



International Data Collection using Human Subjects: Logistics and Challenges

Socio-Cultural Attitudinal Networks

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Summer 2020 Webinar Series

Date	Time (EST)	Speaker	Title
June 4	3 - 4:30 pm	Dr. Purush Iyer US Army Research Office V.S. Subrahmanian Dartmouth College	Introduction to the SCAN Project and Deception Detection from Online Videos
June 10	4 - 5 pm	Judee Burgoon University of Arizona	A Novel Approach to Investigating Deception during Group Interaction
June 15	12-1 pm	Norah Dunbar UCSB	Persuasive Deception and Dyadic Power Theory
June 22	3 - 4 pm	Jure Leskovec Stanford University	Dynamic Embeddings of Temporal Interaction Networks
June 29	3 - 3:40 pm	Pan Li Stanford University	An Interpretable Representation Learning Framework for Dynamic Social Networks
July 13	3 - 4 pm	Chongyang Bai Dartmouth College	Dominance Detection in Group Interaction Videos
July 20	4 --5 pm	Dimitris Metaxas Rutgers University	Detection and Tracking of Humans and Faces using Machine Learning
July 27	4 - 5 pm	Dimitris Metaxas Rutgers University	Video-based Deception Detection and Corresponding Feature Discovery
August 11	2 - 3 pm	Jay Nunamaker University of Arizona	Going the Last Mile for SCAN Transition
August 18	1 - 2 pm	Miriam Metzger UCSB	International Data Collection using Human Subjects: Logistics and Challenges



Ground Rules for Today's Webinar

- Please use the Q&A button at the bottom of your Zoom screen to ask questions. Questions will be moderated
- The Q&A session will follow the panel presentation
- The entire session is being recorded and will be made available on the ISTS YouTube channel and Webinar Series web page



Topics in Today's Webinar

- Context
- Securing partners
- IRB approval
- Participant recruitment and management
- Pre-arrival considerations
- Post-arrival considerations
- Post-departure considerations
- Unanticipated issues





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Context for Today's Webinar

- Deception game
- Groups of 5-8 players and 1 facilitator
- Video recorded
- Self-report, linguistic, and behavioral data captured through custom app
- Collected data in 6 countries
 - 695 participants in 8 sites
 - 95 games played





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Context for Today's Webinar

The Game:

- Modified version of Resistance/Mafia
- Participants assigned role of villager (truth-teller) or spy (deceiver)
 - Only spies knew who the other spies were
- Game consisted of series of “missions” to protect hypothetical town
 - Villagers earned points for successful missions
 - Spies earned points by failing missions
- Game rounds had three phases: leader election, team formation, and mission vote
 - Public votes and secret votes recorded by app
- Self-report surveys completed every other round on tablets





