



Add Health Parent Study

Understanding Intergenerational Linkages

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R01 AG042794-01, *Add Health Parent Study: Phase I*, V. J. Hotz & K. M. Harris, PIs.

What is Add Health Parent Study?

- Intergenerational study about the health and well-being of aging *parents* & their *adult children*.





What is Add Health Parent Study?

- **Add Health Parent Study** is follow-up interview of parents of members of **Add Health Study**.
- 20-year follow-up of mainly ***baby boomer parents*** whose children are now adults in their 30s.
- **Add Health Parent Study** leverages **Add Health Study**:
 - Nationally-representative, prospective cohort study
 - Rich longitudinal social, environmental, biological, genetic data.

Four Main Research Domains

Intergenerational Linkages in:

- ***Health & Health Behaviors***
- ***Cognition, Personality & Preferences***
- ***Family Relationships & Nature of Family Network***

and

- ***Economic Capacities & Time Availability of each Generation***



Add Health Parent Study

Motivating Research Questions & Issues

Health & Health Behaviors

- Many ***health conditions & behaviors*** run in families:
 - ***Cardiovascular disease*** (CVD)
 - ***Obesity***
 - ***Substance abuse***, e.g., alcoholism, smoking, drugs.
- How can we use ***parents' health*** to ***better understand determinants*** of their (adult) ***children's health trajectories***?
- How does these health conditions affect ***economic status*** of ***both generations***?

- **Cognitive ability** (e.g., IQ) **predictive** of range of **outcomes**, include **health, education**, etc.
- Growing evidence that **non-cognitive skills, personality traits & aversion to risk & impatience** also **predictors** of **behaviors**, e.g., personal finances, marriage & divorce, etc.
- Where do these traits **come from**?
- How much do they account for **commonalities & differences** in **health & well-being across the generations**?

- ***Caring for Baby Boomer Generation***
 - ***Family members*** are important source of ***caregiving*** for ***elderly*** who are ***ill & disabled***
 - *Will this **care continue** for those of us in Baby Boomer Generation?*
 - *And, given the incidence of **divorce** among Boomers, will our kids take care of their **step-parents**?*

Intergen. Relationships (cont.)

- ***Social Connectedness & Loneliness***
- Substantial evidence that ***social connectedness*** (or ***loneliness***) is correlated with many ***aspects of health***.
 - How important is the ***connectedness*** (or ***estrangement***) of ***family members*** on ***health?***
 - How do we ***measure*** connectedness &, importantly, the lack of it?

Economics of Families

- Are & can **families help to ameliorate** long term **impacts of Great Recession?**
 - **Could & did** parents help their children **finance** their **first homes** &/or **reduce their student debt?**
 - This depends on **financial situations** of **each generation** & **nature of ties** between them.



Add Health Parent Study

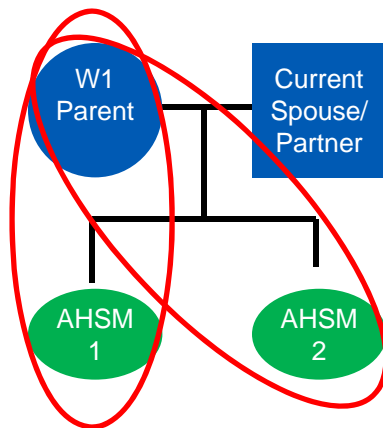
Sample Design & Data Collection

AHPS Sampling Plan

- **Add Health Study** interviewed *a parent* (typically mother) of **Add Health Sample Member** at Wave I.
 - This is **W1 Parent (W1P)**.
- Phase I of **Add Health Parent Study** is:
 - Re-interviewing sample of **W1 Parents** who were either **biological** or **step parent**.
 - Also interview W1 Parent's **Current Spouse/Partner (S/P)**, if one.

AHPS - Add Health W1 “Family Clusters”

