30 PM - 2:30 PM, Jun 29

📍 Online

Networks in Educ...

🚩 Speakers



Thomas Cowhitt

Lecturer in Educational Change and Collaborative Improvement
University of Glasgow



Yuqing Liu

Postdoc
Michigan State University



Vanessa Dennen

Professor
Florida State University



Alessandra Rister Portinari Maranca

Master's student
Stanford University



Weihua An



Allison Kurpiel

student
Pennsylvania State University

6 Subsessions

● Network Influence on Teachers' Resource Curation: Accounting for Latent Space Positions of Bipartite Networks

🕒 12:30 PM - 2:30 PM, Jun 29

📍 Online

● The Effect of Different Classroom Seating in Teenage Friendship Networks

🕒 12:30 PM - 2:30 PM, Jun 29

📍 Online

● Ecological Moderations of Friendship Network Formation

🕒 12:30 PM - 2:30 PM, Jun 29

📍 Online

● Group Conformity or Lone-Wolf Behavior? Examining the Peer Contexts of Adolescent Weapon-Carrying in a High School Friendship Network

🕒 12:30 PM - 2:30 PM, Jun 29

📍 Online

● Academic social networks across time: Faculty, students, collaborations, and interests

🕒 12:30 PM - 2:30 PM, Jun 29

📍 Online

● Repurposing School Improvement Networks for Teacher-led Change

🕒 12:30 PM - 2:30 PM, Jun 29

📍 Online

1:30 PM

THUPM1.1: Network Measures and Methods

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria III

Session Chair: Rachel G. de Jong

🚩 Speaker



Rachel de Jong

PhD candidate
Leiden University

3 Subsessions

● **Examining interaction pacing at networking events using sociometric badges**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria III

● **Node anonymity in networks: The infectiousness of uniqueness**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria III

● **Development Intervention and Network Sustainability**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria III

THUPM1.2: University Student Networks

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria II

Session Chair: Rob Franken

🗣️ Speaker



Rob Franken

Phd student
Radboud University Nijmegen

4 Subsessions

● **Transitioning through university! The effects of life-course transitions on tie maintenance in university students' personal networks**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria II

● **Temporal patterns of the dyadic reciprocity among a sample of college students**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria II

● **Heterogeneity in Social Integration among First-Year College Students**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria II

● **Larger bodies, smaller networks: Associations between weight status, weight stigma, and college friendship networks**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria II

THUPM1.3: Geographic, Spatial, and Region-Specific Networks

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria I

Session Chair: Daniel Redhead

🗣️ Speaker



Daniel Redhead

Max Planck Institute for Evolutionary Anthropology

4 Subsessions

● **Reputation, exploitation, and cooperation: Evidence of direct and indirect reciprocity in network-structured economic games in rural Colombia**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria I

● **Differences in the Extended Social Networks of Ethnic Minority and Majority Groups in the Netherlands**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria I

● **The Multiplex Farmer Network Framework**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria I

● **Characteristics of male social networks of fishermen in three communities in a high HIV prevalence region of Kenya**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Galleria I

THUPM1.5: Child and Adolescent Networks

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Broadway III

Session Chair: Jenna Beffel

🗣️ Speaker



Jenna Beffel

Graduate Student
Michigan State University

5 Subsessions

● **Juvenile offenders' trust networks' creation processes: understanding their appearance and consequences in youth detention centers**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Broadway III

● **A Social Network Analysis of Children's Prosocial Behaviors and Social Relationships**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Broadway III

● **Using Stochastic Actor-Oriented Models to Understand Normative and Network Influences on Adolescent E-cigarette Use**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Broadway III

● **Would You Behave as the Ones You Like Most? The Influence of Adolescents' Likeability Networks on Prosocial Behavior**

🕒 1:30 PM - 1:30 PM, Jun 29

📍 Broadway III

● **Socioeconomic segregation in friendship networks: Prevalence and determinants of same- and cross-SES friendships in US high schools.**

🕒 1:30 PM - 1:30 PM, Jun 29

📍 Broadway III

THUPM1.6: Interorganizational Networks / Networks and Climate, Nature, and Natural Disasters

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Broadway II

Session Chair: Olaf Rank

Speaker



Olaf Rank
Professor
Albert-Ludwigs-University Freiburg

4 Subsessions

● **Keep the dice rollin'. Strategic alliance networks between board game publishers and the role of board game designers**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Broadway II

● **Mechanisms for Employee Mobility Between Organizations: A Network Analysis of Faculty Mobility in Communication, 2013 to 2022**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Broadway II

● **Modeling Global Environmentalism: A Network Approach Using STERGMs**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Broadway II

● **Network Models of Possible Climate Drivers to International Human Mobility: Regional Scale Comparisons**

🕒 1:30 PM - 2:50 PM, Jun 29

📍 Broadway II

2:30 PM

Online - Networks in Economics and Business 1

🕒 2:30 PM - 4:10 PM, Jun 29

📍 Online

Networks in Economics and B...

