

Who is the audience?

- SAMSHA
- National Institute of Health
- Social workers
- Child abuse experts

How audience encounters project:

- through an online application
- real time video projection of sounds collected in the South Bronx
- footage with Anne Murphy

What am I asking of my audience?

- Can their be an input opportunity??

What my audience learns

- more about the South Bronx community, their struggles and efforts to improve the lives of children.
- Provide information on adverse childhood experiences



## Thesis #1

→ Child Maltreatment in the South Bronx:  
Examining Group Attachment Based Intervention Data

- This project involves analyzing data collected by the center of Attachment Research on a study they developed to decrease child maltreatment in the South Bronx

### Audience

- State government, child abuse and trauma organizations that have been funding treatments like 'STEP'
- Einstein Hospital (when the treatment first began)
- Data Viz community members interested in work related to psychological data/child abuse
- Daniel Sauter
- SAMSHA organization

### Audience & the Project

- web app?
- paper.js

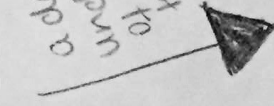
→ audience can interact with the visualization by dragging elements  
→ audience can toggle experiences of children who've received treatment those who have not

\* Startish Story

→ big issue to combat bc every individual who benefits means a lot

### Data Considerations

- What does audience take away?
- Data has been collected since 2011.
  - Newest Data may not be able to go public until later in the year
  - Research has been comparing GABI study to normal study called 'STEP'



a deeper understanding of how to combat child abuse

Plotting experiences of those who've received treatment

## **Group Attachment Based Intervention Data**

### **From 2006-2011 Types Data Collected:**

- Strange Situation (study where parent and child are separated, a stranger comes into the room while parent is away, stranger leaves the room, parent then reunites with the child)
- Adult Attachment Interviews (with every parent)
- Parenting Stress Index (PSI)
- ACEs

### **In 2011:**

- Big grant received from National Institute of Health (\$1 million)
- To run a randomly controlled trial, highest way of demonstrating efficacy
  - o Being collected now
  - o Looking at GABI intervention vs. STEP (steps towards effective parenting, that's what's usually used, but its crappy)
- New York State Health Foundation gave \$200,000 to test the intervention to 10 sites in New York State

### **In 2012:**

- New grant the National Children's Trauma Network (part of SAMSHA)
- This SAMSHA grant rolls out the intervention to additional sites

### **Findings:**

- CIB findings show the GABI families are healthier, mothers vocalize more to their babies, connect more etc.
- STEP families look worse on the CIB scale

When you mix poverty & young people = maltreatment

A lot of domestic violence

What's the mix that creates maltreatment?

Most toxic environment in the city (lots of dumps)

Health issues

What makes this neighborhood so poor?

Could be an environmental factor

Poor schooling opportunities

Fewer pediatricians

Most men are in jail

Prisons and courts are in the Bronx