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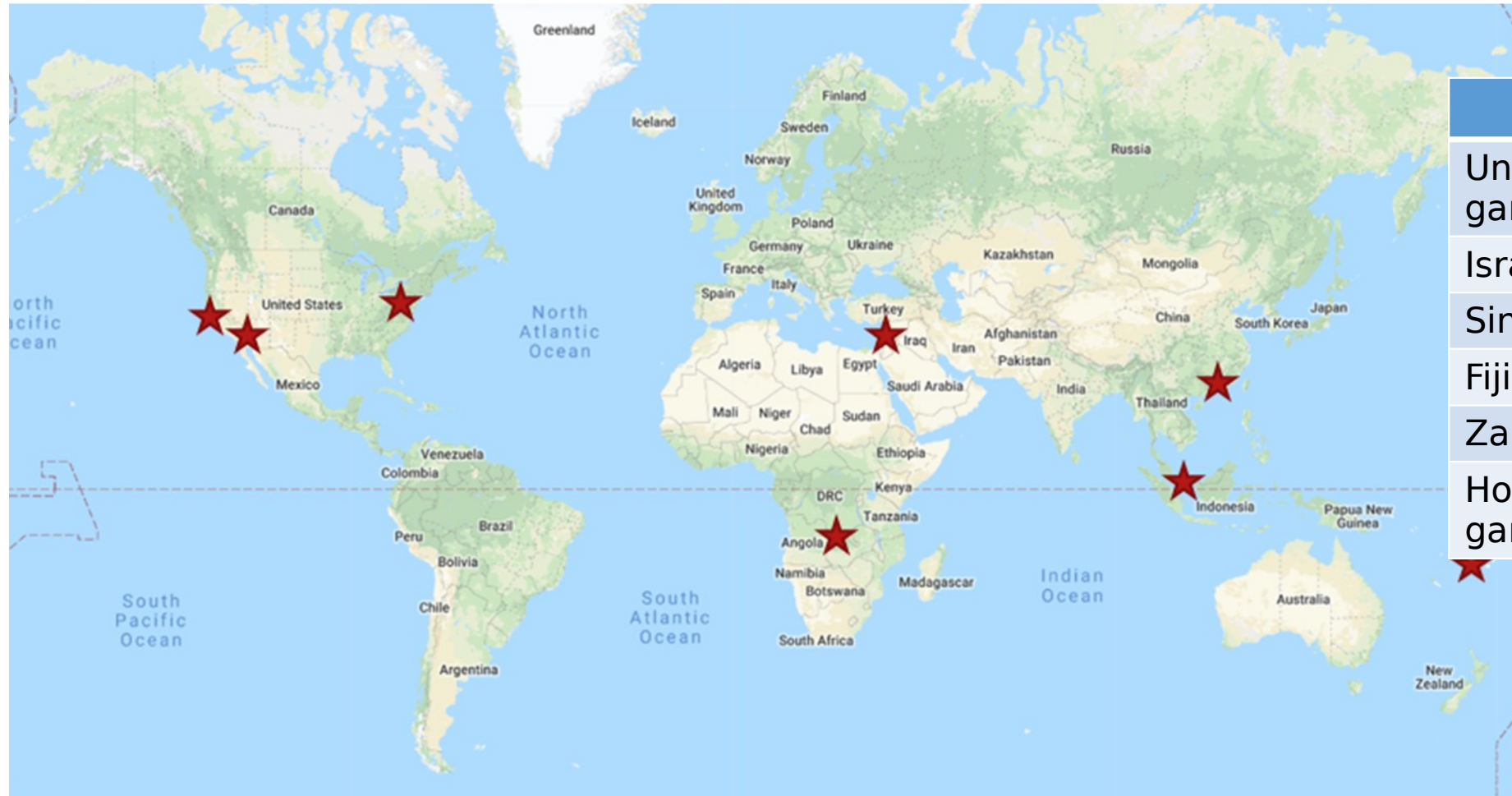
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Context for Today's Webinar



Data Collection Sites

United States (N = 61-78, 9-11 games)

Israel (N = 64, 9 games)

Singapore (N = 84, 12 games)

Fiji (N = 106, 14 games)

Zambia (N = 117, 15 games)

Hong Kong (N = 115, 15 games)



Securing International Partners

- Avoid “cold-calling” if possible
 - Work with contacts you know personally
 - If no contacts, ask your social networks to introduce you
- Recruit more than you need
 - Expect change
 - It's easy to get partners to agree but they may change their mind



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Securing International Partners

- Avoid “cold-calling” if possible
 - Work with contacts you know personally
 - If no contacts, use your social networks to introduce you
- Recruit more than you need
 - Expect change
 - It's easy to get partners to agree but they may change their mind
 - Provide as much information as possible to partners upfront
- Find a local coordinator to assist
 - Build this into your proposal
 - Incentivize if possible





IRB Approval

- Multi-layered process for international research



IRB Approval

- ✓ Multi-layered process for international research
 - Obtain IRB approval at your university or organization
 - Process is the same for domestic research, but will need more information
 - If multi-university study, appoint one to be IRB of record
 - If required, obtain approval from international university or organization
 - Read the fine print, further approvals may be needed
 - Federal agency approval may be needed (e.g., HRPO)



IRB Approval

- Multi-layered process for international research
- IRB requires highly-detailed information



IRB Approval

- Multi-layered process for international research
- ▼ IRB requires highly-detailed information
 - Participants' background, age, language, number, compensation
 - Procedures
 - Risks
 - Safeguards
 - Informed consent
 - Data storage
 - Benefit/Risk ratio

Allow time for back-and-forth with your IRB, for translation if needed, and must get re-approval for any changes



IRB Approval

- Multi-layered process for international research
- IRB requires highly-detailed information
- IAIR needed if multi-campus study
- Research ethics certification for each PI likely required
- Plan ahead and leave LOTS of time for this!



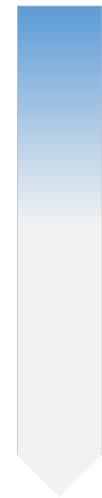
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Zambia IRB Approval Process & Timeline

Initial contact

- introduction to UNZA faculty partners



March
2017

UNZA IRB application

- UCSB received
- UCSB completed



April

Fee paid



May

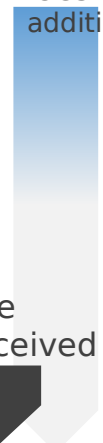
Fee received



June

UNZA Application submitted

- Submitted by UNZA faculty partners to UNZA IRB committee
- UNZA IRB requests more info
- UCSB completes additional forms