Session Chair: Andrew Messamore

Speakers



Andrew Messamore
Graduate Student
University of Texas at Austin



Pete Jones
Postdoctoral Fellow
University of Alberta



James Lannigan
PhD Candidate
University of Toronto



Nicolas Montalva
Assistant Professor
Society and Health Research Center, Universidad Mayor, Chile



Sergio Palomeque
IECON - FCEA - UdelaR

5 Subsessions

● **Institutionalized Local Landlording: The Structure of Rental Ownership Revealed by Big Property-Owner Networks in Austin, TX**

🕒 2:30 PM - 4:10 PM, Jun 29

📍 Online

● **The topology of the skill relatedness network of technologies.**

🕒 2:30 PM - 4:10 PM, Jun 29

📍 Online

● **Typologies of filiation, marriage, and economic dependency networks in Chilean households**

🕒 2:30 PM - 4:10 PM, Jun 29

📍 Online

● **Clusters and crema: The networks of independent Canadian coffee retailers**

🕒 2:30 PM - 4:10 PM, Jun 29

📍 Online

● **Using network analysis to explore the “what works” and “what if” of gender equity policy in three national film industries**

🕒 2:30 PM - 4:10 PM, Jun 29

📍 Online

2:50 PM

Coffee Break

🕒 2:50 PM - 3:10 PM, Jun 29

📍 Pavilion Foyer

Breaks

3:10 PM

THUPM2.1: Network Measures and Methods

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria III

Session Chair: Carter Tribley Butts

🗣️ **Speaker**



Carter Butts

Professor
University of California, Irvine

4 Subsessions

● **Bringing Paths Back In: Component and Non-local Bridging Terms for Exponential Family Random Graph Models**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria III

● **Analyzing Network Cubes - QAPs for Cognitive Social Structures**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria III

● **Coming into relations: a study of relational decisions**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria III

● **Expansiveness, Popularity, and Dependence**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria III

THUPM2.2: Networks and Health

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria II

Session Chair: Kimberly Ann Glasgow

🗣️ Speaker



Kimberly Glasgow

senior researcher
Johns Hopkins University Applied Physics Laboratory

4 Subsessions

● **Individual characteristics and relational factors associated with an increase in overdose risk behaviors following the overdose of a social network member**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria II

● **Homophilous friendship ties and alcohol consumption patterns among first-year sexual minority college students**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria II

● **Characterizing LMSM'S egocentric sexual, friendship and drug use networks in the context of two major public health crises: COVID-19 & HIV**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria II

● **I'm crushed, ashamed and scared: Moral judgements and recovery networks**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria II

THUPM2.3: Geographic, Spatial, and Region-Specific Networks

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria I

Session Chair: Benjamin Javier Gramsch

🗣️ Speaker



Benjamin Gramsch

ETH Zürich

3 Subsessions

● **Geographic distribution of social networks and individual leisure activity space**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria I

● **Seattle Tent Encampment Locations in Proximity to Amenities and Hazards, and the Role of Criminalization and Removals in Disrupting Spatial Networks**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria I

● **A global examination of the 'welfare magnet hypothesis' using ERGMs**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Galleria I

THUPM2.4: Networks and Climate, Nature, and/or Natural Disasters

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Broadway III

Session Chair: Drew Gerkey

🗣️ Speaker



Drew Gerkey

Associate Professor
Oregon State University

3 Subsessions

● **Social Networks, Subsistence Salmon Harvests, and Social and Environmental Change in Alaska**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Broadway III

● **Subsistence Risk-Management Networks**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Broadway III

● **How scarcity affects the emergence and evolution of communication networks among strategic human decision-makers.**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Broadway III

THUPM2.6: Leadership and Networks

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Broadway I

Session Chair: Zexi Li

🗣️ **Speaker**



Logan Jensen

3 Subsessions

● **The effect of Attachment Styles on Job Performance: A Social Network Position Perspective**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Broadway I

● **New Leaders' Social Network and Leader Ties as Antecedents of Leader Development**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Broadway I

● **Hierarchy, inequality, and cooperation -- a multi-level leadership model**

🕒 3:10 PM - 4:30 PM, Jun 29

📍 Broadway I

4:30 PM

Online - Homophily and Social Capital

🕒 4:30 PM - 5:50 PM, Jun 29

📍 Online

Homophily and Social C...

Session Chair: Celine Yunya Song

🚩 Speakers



Celine Yunya Song
Professor
Hong Kong Baptist University



Lin Liu
Doc. student
University of Science and Technology of China



Chen-Shuo Hong
PhD student
University of Massachusetts , Amherst



Emma Strouse
MS Student
Stanford University

4 Subsessions

● **The Spread of Pro- and Anti-Vaccine Views by Coordinated Communities on Social Media in the Time of COVID-19**

🕒 4:30 PM - 5:50 PM, Jun 29

📍 Online

● **Understanding the Role of Homophily in the Formation of Collaboration Networks on User-Generated Video Platforms**

🕒 4:30 PM - 5:50 PM, Jun 29

📍 Online

● **Intersectionality Homophily in Law School**

🕒 4:30 PM - 5:50 PM, Jun 29

📍 Online

● **Social Connection in Schools: How do friendship networks relate to school satisfaction in high school?**

🕒 4:30 PM - 5:50 PM, Jun 29

📍 Online

5:00 PM

Sunbelt 2023 Awards and Speaker Intro

🕒 5:00 PM - 5:15 PM, Jun 29

5:15 PM

Simmel Award Presentation

🕒 5:15 PM - 6:30 PM, Jun 29

📍 Pavilion Ballroom

7:00 PM

Sunbelt Banquet

🕒 7:00 PM - 9:00 PM, Jun 29

📍 Skyline 1

8:00 PM

Hospitality Gathering

🕒 8:00 PM - 11:00 PM, Jun 29

📍 Hilton Lobby Bar

Please wear your name badge to receive two drink tickets.

Drink tickets will be distributed between 8pm - 10pm.

Tickets can be redeemed at the bar until 11pm.

You can also purchase drinks after you use your tickets!

11:00 PM

Online - Political Networks 2

🕒 11:00 PM - 11:59 PM, Jun 29

📍 Online

Political Networ...

Please note: This session starts at 11:00 PM PDT on June 29 and ends at 12:20 AM PDT on June 30. Due to a system limitation, the ending time is listed as 11:59 pm but the session will end at 12:20 am PDT.

