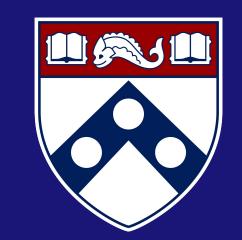
The Healthy Brains and Behavior Study: Methodology and Challenges in Community-Based Follow-Up Studies of Young Adults



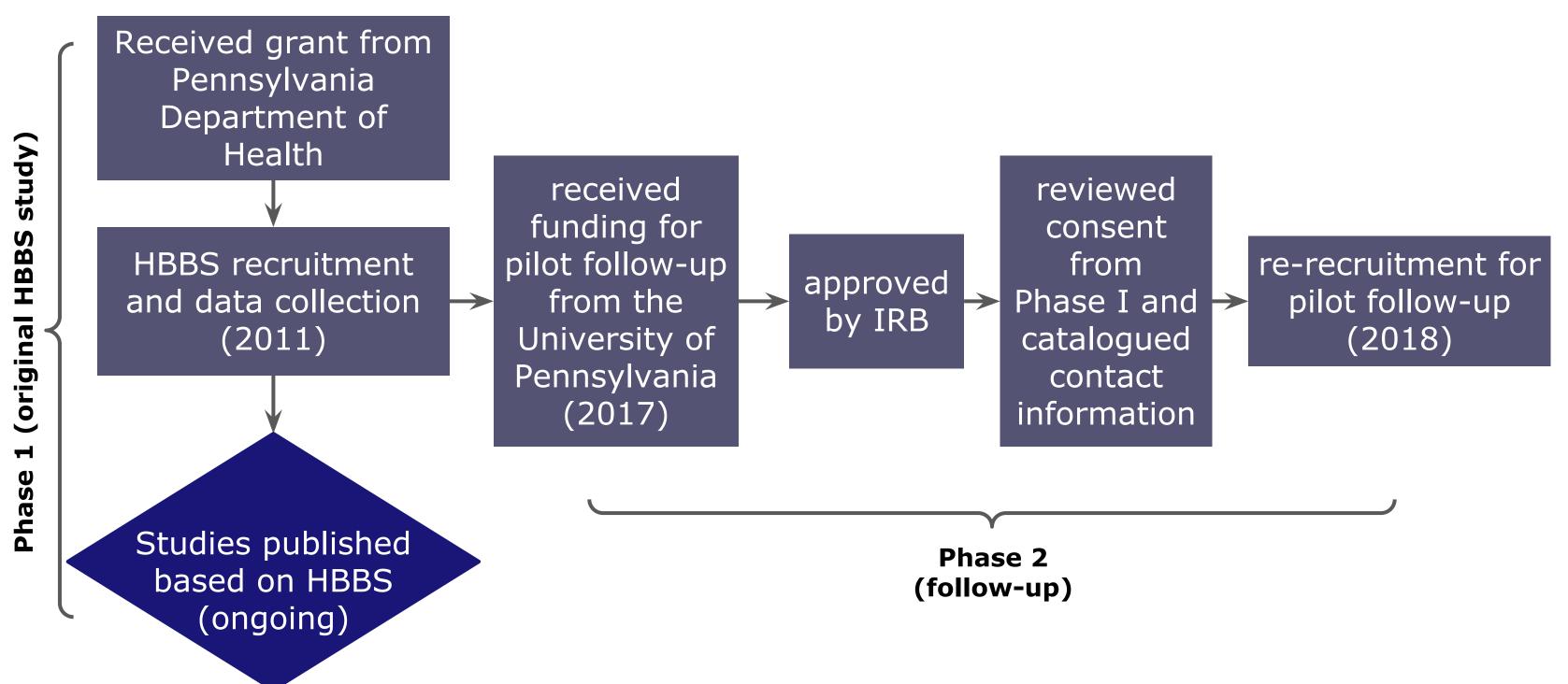
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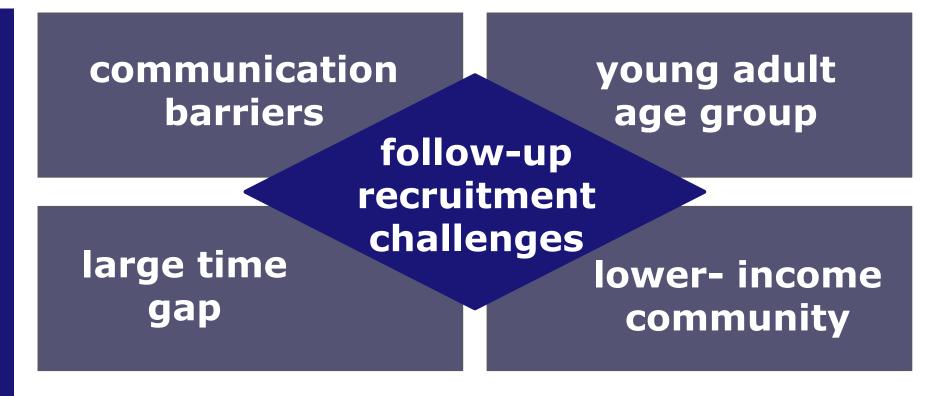
BACKGROUND

- ❖ Life-course research has become increasingly appreciated as a method for understanding the effect of adverse experiences in early childhood on health outcomes in young adults (Jones et al., 2020)
- ❖ 2011 HBB Study: assess multidimensional biosocial risk factors and environmental influences on behavioral outcomes in 450 West Philadelphia 11-13 year-olds (Liu et al., 2013)
- ❖ 2018 pilot follow-up: assess feasibility of a large-scale follow-up to study longitudinal relationships of early lead exposure, childhood social adversity, and later health outcomes in the 2011 cohort
- ❖ There is a gap in the literature regarding longitudinal health data for lower-income communities (Tobler & Komro, 2011)
- ❖ Existing literature that details specific steps in retention and re-recruitment in longitudinal and follow-up studies, especially using modern communication methods, is sparse (Abshire et al., 2017)
- ❖ Retention is vital to the accuracy and significance of findings for follow-up studies in order to get an accurate picture of the sample (Nicholson et al., 2011)

Recruiting participants for community-based studies is challenging, especially for follow-up studies with time gaps.

Additionally, changing technologies and standards of communication make re-contacting participants difficult and can hinder the development and implementation of follow-up and longitudinal studies. Researchers must adapt to new technologies to optimize recruitment and retention in participant-based research.





DISCUSSION

- Existing literature emphasizes success of mailings for retention (Tobler & Komro, 2011; Nicholson et al., 2011), but communication standards change quickly
- ❖ In more recent studies, Facebook has been a successful recruitment and retention tool (Mohan et al., 2017)
- Minority participants on average consent later than white participants (Mohan et al., 2017) and generally report more distrust of research institutions (Ejiogu et al., 2011)

CONCLUSIONS

- Using social media and other online platforms as a recruitment and retention strategy
- Shift away from mail and in-person recruitment
- How will COVID-19 impact the way participant-based studies are conducted?

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communication young adult age barriers group follow-up recruitment challenges lower-income large time gap community

Questions?

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