July

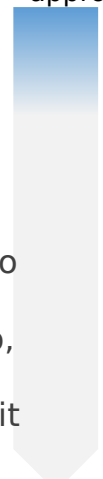
UNZA requests clarifications and more info, UCSB provides it



Aug

UNZA approves application

- UCSB discovers additional govt ministry approval needed



Sept

Ministry forms submitted

- UCSB IRB mod to add Zambia



Oct

Nov

Ministry requests clarifications

- UCSB provides them



Dec

2018

UCSB IRB approves application & HRPO started

- Begin discussion with UNZA about dates and facility



Feb

HRPO application submitted

- Had to wait for ministry to submit



March

Ministry approval received



April

HRPO approves application



May

UCSB/UA arranged



June

Data Collection Completed (year)



Aug



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Participant Recruitment & Scheduling

- Finding participants
 - Have local coordinator assist
- Scheduling lab/session appointments



Participant Recruitment & Scheduling

- Finding participants
 - Have local coordinator assist
- Scheduling lab/session appointments
 - Software can automate process:
 - send link for sign ups with X participant slots
 - create wait lists
 - group available participants at times all are available
 - complete forms before sign up (e.g., consent forms)
 - reminder emails from the system
 - adjust for language and time zone
 - smartphone and desktop interface





Participant Recruitment & Scheduling

- Finding participants
 - Have local coordinator assist
- Scheduling lab/session appointments
- Sign up more participants than you need (e.g., 12 to get 6)
- Send email and text reminders of appointment time



Pre-arrival Considerations

- Locate facility/venue for research and translators if necessary
 - Ask local host to help coordinate
 - Security needs?
- Contact local IT ahead of time
- Ship equipment and arrange for secure storage if needed
 - Create packing checklists to insert into luggage
- Obtain visas, travel immunizations & medications
 - May need to budget for this





Post-arrival Considerations

- Meet with local hosts and coordinator
- Equipment set-up and testing
- Obtain needed supplies
 - Local SIM card and data plan for last-minute participant reminders
 - Hard copies of consent and permission forms
- Set up participant payment procedure
 - Cash vs. electronic transfer
- Rehearse with local coordinator





Post-departure Considerations

- When using data from human subjects, check permissions!
 - Must get each participants' separate (yes/no) approval for *all* uses:



- ___ The video can be shown to other researchers for other research projects
- ___ The video can be shown to other subjects either in this study or another study for coding or observational training purposes
- ___ Images from the video can be used for scientific publications
- ___ The video can be shown in a classroom to other students
- ___ The video can be shown in public presentations to non-scientific groups
- ___ The video can be used on television and radio

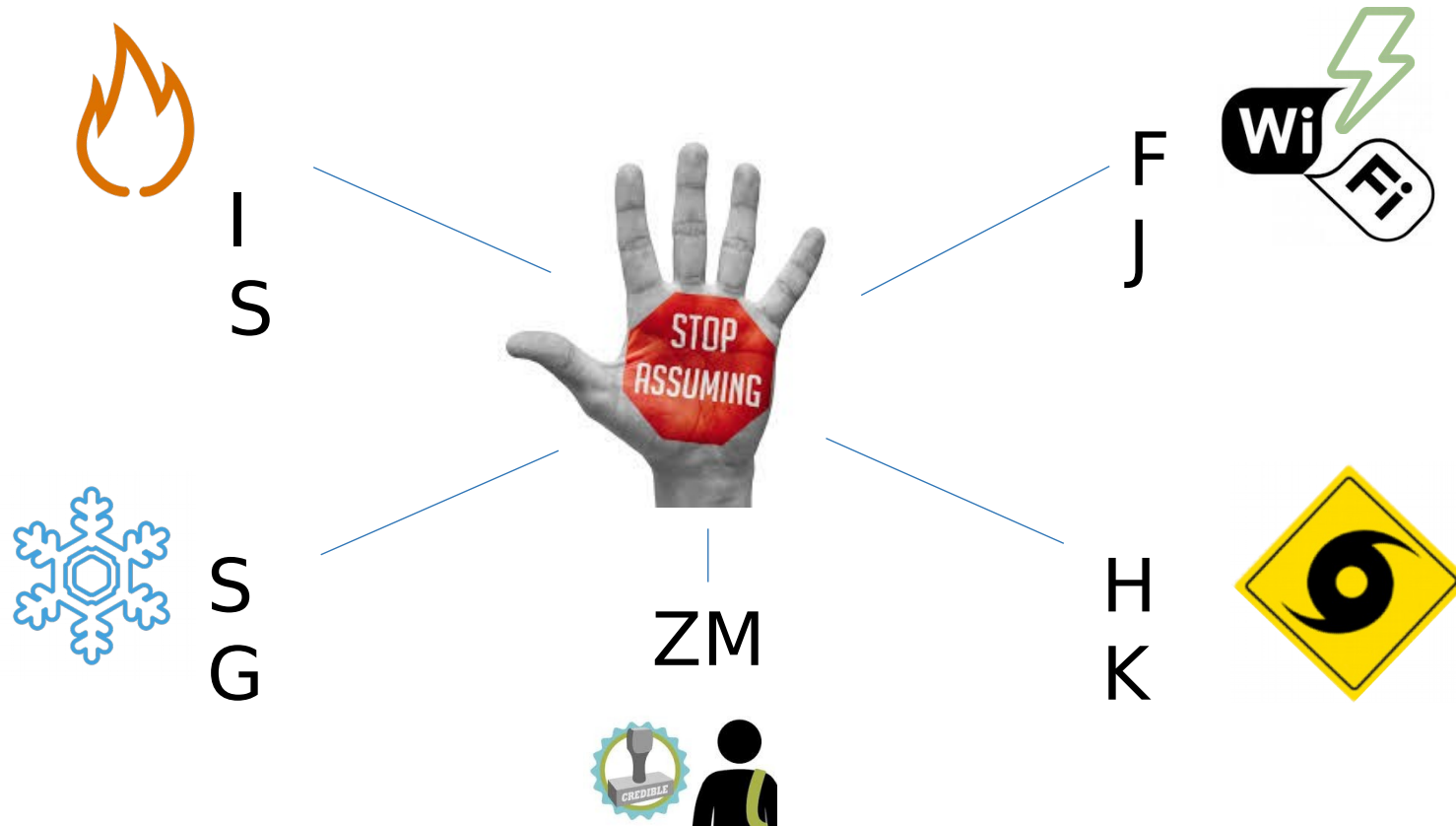
- This step is no different from domestic HS research, but may be more important