👤 Speakers



Emmanuel Lazega

Professor
Sciences Po - Paris



Meike Schulte

PhD Student
Heiot Watt



Raul Broto

PhD Candidate on Social Network Analysis with a political point of view, focusing on the Spanish scenario
Universitat Oberta de Catalunya

3 Subsessions

● **All Things Material: The Effect of the Institutionalisation of ESG Reporting in Corporate UAE – An Analysis of the Role of the Network Structure in the Diffusion of ESG Practices**

🕒 11:00 PM - 11:59 PM, Jun 29

📍 Online

● **Exploring echo chambers in Twitter conversation during two Spanish regional elections: An analysis of community interactions**

🕒 11:00 PM - 11:59 PM, Jun 29

📍 Online

● **In and out of a political crisis: Strategic epistemic skills in dynamics of advice networks among activist judges**

🕒 11:00 PM - 11:59 PM, Jun 29

📍 Online

Fri, Jun 30, 2023

7:00 AM

Online - Networks in Economics and Business 2

🕒 7:00 AM - 9:00 AM, Jun 30

📍 Online

Networks in Economics and B...

🗣️ Speakers



Claudine Salgado
Doctoral Researcher
Heriot-Watt University



Ludovica Segneri
Phd student
University of Perugia



Vojkan Nedkovski
Postdoc
not affiliated



Zeynep Aksehirl
Associate Professor
Northeastern University



Dmitry Zinoviev
Professor
Suffolk University

6 Subsessions

● **Women in the boardroom and the moderating effect of interlocking directorship on corporate governance practices: Evidence from the UK companies.**

🕒 7:00 AM - 9:00 AM, Jun 30

📍 Online

● **Analyzing hotel reviews and customer satisfaction through Social Network Analysis and Text Mining**

🕒 7:00 AM - 9:00 AM, Jun 30

📍 Online

● **Unreciprocated social relationships and the formation of negative ties: The moderating role of narcissism**

🕒 7:00 AM - 9:00 AM, Jun 30

📍 Online

● **Virtual Space: The role of distance and space configuration in remote network formation**

🕒 7:00 AM - 9:00 AM, Jun 30

📍 Online

● **Multimarket competition in international trade: The competition networks of multimarket competitors and their performance in each market**

🕒 7:00 AM - 9:00 AM, Jun 30

📍 Online

● **The Musk Effect at Twitter: How Much Do Entrepreneurs Care? A Study from Seven Countries**

🕒 7:00 AM - 9:00 AM, Jun 30

📍 Online

8:00 AM

Registration

🕒 8:00 AM - 5:00 PM, Jun 30

📍 Pavilion Foyer

9:00 AM

FRIAM1.1: Network Measures and Methods

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria III

Session Chair: L. Richard Carley

Speaker



L. Richard Carley

Professor
Carnegie Mellon University

3 Subsessions

● **Efficient Incremental Extraction of Fuzzy Groups from Over-Time Network Data**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria III

● **Connecting Overlapping Dunbar Circles: Estimating ERGMs Using Data from Name-Generators and Network Scale-Up Method**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria III

● **Dirichlet Process Mixtures of ERGMs with Partial Pooling and Heterogeneous Effect Inclusion**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria III

FRIAM1.2: Networks and Health

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria II

Session Chair: Jerreed D. Ivanich

Speaker



Jerreed Ivanich

Assistant Professor
Colorado School of Public Health

4 Subsessions

● **A social network study with American Indian youth on a Northern Plains reservation: Substance use, suicide risk, and Exposure to violence**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria II

● **Depression and tie formation: population-based cohort study in rural Uganda**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria II

● **Alcohol use and friendship networks in Chilean adolescents**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria II

● **New Latinx destinations, adolescent friendship, and substance use: How network revitalization informs the immigrant paradox**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria II

FRIAM1.3: Networks and Politics

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria I

Session Chair: Melanie B. Hoskins

🗣️ Speaker



Melanie Hoskins
Public Policy PhD Candidate
University of Arkansas

4 Subsessions

● **Social Network Study of Policy Diffusion: Evidence from the American Legislative Exchange Council (ALEC)**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria I

● **How bridges remain standing under severe polarization: motivations and strategies for maintaining political cross-talk in Catalonia**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria I

● **Why is this conflict dragging on? The effect of relational mechanisms on the duration of the Colombian armed conflict**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria I

● **Estimating Policy Effects In A Social Network Through Independent Set Sampling**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Galleria I

FRIAM1.4: Online and Social Media Networks

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Broadway III

Session Chair: Tyler Prochnow

🗣️ Speaker



Wei Lin
City University of Hong Kong

3 Subsessions

● **Do weak ties increase received social support online? The digital trace evidence from dual communities**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Broadway III

● **Radio, what's new? Key actors, weak ties and the spread of disinformation in a podcast network**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Broadway III

● **Early warning signals for predicting vendor success in dark net forum networks**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Broadway III

FRIAM1.5: Networks and Culture

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Broadway II

Session Chair: Craig Rawlings

🗣️ Speaker



Craig Rawlings
Duke

4 Subsessions

● **The use of Social Network Analysis in Food System: A systematic literature review**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Broadway II

● **Ideology and Influence in Core Belief Change: A Longitudinal Network Study of Two Cohorts of Seminary Students**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Broadway II

● **The Effect of Classical Composers' Performance Networks on Who is "Heard" in Symphony-Orchestras**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Broadway II

● **From Adoption to Adaption: Statistical Network Modelling of Cultural Diffusion Mechanisms**

🕒 9:00 AM - 10:20 AM, Jun 30

📍 Broadway II

FRIAM1.6: Networks and Education

🕒 9:00 AM - 10:40 AM, Jun 30

📍 Broadway I

Session Chair: Meg Patterson

🗣️ Speaker



Meg Patterson
Assistant Professor
Texas A&M University

4 Subsessions

● **Knowledge and Use of Evidence Based Instruction Practices in STEM: Findings from Models of Peer Influence through Research Discussion Networks and Teaching Discussion Networks**

