

# GENDER, EPIGENETICS & ADDICTION

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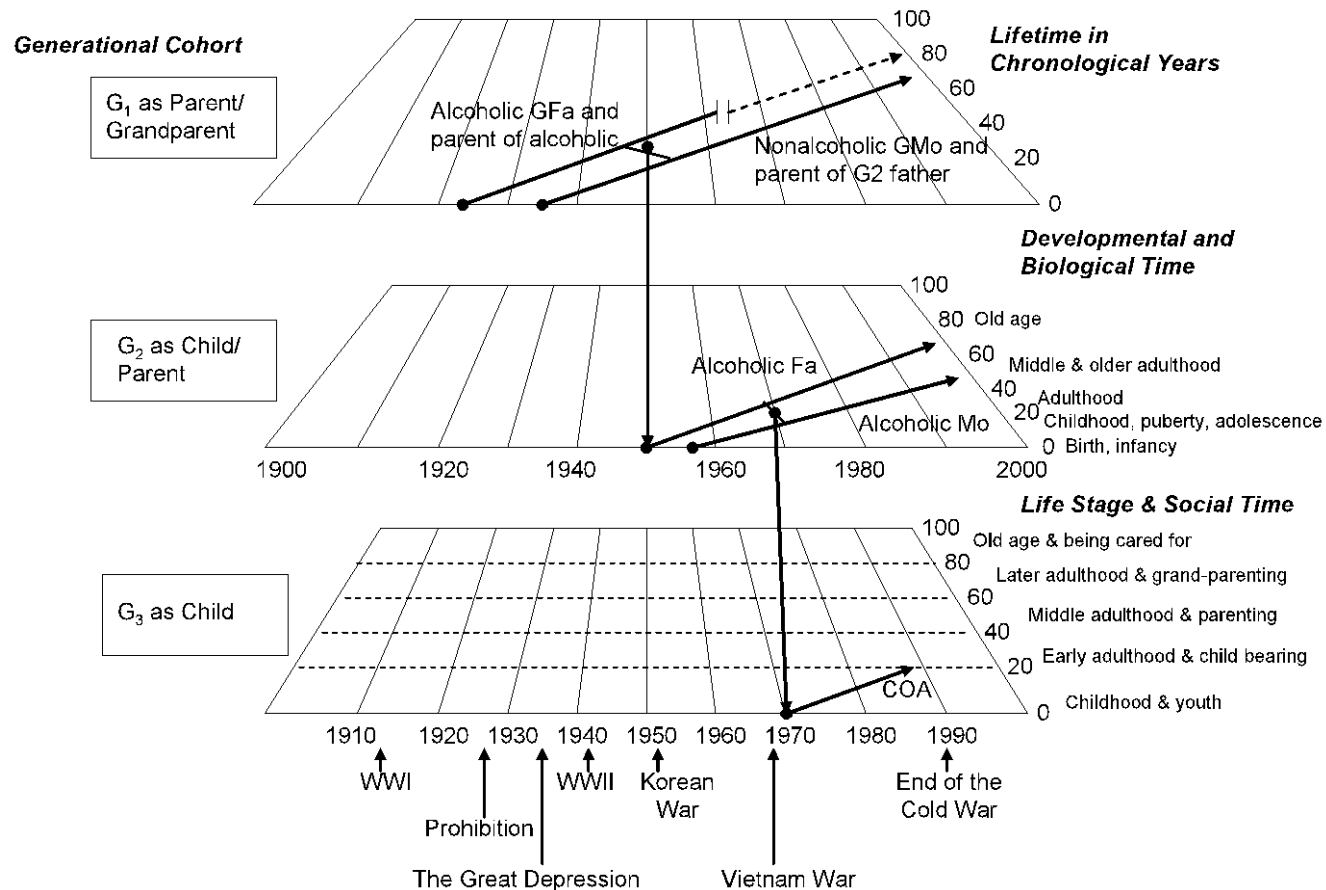
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# Michigan Longitudinal Study

