

# Lightning Talks

## Session 1 (~9:15 AM)

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1	Christopher Dunstan	Graduate Student, North Carolina State University, cdunsta@ncsu.edu	"The spatiotemporal spread of dance trends and styles"
2	Maryam Torkashvand	Graduate Student, University of Iowa, maryam-torkashvand@uiowa.edu	"Patterns of the past: a study on historical migration network structures"
3	David Russell	Graduate Student, University of Florida, david.russell@ufl.edu	"Extracting dynamic social network edgelists from event data"
4	Aleya Khalifa	Graduate Student, Columbia University ak4598@cumc.columbia.edu	"Neighborhoods, mobility, and sexual behavior among Black cis-gender sexual minority men in Chicago"
5	Annetta Burger	Research & Development Scientist, Oak Ridge National Laboratory, burgerag@ornl.gov	"Spatial social networks in human mobility patterns: A case study of disaster response"
6	Anurupa Roy	Research & Development Associate, Oak Ridge National Laboratory, roya@ornl.gov	"Towards an understanding of the socio-spatial embeddedness of 'slum' communities"

Q&A

## Session 2 (~10:15 AM)

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7	Tan Luong	Graduate Student University of Florida, tluong1@ufl.edu	"One health on the edge: Results from a network analysis of policies governing human health and animal health planning in Vietnam"
8	Amir Masoud Forati	Graduate Student, University of Wisconsin Madison, aforati@uwm.edu	"The journey to overdose: using spatial social network analysis as a novel framework to study geographic discordance in overdose deaths"
9	Anthony Corso	Professor, California Baptist University, acorso@calbaptist.edu	"Geolocated social media operationalized to address the opioid overdose crisis in America"

Q&A

## Coffee Break (10:45 AM - 11:00 AM)

## Session 3 (~ 11:00 AM)

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10	Song Gao	Associate Professor, University of Wisconsin Madison, song.gao@wisc.edu	"Predicting human activity with geoAI by fusing physical and social interactions through graph convolutional networks"
11	Yuhan Ji	Graduate Student, University of Wisconsin Madison, yuhan.ji@wisc.edu	"Machine learning for driver profiling using mobility-based network motifs"
12	Jake Kruse	Graduate Student, University of Wisconsin Madison, jkruse@wisc.edu	"Spatial interaction communities as the basis of communities of interest in redistricting"
13	Yunlei Liang	Graduate Student, University of Wisconsin Madison yunlei.liang@wisc.edu	"Spatial network community detection using graph convolutional networks"
14	Lan Mu	Professor, University of Georgia, mulan@uga.edu	"Kaleidoscope of geotagged social media analyses from a UGA group"
15	Gengchen Mai	Assistant Professor, University of Georgia gengchen.mai25@uga.edu	"Spatial social network research in artificial general intelligence era"

### Q&A

## Session 4 (~ 12:00 PM)

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16	Jennifer Kowalkowski	Graduate Student, Pennsylvania State University, jqk6169@psu.edu	"Applying spatial social networks to mitigate adverse occupational-related health effects among agricultural producers"
17	James Wilson	Associate Professor, Northern Illinois University, jwilson41@niu.edu	"19th century naturalist and collector networks"
18	Ruchie Pathak	Graduate Student, University of Alabama, rpathak@crimson.ua.edu	"Examining the role of farmers' social networks in the diffusion and adoption of climate-smart agricultural practices in Alabama"

### Q&A