🕒 9:00 AM - 10:40 AM, Jun 30

📍 Broadway I

● **How does novice teachers' social capital impact their leaving decision?**

🕒 9:00 AM - 10:40 AM, Jun 30

📍 Broadway I

● **Impact of Middle School Teachers and Peers on College STEM Major Selection**

🕒 9:00 AM - 10:40 AM, Jun 30

📍 Broadway I

● **Exploring Optimal Learning Dynamic in Lessons and Activities Contexts: A Network Analysis**

🕒 9:00 AM - 10:40 AM, Jun 30

📍 Broadway I

Networks in Society

🕒 9:00 AM - 10:00 AM, Jun 30

📍 Online

Speakers



C. Ben Gibson



Alejandro Espinosa-Rada

Postdoctoral Researcher
Social Networks Lab - ETH Zürich



Francisco Cardozo

Student
University of Miami

3 Subsessions

● Identification with informal groups

🕒 9:00 AM - 10:00 AM, Jun 30

📍 Online

● Exploring the Interrelationships between NIH-Funded Projects on Adolescent Alcohol Use: A Two-Mode Network Analysis

🕒 9:00 AM - 10:00 AM, Jun 30

📍 Online

● Interpretable Endogeneity in Social Action Networks

🕒 9:00 AM - 10:00 AM, Jun 30

📍 Online

10:20 AM

Online - Network Methods 1

🕒 10:20 AM - 12:20 PM, Jun 30

📍 Online

Network Metho...

Speakers



Zack Almquist

Associate Professor in Sociology and Statistics
University of Washington



Erin Walk

PhD Candidate
Massachusetts Institute of Technology



Shadi Rezapour

Assistant Professor
Drexel University



Masoomeh Kalantari

PhD Candidate
McGill University

5 Subsessions

● **Counting the number of people experiencing homelessness in the United States (US) is a major challenge**

🕒 10:20 AM - 12:20 PM, Jun 30

📍 Online

● **Scholarly migration and collaboration worldwide: A word embedding representation**

🕒 10:20 AM - 12:20 PM, Jun 30

📍 Online

● **Intersectional Homophily: Introducing, Validating, and Applying a New Test**

🕒 10:20 AM - 12:20 PM, Jun 30

📍 Online

● **Structural Balance in Real-World Settings: Incorporating Direction and Transitivity in Measuring Balance**

🕒 10:20 AM - 12:20 PM, Jun 30

● **Reporting Recommendations for Social Network Methods and Results in Health Sciences Research**

🕒 10:20 AM - 12:20 PM, Jun 30

📍 Online

Coffee Break

🕒 10:20 AM - 10:40 AM, Jun 30

📍 Plaza Foyer

10:30 AM

Simmel Award - Online Q&A

🕒 10:30 AM - 11:30 AM, Jun 30

📍 Online

🗣️ **Speaker**



Bernice Pescosolido

Indiana University

10:40 AM

FRIAM2.1: Network Measures and Methods

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria III

Session Chair: Yunsub Lee

🗣️ **Speaker**



Yunsub Lee

Postdoc Researcher
Autonomous University of Barcelona

3 Subsessions

● **Kula Ring Distance: A Node-level Measure of Structural Cohesion**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria III

● **Seed Selection for Linear Threshold Model in Multilayer Networks**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria III

● **An organizational form framework to measure and interpret online polarization**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria III

FRIAM2.2: Networks and Health

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria II

Session Chair: Neelam Modi

🗣️ Speaker



Neelam Modi

Ph.D. Candidate
Northwestern University

4 Subsessions

● **Modeling the “Who” and “How” of Social Influence in the Adoption of Health Practices**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria II

● **The role of social networks in spreading knowledge about infant HIV testing: evidence from rural Uganda**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria II

● **Network and geographic drivers of hepatitis C incidence among young urban and suburban people who inject drugs**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria II

● **The Dynamics of Advising Networks in Law Schools: Exploring Student-Faculty Connections**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria II

FRIAM2.3: Networks and Politics

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria I

Session Chair: Gabriel Otero

🗣️ Speaker



Gabriel Otero

PhD Candidate
Universidad Central de Chile

3 Subsessions

● **Personal networks and political attitudes. A comparison between upper class individuals and the general population**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria I

● **Uncovering the Underlying Structures of American-Held Conspiracy Beliefs: Structural Entailment Networks of the 2020 NPR/IPSOS Poll**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria I

● **Testing balance correlation among nations 1806-1980**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Galleria I

FRIAM2.4: Online and Social Media Networks

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Broadway III

Session Chair: Mallory Harris

🗣️ Speaker



Mingyi Chang

Assistant Professor
Fu Jen Catholic University

3 Subsessions

● **From Single-core to Dual-core networks: How the Overlapping of Newlyweds' Online Contacts Varies by Gender**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Broadway III

● **The Role of Friend Suggestion Algorithms on Personal Networks Online**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Broadway III

● **The Role of Perceived Experts in Spreading COVID-19 Vaccine Misinformation**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Broadway III

FRIAM2.5: Networks and Culture

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Broadway II

Session Chair: Adam R. Roth

🗣️ Speaker



Adam Roth

Assistant Professor
Oklahoma State University

4 Subsessions

● **Why do people skip your big day? A sociological analysis of wedding attendance**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Broadway II

● **Social Networking within a Secularized Monastery and Beyond: A Diary-based Multilevel Analysis of Contact Benefits among Buddhist Masters**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Broadway II

● **The interorganizational field of contemporary art in post-pandemic Chile.**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Broadway II

● **A cross-cultural exploration of the association between material and relational wealth**

