



Reflections on the Transdisciplinary Research Process: Integrating Biology, Society, and the Environment (BSE) in the Food, Culture, and Health Study



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Food, Culture, and Health Study

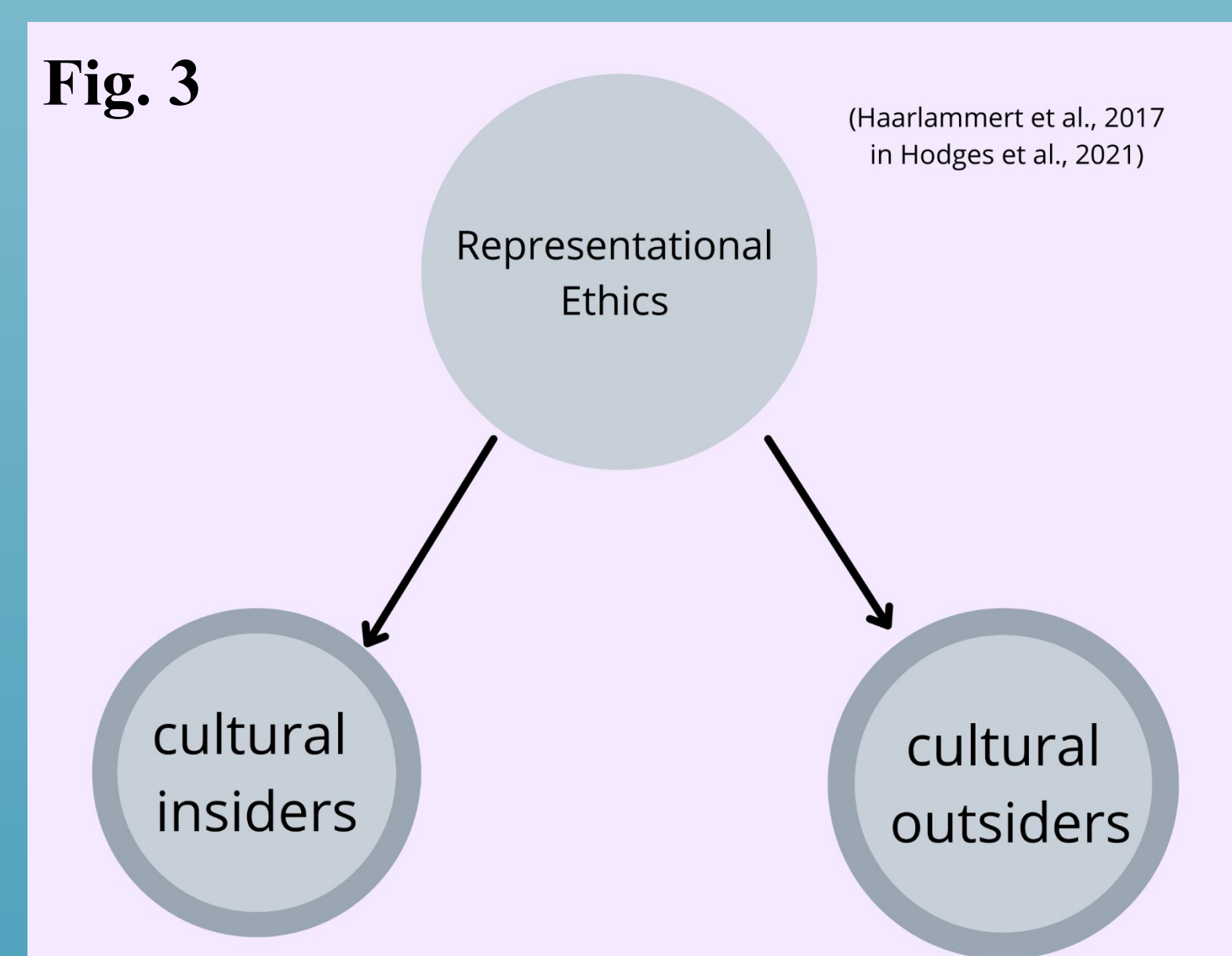
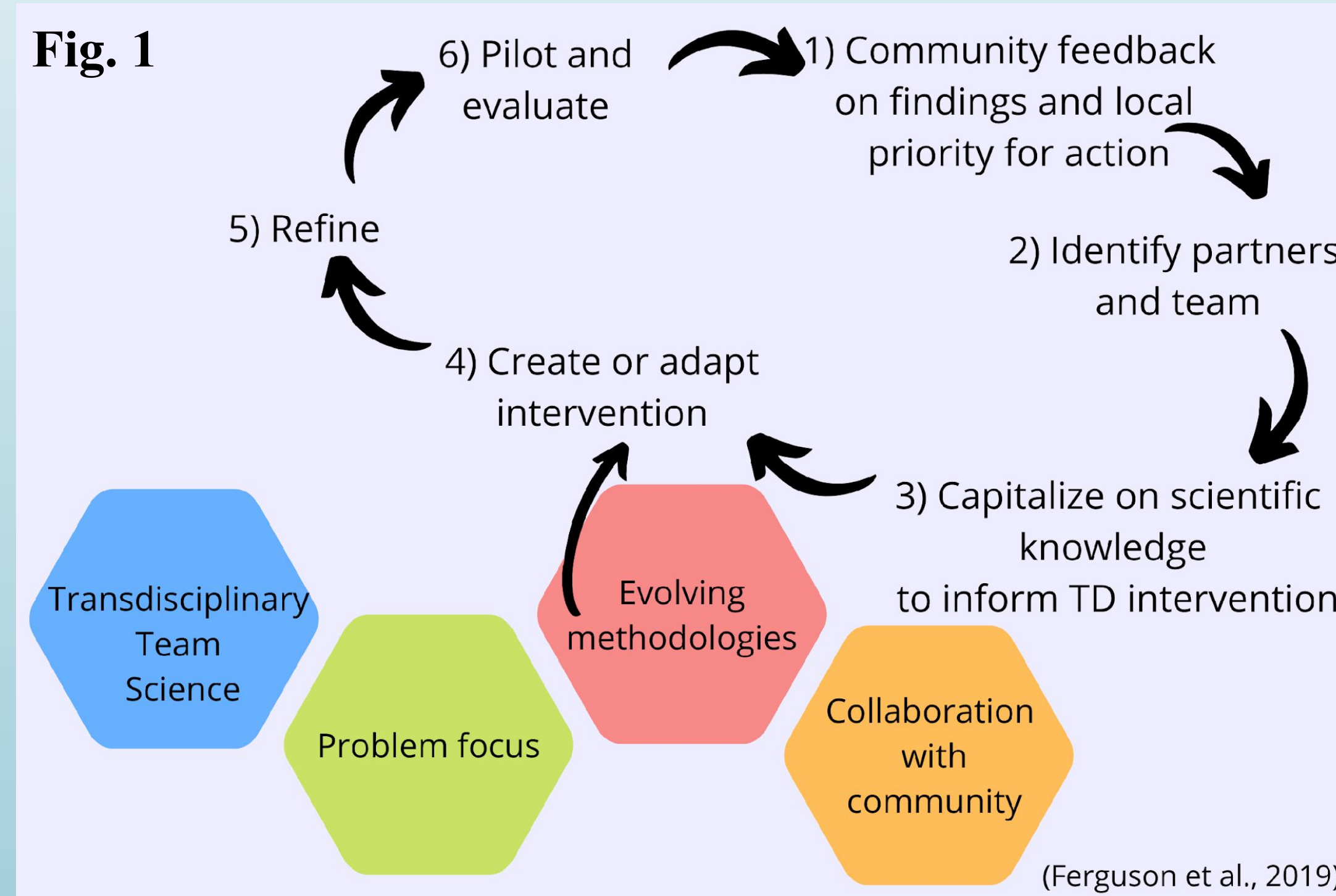
- Aimed to explore associations among acculturation, advertising and media use, and nutrition and health in the Black immigrant/refugee communities
- Transdisciplinary study with experts from areas of developmental and cross-cultural psychology, advertising and media, and nutrition and health, along with cultural experts (Fig. 1)
- Incorporated community-based participatory research (Fig. 2) and representational ethics (Fig. 3)
- Collected mixed methods data through an online survey taken by adolescent participants in zoom rooms; subsample of families also participated in zoom interviews

Biology, Society & the Environment

- BSE is a transdisciplinary major and all three components were considered
- ✓ Investigation of culture-specific risk factors for **nutrition**
- ✓ Took a larger **societal** issue and applied it to individual lives by investigating of the impact of dual pandemics on the sampled communities
- ✓ Adjusted study design to fit community **environment** and needs

Reflections on Transdisciplinarity

- Team members from different disciplines worked together to address a real-world challenge of nutritional resilience during dual pandemics
- PI Dr. Gail Ferguson communicated with Dr. Saida Abdi regarding the Somali community's interest in nutrition learning



Selected References

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Fig 4. Observations and Learnings

