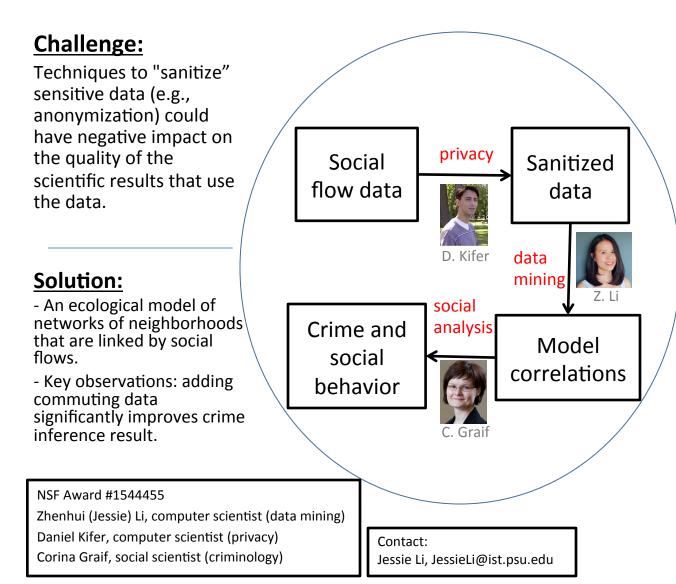


Toward Transparency in Public Policy via Privacy Enhanced **Social Flow Analysis** with Applications to Ecological Networks and **Crime**



Scientific Impact:

- Data privacy researchers have a better understanding of what end-user data practitioners need from sanitized data.

- Robust data analytic model for sanitized data.

- Studies of social issues with social flow data.

Broader Impact:

- Enable data sharing with the public.

- Generate scalable and robust analyses to address critical social issues.

- Suggest potential avenues for improving decision-making by social workers and urban planners.

- Interdisciplinary project between computer scientists and social scientists.