Psyc 109
Research Methods

Day 10: Thursday Feb 16
Exam?

A. Went real real real well 😊😊
B. Was just fine 😊
C. Was….okay
D. Not so great 😞
E. Ugh 😞😞

3. Find x.
Plan for the day

- Remember: e-mail inbox
- Research design: some more
- Writing: STYLE not format
  - Issue du jour: bias
- Next assignments
Up Next

- Writing Assignment
  Set 4, Feb 20: All in Zotero
- Back in the swing with quizzes
# Research Designs

<table>
<thead>
<tr>
<th>Design</th>
<th>Advantages</th>
<th>Disadvantages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Experiment</td>
<td>Control of independent variable</td>
<td>Can be artificial</td>
</tr>
<tr>
<td><strong>Quasi-experiment</strong></td>
<td><strong>Can compare groups</strong></td>
<td><strong>Less confidence in cause-and-effect relationships</strong></td>
</tr>
<tr>
<td>Correlational study</td>
<td>Shows degree and direction of relationship</td>
<td>Cause-and-effect may be uncertain</td>
</tr>
<tr>
<td>Case study</td>
<td>In-depth, compelling descriptions</td>
<td>Atypical participants may not represent people in general</td>
</tr>
</tbody>
</table>
Research design?
APA Style: bias

- Use labels that people prefer
  - *gay men and lesbians* not *homosexuals*

- Avoid using problematic terms
  - *raters were unaware of experimental condition* not *raters were blind to condition*

- Avoid gendered pronouns, heteronormative assumptions

- Adjectives as descriptors, not labels
  - *elderly participants* not *the elderly*
Prolonged Exposure Versus Eye Movement Desensitization and Reprocessing (EMDR) for PTSD Rape Victims

Barbara Olasov Rothbaum,1,3 Millie C. Astin,1 and Fred Marsteller2

This controlled study evaluated the relative efficacy of Prolonged Exposure (PE) and Eye Movement Desensitization and Reprocessing (EMDR) compared to a no-treatment waitlist control (WAIT) in the treatment of PTSD in adult female rape victims ($n = 74$). Improvement in PTSD as assessed by blind independent assessors, depression, dissociation, and state anxiety was significantly greater in both the PE and EMDR group than the WAIT group ($n = 20$ completers per group). PE and EMDR did not differ significantly for change from baseline to either posttreatment or 6-month follow-up measurement for any quantitative scale.
Research area and hypothesis?

A. It's ready; I'm happy. 😊 😊
B. Some minor tweaking needed 😊
C. An okay start, I guess.
D. The love is over 😞 😞
Assignment: Bibliography

- Zotero
  - Container for article (Albright & Thier, 2010)
  - Populate with at least 10 usable references
  - Tag for each: your search or identification strategy
  - Generate bibliography
  - Copy-paste tag text AFTER each item