🕒 10:40 AM - 12:00 PM, Jun 30

📍 Broadway II

12:00 PM

Online - Social Media

🕒 12:00 PM - 1:20 PM, Jun 30

📍 Online

[Social Med...](#)

🗣️ **Speakers**



Richard Gardner

Graduate Student Researcher at NCASD
University of California, Irvine



Joshua Uyheng

PhD Student
Carnegie Mellon University



Lynnette Hui Xian Ng

Student
Carnegie Mellon University

2 Subsessions

● **Structural Determinants of Online Hate Networks**

🕒 12:00 PM - 1:20 PM, Jun 30

📍 Online

● **Identifying Bot Networks through Synchronized Network Structures**

🕒 12:00 PM - 1:20 PM, Jun 30

📍 Online

Lunch On Your Own

🕒 12:00 PM - 1:30 PM, Jun 30

Board Meeting - Closed Meeting for Board and Invited Guests Only

🕒 12:00 PM - 1:30 PM, Jun 30

📍 Skyline III

1:30 PM

FRIPM1.1: Social Network Theory

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria III

Session Chair: Jacqueline Joslyn

🗣️ Speaker



Kathleen Carley

Professor
Carnegie Mellon University

3 Subsessions

● **Dealing with Ambiguity in Social Networks and Relational Processes**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria III

● **Selection into Social Learning**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria III

● **Risky Positions: High Dimensional Social Influence**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria III

FRIPM1.2: Networks and Health

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria II

Session Chair: Molly Copeland

🗣️ Speaker



Molly Copeland

Assistant Professor
Michigan State University

3 Subsessions

● **Gendered Chains of Risk in Early Life: Pathways of childhood maltreatment, adolescent peer networks, and depressive symptoms**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria II

● **Uncovering Relational Care Coordination Processes in Heart Failure Care Transitions: A Social Network Analysis of Clinical Notes**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria II

● **Homophily and norms: an international study of smoking in adolescents from seven European cities**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria II

FRIPM1.3: Networks and Politics

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria I

Session Chair: William Hale Holtkamp

🗣️ Speaker



Will Holtkamp

UNC-Chapel Hill

4 Subsessions

● **Effects of Core and Periphery Belief Network Structures on Public Opinion Change**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria I

● **Network Analysis of War**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria I

● **Reputation, Cooperation, and the Emergence of Political Segregation in Networks**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria I

● **Can an Eye for an Eye Turn the Whole World Sanctioned?**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Galleria I

FRIPM1.6: Multi-level, Multilayer, or Multimode Networks

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway I

Session Chair: Victoria Money

🗨️ Speaker



Victoria Money

Research Graduate Student
University of South Carolina

4 Subsessions

● **Multiplexity and Leaky Pipes: The effect of agentic holes on information flow**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway I

● **The multiplex p2 model: Mixed effects modeling for multiplex social networks**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway I

● **Integrating two modes of board interlock research**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway I

● **Peeling Back the Layers of the Multi-Media Ecology**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway I

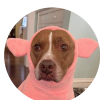
FRIPM1.4: Online and Social Media Networks

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway II

Session Chair: Alyssa Hasegawa Smith

🗨️ Speaker



Alyssa Smith

Northeastern University, Network Science Institute

3 Subsessions

● **Attentional Cat-pital: How the Redirection of Attention on Twitter Shapes Networks**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway II

● **Application of Social Network Analysis for the study of online communication networks: empirical evidence from Twitter**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway II

● **Opinion manipulation on Farsi Twitter**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway II

FRIPM1.5: Mixed Methods in Social Network Analysis

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway III

Session Chair: Betina Hollstein

🗣️ **Speaker**



Betina Hollstein

Professor of Sociology
University of Bremen

2 Subsessions

● **Qualitative approaches to analyze multi-informant network data**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway III

● **Being a Good Person might be bad for you: comparing ethical values and business performance through SNA and emotion analysis**

🕒 1:30 PM - 2:50 PM, Jun 30

📍 Broadway III

2:50 PM

Coffee Break

🕒 2:50 PM - 3:10 PM, Jun 30

📍 Plaza Foyer

3:10 PM

FRIPM2.2: Networks and Health

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Galleria II

Session Chair: Britt Skaathun

🗣️ **Speaker**



Britt Skaathun

Assistant Professor
University of California San Diego

3 Subsessions

● **Ethics Issues in HIV Social Network Research Involving People of Sexual Minority Status Who Use Drugs**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Galleria II

● **The application of whole network analysis to interorganizational community collaboration: a systematic review**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Galleria II

● **Community Anti-drug Coalition Advice Network Predictors of Perceived Community Improvement and Coalition Sustainability**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Galleria II

FRIPM2.3: Networks and Politics

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Galleria I

Session Chair: Oswaldo Miguel Medina-Ramirez

🗣️ Speaker



Oswaldo Miguel Medina-Ramirez

PhD Candidate
University of Florida

4 Subsessions

● **"We are Exhausted" - Social network position and causes of fatigue within participatory water governance networks**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Galleria I

● **Student union membership and political identification: network effects**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Galleria I

● **The Political Economy of Control**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Galleria I

● **Participating Alone: Modeling Civic Participation and Support for Political Violence**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Galleria I

FRIPM2.4: Online and Social Media Networks

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway III

Session Chair: Yuanfeixue Nan

🗣️ Speaker



Yuanfeixue Nan

PhD student
USC Annenberg School for Communication and Journalism

3 Subsessions

● **Hashtags as Discursive Agents: An analysis of hashtag co-occurrence modularity and brokerage in the Black Trans Lives Matter movement on Twitter**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway III

● **Catching the Wave: A Dynamic Retrospective Network Analysis of Russian Fake News Bots**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway III

