Harnessing the Computational and Social Sciences to Solve Critical Societal Problems



Closing Remarks / Next Steps

NSF OFFICIALS and ROUNDTABLE CO-CHAIRS

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Some common themes

Need for better, more comprehensive data

- · Research infrastructure, including human
- Qualitative/Holistic in addition to Quantitative

Need to create/sustain multidisciplinary teams

- Methodological diversity important, but also questioning assumptions and framings for research
- Importance of training as well as its impact on the future workforce / allocation of resources across disciplines

Ethics as a research program

- · Jointly maximizing public good and private rights in a digital era
- Not just about data; also about design and evaluation of tech

Measurement is not enough: Communication of research findings is critical for impact

Science of science communication

Partnering with Communities important as well as with industry

Especially true for marginalized communities; Could be part of broader impacts

Evaluation research needs to be prioritized

Diversity and disparate impact are persistent problems that cut across all the above

• Industry, training and education programs, training data for ML algos, intervention design

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Next Steps

- We will attempt to summarize what we have heard today and read your one-pagers (send them up to end of weekend)
- We will report back to NSF CISE and SBE ACs in early June
 - We will share our report with you (but not one pagers)
- We will communicate follow-up activities (e.g. future workshops) back to you

Thematic Area	Infrastructure Needs	Industry Partnerships	CISE-SBE Collaborations	Training and Education
Reduce Disparities				
Improve Information Trustworthiness				
Empower Technical Workforce				

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Comments from Kelly and Erwin

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Time for Final Questions?



Thanks

- NSF CISE-SBE leadership for their enthusiasm and support
- Frankie King and her team for seamless execution
- My co-organizers: Beth, Rob, Alondra, Nadya, and Willie
- Our fantastic lineup of speakers
- All of you!!