- Description of study Our long view of the study

**The multigenerational linkage of life-course trajectories in individual/developmental time, life-stage time, family time, and historical time: An example**

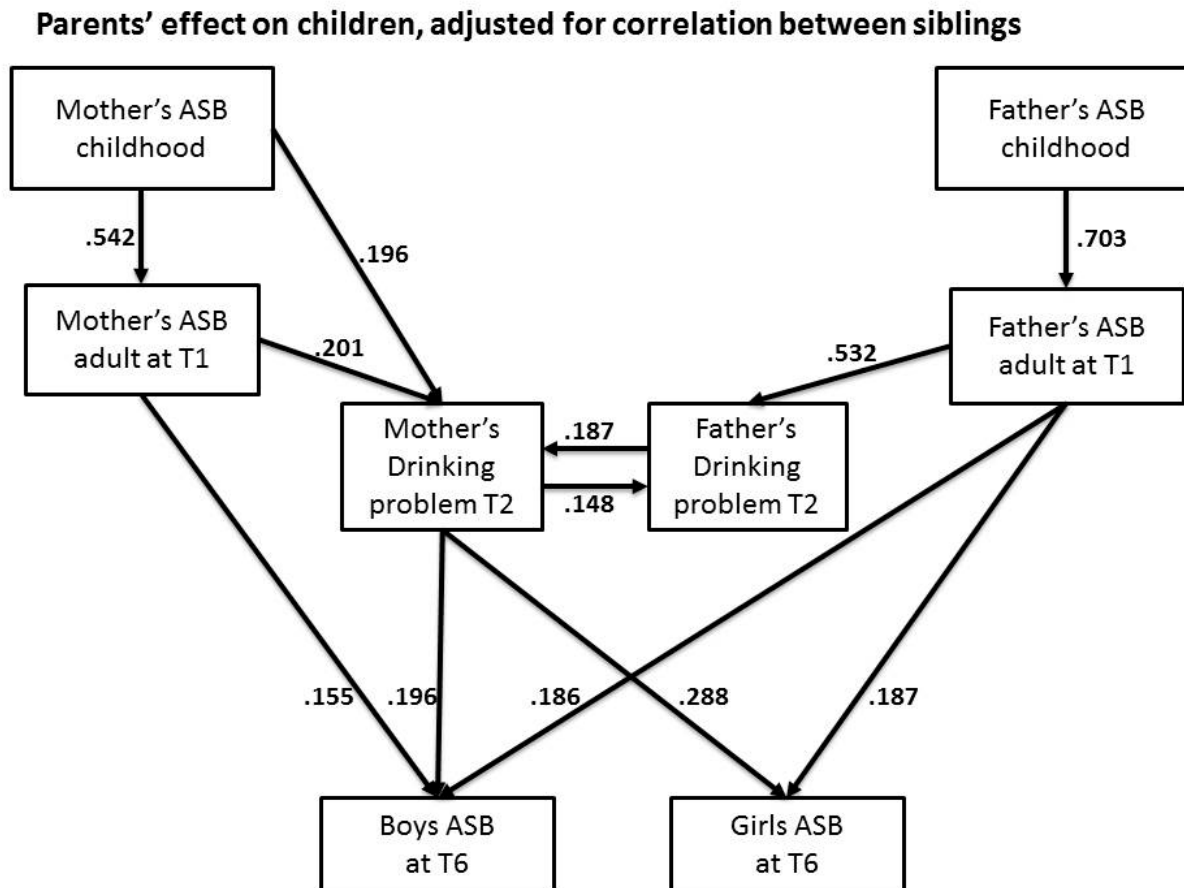


# MLS Timeline

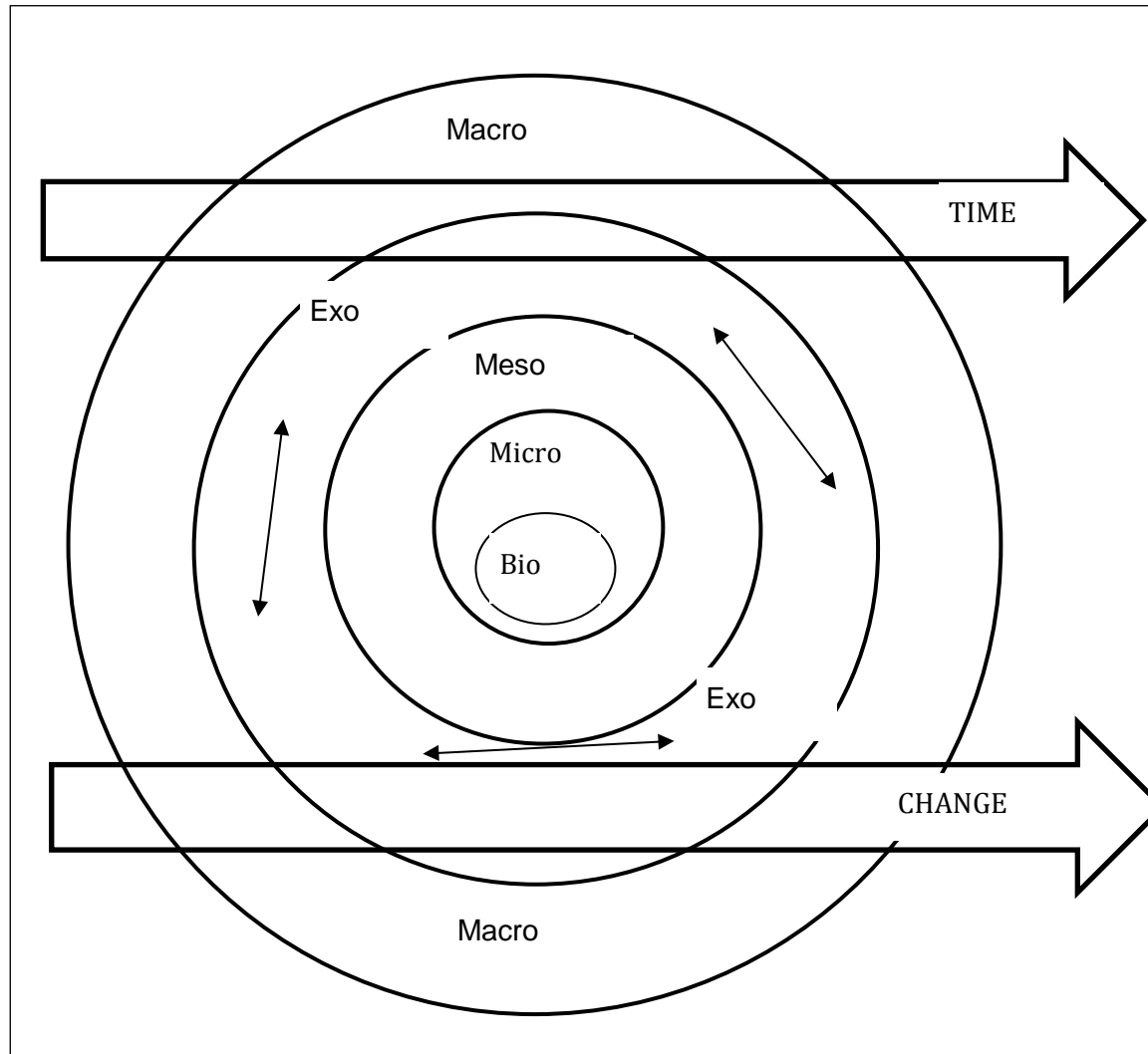


Age of (male) child in family

# Initial model examining effects at T1 & T2 on offspring behavior at T6



# Bioecological Model



# Questions

- Characterization and incorporation of local 'microhistories' into analysis
- Epigenetics from saliva
- Models that incorporate more aspects of the data set for more accurate predictions about risk/ resilience for addiction
- Using qualitative historical data to make meaningful predictions about epigenetic changes and risk for addiction
- Incorporating the social sciences into personalized medicine in a fundamental way.