● **The effects of health departments' ego networks on information diffusion during a public health crisis: Twitter as a case study**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway III

FRIPM2.5: Scholastic and Science Networks

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway II

Session Chair: Malin Fiedler

🗣️ Speaker



Malin Fiedler

PhD student
TUM School of Management

3 Subsessions

● **Surveying the Landscape of Environmental Social Science: A Network Analysis of Research on the Environment**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway II

● **Using social network analysis to track the evolution of Pacific food systems research collaborations over time**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway II

● **The impact of institutional and individual determinants on academic patenting activity and success**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway II

FRIPM2.6: Social Capital and Capacity Research and Social Network Theory

🕒 3:10 PM - 4:50 PM, Jun 30

📍 Broadway I

Session Chair: jimi adams

🗣️ Speaker



Jimi Adams

Professor of Health & Behavioral Sciences
University of Colorado Denver

5 Subsessions

● **Social Capital: Towards a Unifying Framework**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway I

● **The importance of diversity and density in the perception of social justice. A cross-country analysis using ISSP 2017**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway I

● **Reciprocal Valuation of Social Milieus: Lines of Conflict and Alliances – Who (dis)likes whom?**

🕒 3:10 PM - 4:30 PM, Jun 30

📍 Broadway I

● **The Association Between Social Network Centrality and Risk-Taking Behavior**

🕒 3:10 PM - 4:50 PM, Jun 30

📍 Broadway I

● **Effect of network metrics on degree heterogeneity**

🕒 3:10 PM - 4:50 PM, Jun 30

📍 Broadway I

5:00 PM

POSTER: Poster Session

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

36 Subsessions

● **An Interorganizational Network of School-Community Mental Health Collaboration**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Automated Name Selection for the Network Scale-up Method**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Ego-Level Characteristics Associated with Limited Access to Social Support**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Examination of children's social ties: Relation between friendship, directed liking and disliking, and the perceived hanging out network**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Exploring international students' ego-network development during study abroad**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Exploring Leisure Value of Time with Networks and Social Resource Mobilization**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Factors Associated with Future Discussions of Bundled HIV Prevention and Gender Affirming Hormone Therapy among Egocentric Networks of Black and Latina Transgender Women in Miami, FL**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Introducing IDEANet - Integrating Data Exchange and Analysis for Networks**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Network density and clustering among actors in local decision making: A Social Network Analysis among decision makers in an urban road expansion project in Kristiansand Municipality, Norway**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Network science approach for characterizing contact networks for SARS-CoV-2 transmission**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Networks of Terror: The Role of Relationships in Insurgent Human Trafficking**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Science is Defense: A Strategic Analysis of North Korea's International Scientific Collaborations**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **The Association Between Social Network Centrality and Risk-Taking Behavior**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **The Association of Drinking Behavior and Support from Drinkers and Non-Drinkers in the Networks of Hispanic Adults**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Transportation-Related Factors and the Likelihood of Companionships Among Senior Center Members**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Visualization tools for network science: Building beautiful graphs with netplot**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Who we get social exposed in public spaces? A big data-driven case study in Laredo, TX**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Exploring social presence and influence in online students: A longitudinal network analysis**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Interethnic Friendship Formation under Ethnic Segregation: The Case of Malaysia**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Opinion Formation in a Twitter Network Model**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Applying network analysis to predict organization resilience in healthcare systems**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Consensus Analysis of “Hanging Out” Networks in 21 Elementary School Classrooms**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Dynamics of Global Innovation Networks in the Life Science Sectors: A Comparative Analysis of India and Taiwan**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Explore the Mechanism of R&D Network Formation Using Data-driven Agent-based Modeling Simulation**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Exploring and Explaining a Massive Imagined LGBTQ+ Community on Chinese Social Media**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Fairness, Legitimacy, Insurrection, and Reform: Political Discussion Networks and Individual Attitudes towards Electoral Processes in the 2020 Election**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Giving up Sex Involuntarily: Underclass Young Men in Korea**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Expanding the boundaries of interdisciplinary field: Contribution of Network Science journal to the development of network science**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Time to Politicization: The Emergence and Effects of Politics on Science**

YouTube Videos

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Towards integrated environmental science to govern global change: How far are we now on this path?**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Who is in my network? A proposal for boundary definition careers research**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **"We organize ourselves and take off!": political mobilization of the Chilean K-pop community on social media**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **An Evolution of Hashtags: A comparative analysis of police brutality in the BLM Ferguson and Minneapolis protests**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Social Capital in the World: An International Comparison of Economic, Social and Cultural Perspectives**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **The Influence of Social Media Video Components on Video Watching Intention**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

● **Workplace Social Capital Benefits During Downsizing: An Intersectional Approach of Race, Gender, and Disability**

🕒 5:00 PM - 6:30 PM, Jun 30

📍 Atrium Ballroom

8:00 PM

Hospitality Gathering

🕒 8:00 PM - 11:00 PM, Jun 30

📍 Hilton Lobby Bar

Please wear your name badge to receive two drink tickets.

Drink tickets will be distributed between 8pm - 10pm.

Tickets can be redeemed at the bar until 11pm.

You can also purchase drinks after you use your tickets!

