Incorporating GIS and Civic Participation: Somerville, MA

**Purpose:**
To determine and illustrate civic participation within the city's voting districts and analyze and present the spatial distribution of contributions to electoral campaigns 2001-2006.

**Methodology**

1. **Collect Data, and Vector Layers**
2. **Geo-code addresses using USA Street Map**
3. **Using ArcMap's Spatial Tools**

**Input Data:**
- Donors
- Feature Population Field: Amount

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**Percentage of total ballots cast**
- 2.4 - 3.0
- 3.1 - 5.1
- 5.2 - 6.2
- 6.3 - 7.3

**Percentage of total registered voters**
- 3.0 - 3.7
- 3.8 - 4.6
- 4.7 - 5.3
- 5.4 - 6.0

**Population Density**

**Elections 2005**

**Who contributes to whom and where do they live in Somerville.**

**Sources:**
- City of Somerville: Vector Layers - Shape Files
- Somerville's Election Department: Data (Election Results)
- Census 2000: Census Tables
- Office of Campaign and Political Finance (www.efs2.cpf.state.ma.us): Donors Info
- Web Page — Mass Vote.org: Data
- Photo: Bianca Salazar.