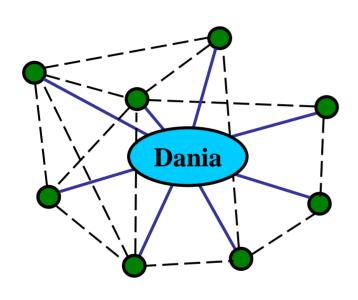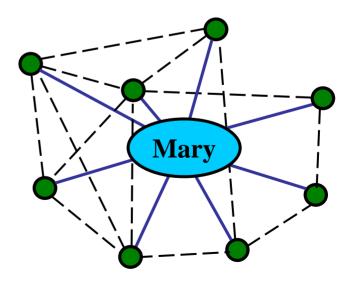# Ego Networks

Steve Borgatti
Boston College

Ego Networks

- (Random) sample of nodes
  - Each sampled node called an "ego"
- Each is asked for set of contacts called "alters"
- Ego also asked (usually) about ties among alters
- Connections between ego's or between alters of different egos are not recorded
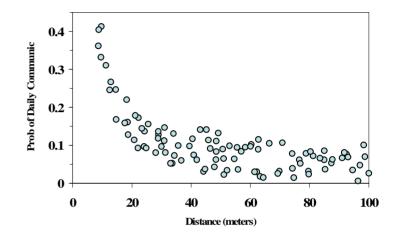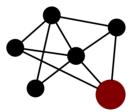 - Each ego is a world in itself

Ego Networks

Data Collection

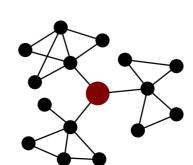- **Name generator**
  - Obtain complete list of alters

- **Name interpreter**
  - Systematic assessment of social relations with each alter

- **Alter attributes**

- **Alter-Alter ties**

Types of Analyses

- Size & Strength
- Composition
  - Selection
    - e.g., propinquity, homophily
  - Heterogeneity
  - Quality
- Shape
  - Density
  - Components
  - Holes

	Male	Female
Male	1245	748
Female	970	1515

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