Sat, Jul 01, 2023

9:00 AM

SATAM1.1: Agent-Based Models

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria III

Session Chair: Joseph Michael Quinn

👤 **Speaker**



Joe Quinn

Assistant Professor of Sociology
University of South Carolina

3 Subsessions

● **Manipulating Initial Network Characteristics and Measuring Changes in the Emergence of Homophily: A Computational Experiment.**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria III

● **Social learning in temporal epistemic networks**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria III

● **Centrality and social learning dynamics in higher-order systems**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria III

SATAM1.2: Networks and Health

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria II

Session Chair: Kayla de la Haye

🗣️ Speaker



Kayla de la Haye

Associate Professor
University of Southern California

3 Subsessions

● **Brazilian Immigrant Mothers' Social Networks: Implications for Mental Health and Wellbeing**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria II

● **Sources of information on child feeding in maternal social networks and their association with child diet and weight**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria II

● **Health Support, Health Undermining, and Dietary Patterns of Majority Latina Mothers Enrolled in Home Visiting Services**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria II

SATAM1.3: Networks and COVID-19

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria I

Session Chair: Victoria Umutoni

🗣️ Speaker



Victoria Umutoni

Doctoral Student
The University of Chicago

4 Subsessions

● **Determining COVID-19 Preventive Behavior Homophily Between Highly Vulnerable Community Members and their Social Networks**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria I

● **Criminal Identity and Network during the COVID-19 Era**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria I

● **Transnational Network Dynamics of Problematic COVID-19 Information Diffusion**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria I

● **Activating Personal Social Networks by Health Navigators Explains Superior Public Health Outcomes during the COVID-19 Pandemic**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Galleria I

SATAM1.4: Online and Social Media Networks

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Broadway III

Session Chair: DMITRY ZINOVIEV

🗣️ Speaker



Ashley Lucia Torres

Ph.D. Graduate Student
University of California, Irvine

3 Subsessions

● **Classifying the Networked Information Provided to the American Public via Active Tweeting by Healthcare Professionals**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Broadway III

● **Multimodal network in social media: An advanced analysis method of coordinated image sharing behaviour**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Broadway III

● **News Organization Relations on Twitter: Following Selection on Reliability and Bias**

🕒 9:00 AM - 10:20 AM, Jul 1

📍 Broadway III

10:20 AM

Coffee Break

🕒 10:20 AM - 10:40 AM, Jul 1

📍 Pavilion Foyer

10:40 AM

SATAM2.1: Agent-Based Models

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria III

Session Chair: DuenKai Chen

🗣️ Speaker



DuenKai Chen

Researcher
National YangMing ChiaoTung University

4 Subsessions

● **The Network Structures Simulation Based on Fei XiaoTung's Chinese Networking Theory**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria III

● **Explore the Mechanism of R&D Network Formation Using Data-driven Agent-based Modeling Simulation**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria III

● **How Network Structure Affects Epidemiological Indicators in ABMs: A Large Simulation Study Featuring Artificial and Real-world Networks**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria III

● **Unraveling the California Exodus Using Network Simulation of U.S. Internal Migration System**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria III

SATAM2.2: Networks and Health

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria II

Session Chair: Lindsay E. Young

🗣️ Speaker



Lindsay Young

Assistant Professor
University of Southern California

4 Subsessions

● **Sociocentric Network Recruitment as a Feasible Strategy for Reaching African American Sexual Minority Men (SMM) Eligible for HIV Pre-Exposure Prophylaxis (PrEP)**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria II

● **Effects of online friendship on sexual health behavior and communication among Black sexual minority men: A study of behavioral and communication network exposure**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria II

● **HIV testing homophily in opposite-sex couples in Malawi: what portion can be explained by sociodemographic characteristics**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria II

● **Modeling the impact of structural interventions on HIV transmission among young Black sexual minority men**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria II

SATAM2.3: Networks and COVID-19

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria I

Session Chair: Elisa Jayne Bienenstock

🗣️ **Speaker**



Elisa Jayne Bienenstock

Research Professor
Arizona State University

3 Subsessions

● **Connected and solidary in combating a pandemic? Young individuals' intergenerational relationships and solidarity during the Covid-19 pandemic.**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria I

● **Semantic Network Modeling of COVID-19 Communications**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria I

● **Applying a bipartite network approach to conceptualize COVID-19 policy design**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Galleria I

SATAM2.4: Gender and Networks

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway III

Session Chair: Molly M. King

🗣️ **Speaker**



Molly M. King

3 Subsessions

● **Structure, Status, and Span: Gender Differences in Disciplinary Authorship Networks across a Global Landscape**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway III

● **Influence of supportive and gender (un)-stereotypical social networks on dropout intention.**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway III

● **Gender, Race, and Categorical Closure**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway III

SATAM2.5: Scholastic and Science Networks

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway II

Session Chair: Dominika Czerniawska

🗣️ Speaker



Dominika Czerniawska

Postdoc
Leiden University

3 Subsessions

● **The Down of Global Scientific Collaborations? The Nuclear Fusion Community under the Shadow of the Russia's Invasion of Ukraine**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway II

● **Searching for coherence in a fragmented field: Temporal and keywords network analysis in political science**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway II

● **Foundations for a spectral theory of scientific innovation**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway II

SATAM2.6: Words and Networks

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway I

Session Chair: Alexandre Hannud Abdo

🗣️ Speaker



Sawa Yoshioka

Postdoctoral researcher
INRAE - UMR-LISIS

4 Subsessions

● **Characteristics of homogenization and differentiation strategies for naming using word co-occurrence networks of beverage companies trademarks**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway I

● **SASHIMI and new frontiers in the study of socio-semantic networks with mixed-methods on the Cortext Platform**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway I

● **Socio-semantic network analysis: Opportunities and challenges**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway I

● **Analysis of Media Writing Style Bias through Text-Embedding Networks**

🕒 10:40 AM - 12:00 PM, Jul 1

📍 Broadway I

12:00 PM

Business Meeting & Lunch

🕒 12:00 PM - 1:30 PM, Jul 1

📍 Pavilion Ballroom

Lunch served for those attending the Business Meeting.

Lunch On Your Own

🕒 12:00 PM - 1:30 PM, Jul 1

If you're not attending the Business Meeting, lunch is on your own.