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Unanticipated Issues





Other Unanticipated Issues

- Equipment failure
 - Broken in shipping
 - Defective software
 - Unreliable local IT and infrastructure
- Data storage failures
- Site incompatibility
- Participant no-shows forced game cancellations





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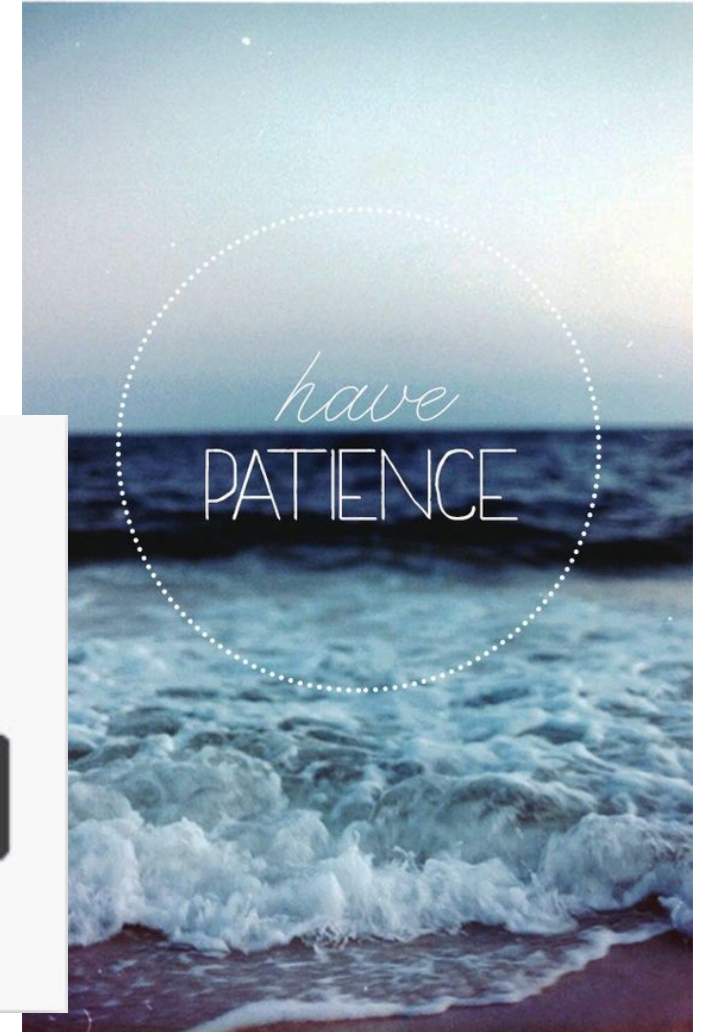
My Final Advice:



**ALWAYS
HAVE A
BACKUP
PLAN**

Take nothing
for granted.

**EXPECT
THE
UNEXPECTED**





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Thank you!

Q&A?

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Contact:
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