

Carter T. Butts: Current Network Research Activities

- **Substantive topics**

- Structure of spatially embedded networks
- Interpersonal/organizational interaction during disasters
 - Responder communication
 - Organizational collaboration
- HIV transmission networks
 - Cycle structure, boundary effects

- **Methodological work**

- Bayesian modeling
 - Network inference
 - Intertemporal processes
- Discrete exponential families
 - Curved families for spatial network effects
 - Graph comparison (permutation models)
 - Assignment systems

Project/Software URLs

- **R Software (sna, network, nettheory)**
 - <http://erzuli.ss.uci.edu/R.stuff>
 - See also <http://cran.r-project.org/>
- **Statnet Project**
 - <http://csde.washington.edu/statnet/>
- **ResCUE Project**
 - <http://www.itr-rescue.org/>
 - See also <http://www.responsphere.org/>