1:30 PM

SATPM1.1: Networks and Cultures

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria III

Session Chair: Andrew Pilny

🗣️ Speaker



Andrew Pilny

Associate Professor
University of Kentucky

2 Subsessions

● **Sociological Investigations into the formation of “Global Avant-garde Art World”: a social network analysis of a mail artwork of a female Fluxus artist in the 1960s-70s**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria III

● **Using relational event modeling to understand the DNA of Jazz music**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria III

SATPM1.2: Sports and Networks

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria II

Session Chair: Tyler Prochnow

🗣️ Speaker



Tyler Prochnow

Texas A&M University

3 Subsessions

● **Passing Chemistry: Timed Interaction in Association Football (Soccer)**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria II

● **CEO networks and succession in sport organizations**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria II

● **Intramural sports social networks and implications for college student physical activity, sense of community, and retention**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria II

SATPM1.3: Networks and Economics

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria I

Session Chair: David Meyer

🗣️ Speaker



David Meyer

Senior Lecturer in Management
Washington University in St. Louis

5 Subsessions

● **Financiers' access to knowledge resources: Business networks trump press freedom**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria I

● **The Structure and Political Economy of International Sanctions**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria I

● **Measuring the level of overlap between trade agreements**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria I

● **Social networks and social network accuracy of entrepreneurs and supporters in a Mid-west US entrepreneurial ecosystem**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria I

● **Venture-capital and Sustainability Driven Investment Strategies: The Syndication of Cleantech Investments**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Galleria I

SATPM1.4: Networks, Norms, and Social Support

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Broadway II

Session Chair: Jennifer Watling Neal

🗣️ Speaker



Jennifer Watling Neal

Professor of Psychology
Michigan State University

4 Subsessions

● **Characterizing the Egocentric Networks that Help and Hinder Care for Individuals Experiencing Chronic Pelvic Pain**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Broadway II

● **Empathy and Learning from Failure in Entrepreneurial Peer Networks**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Broadway II

● **Organizational Differentiation and Informal Social Structure: How Forms of Formal Ranking Shape Friendship Selection among College Students**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Broadway II

● **Characterizing malfeasance, nonfeasance, and uplift relationships within interconnected convoys of parents caring for children with rare disease**

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Broadway II

SATPM1.5: Scholastic and Science Networks

🕒 1:30 PM - 2:50 PM, Jul 1

📍 Broadway I

Session Chair: Kara Kedrick

🔊 Speaker



Kara Kedrick
Ph.D. Student
University of Minnesota

4 Subsessions

- **Early career implications of translational activities in biomedical research**
🕒 1:30 PM - 2:50 PM, Jul 1
📍 Broadway 1
- **The Topic Flow Network -- Measuring Topical Knowledge Flow in Co-Authorship Data**
🕒 1:30 PM - 2:50 PM, Jul 1
📍 Broadway 1
- **The Dynamics of PhD-faculty Hiring Network and Institutional Performance**
🕒 1:30 PM - 2:50 PM, Jul 1
📍 Broadway 1
- **Closing gaps in scientific knowledge: A topological approach to understanding the influence of career age on scientific discovery**
🕒 1:30 PM - 2:50 PM, Jul 1
📍 Broadway 1

2:50 PM

PM Coffee Break

🕒 2:50 PM - 3:10 PM, Jul 1
📍 Pavilion Foyer

3:10 PM

SATPM2.1: Networks and Cultures

🕒 3:10 PM - 4:30 PM, Jul 1
📍 Galleria III

Session Chair: Eric Jones

🔊 Speaker



Eric Jones
Associate Professor of Social Epidemiology
University of Texas Health Science Center at Houston

4 Subsessions

- **A Topic Modeling and Network Analysis of Nazi Autobiographies**
🕒 3:10 PM - 4:30 PM, Jul 1
📍 Galleria III
- **How social networks shape perceptions of ethnic minorities**
🕒 3:10 PM - 4:30 PM, Jul 1
📍 Galleria III
- **Learning Morality in Peer Networks: A New Look at Historical Texts of Taiwanese Childhood**
🕒 3:10 PM - 4:30 PM, Jul 1
📍 Galleria III
- **Networked hobby gardeners**
🕒 3:10 PM - 4:30 PM, Jul 1
📍 Galleria III

SATPM2.2: Negative Ties and Signed Graphs

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Galleria II

Session Chair: Andrew Beers

🗣️ **Speaker**



Andrew Beers
PhD Candidate
University of Washington, Seattle

2 Subsessions

● **“Negative” Influencers in Social Networks: From Targeted Harassment to Controversy Cultivation**

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Galleria II

● **Do they change or remain the same? Exploring what becomes of difficult ties in personal networks.**

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Galleria II

SATPM2.4: Networks, Norms, and Social Support

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Broadway II

Session Chair: Sareena Chadha

🗣️ **Speaker**



Sareena Chadha
Social Psychology PhD Student
University of Virginia

4 Subsessions

● **Belonging impacted by perceived differences from peers and social networks**

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Broadway II

● **Social network characteristics associated with high fertility desires among married adolescent girls and their husbands in rural Niger**

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Broadway II

● **Whom to Rely on for Support? Changing Networks of Confidants and Caregivers in Later Life**

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Broadway II

● **How to be a HERO: the impact of support networks on the psychological capital of university students**

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Broadway II

SATPM2.5: Scholastic and Science Networks

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Broadway I

Session Chair: Peter McMahan

🗣️ Speaker



Peter McMahan
McGill University

2 Subsessions

● **The dynamics of public critique and rebuttal in scientific publication**

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Broadway 1

● **Team Satisfaction and Network Integration: A Longitudinal Case Study of Two NSF Funded Science Teams with Varying Levels of Success**

🕒 3:10 PM - 4:30 PM, Jul 1

📍 Broadway 1