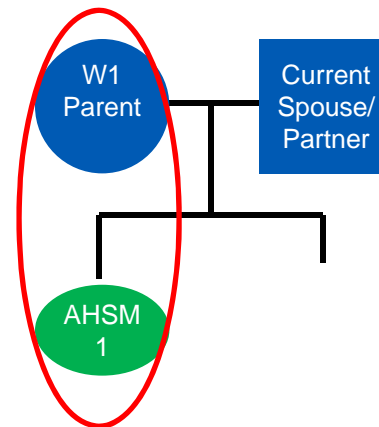
W1 Family Cluster A



2 AHSM – W1 Parent Pairs

2 Parent-Figures
(W1 Parent & Current
Spouse/Partner)

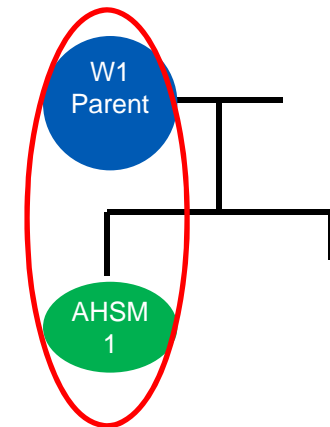
W1 Family Cluster B



1 AHSM – W1 Parent Pair

2 Parent-Figures
(W1 Parent & Current
Spouse/Partner)

W1 Family Cluster C



1 AHSM – W1 Parent Pair

1 Parent-Figure
(W1 Parent))

- Some Family Clusters include both biological parent-figures of AHSMs; Others include bio parent & step-parent.
- AHSMs in multiple-AHSM Family Clusters include twins, non-twin full sibs &/or half-sibs.



AHPS Phase I Sample

Targeted Wave 1 Parents	3,108
Targeted Spouse/Partners: 60% of interviewed W1Ps	1,492
Add Health Sample Members of Targeted W1 Parents	3,416
<i>Race/Ethnicity of AHSMs:</i>	
Hispanic, All Races	407
Black or African American, Non-Hispanic	479
Asian, Non-Hispanic	107
White	2,322
Other	102
<i>Genetic AHSM subsample:</i>	
Twins	55
Full Siblings	472
Half Siblings	78
Unrelated Pairs in Same HH	75

Content of AHPS In-Person Interviews

- **Health and Health Conditions**
 - Physical and mental health, medications inventory (**Add Health**, **HRS**, **NSHAP**)
 - Health insurance, access to care (**HRS**)
 - Health behaviors (**Add Health**, **HRS**, **NSHAP**)
 - Chronic disease, disability, acute health shocks (**Add Health**; **HRS**)
 - Social integration, support, strain and stress (**NSHAP**, **HRS**, **MIDUS**)
- **Personality, Cognitive Processing & Preferences**
 - Big 5 (**Add Health**, Wave IV)
 - Duckworth Grit Index (**New**)
 - Word Recall Tests (**Add Health**, Wave IV)
 - Counting Backwards (**HRS**)
 - Risk & Patience/Time Preferences (**GSOEP**)
- **Relationships btwn generations**
 - Gathering Family Rosters (one up, one down) (**PSID**)
 - Time & Money Transfers (**PSID**)
 - Long Term Transfers & Financial Help (**PSID**)
 - Notions of Safety Net provided & expected (**New**)
 - Parents' Perceptions & Knowledge of (Adult) Child's situations & behaviors (**New**)
- **Economic & time capabilities**
 - Employment (**HRS**)
 - Labor Market Earnings (**HRS**)
 - Retirement: Pensions received & expected (**HRS**)
 - Housing (**HRS**, **PSID**)
 - Assets & Income from Assets (**HRS**)
 - Debt (**HRS**, **PSID**)

Additional Data Collection

- Consents to link ***Administrative Records*** (present, past & future)
 - Medicare & Medicaid
 - Housing valuations & foreclosures of place-of-residence
 - SSA Earnings & Disabilities (possible)
- Collection of ***Family Health Histories*** with leave-behind questionnaire
 - Would give us ***health data*** on ***3-generations*** that is ***uniquely rich*** for 2 of 3.



AHPS Phase I Field Work & Data Release

- Field work began: **September 2015**
- In field continuously 2015-2018
- Data Release: **Late 2018, Early 2019.**



Add Health Parent Study

Progress in & Findings from the Field



In the Field: Progress to Date

W1 Parent + S/P target	4,600	
W1 Parent target	3,108	
Expected W1 Parent Completes ¹	2,486	
Expected S/P completes ²	1,194	
Expected W1P & S/P completes	3,680	
	<u>W1 Parents</u>	<u>S/Ps</u>
% of W1Parents with Spouse/Partner	65.3%	
Completed W1P Interviews To Date (% of Expected Completes)	39.7%	39.4%

Status as of June 13, 2016

¹ Expected W1 Parent Completes = 80% of W1P target.

² Expected Spouse/Partner completions = 80% of W1 Parents with spouse/partners (expected 60%) that have completed interviews.

From the Field: Demographics

	<u>W1 Parents</u>	<u>S/P</u>
No. of Completed Interviews	768	437
% Female	96.7%	4.1%
Age (mean)	62.5	63.9
(min, Max]	[47 - 87]	[45 - 82]
Highest Grade Completed:		
High School	37.6%	35.9%
Some College	31.6%	32.5%
College Grad	15.7%	15.3%
Immigrant (Not born in U.S.)	5.2%	4.6%
AHSM living with W1Parent	12.1%	

Status as of May 23, 2016

From the Field: Anthropometrics & Self-Reported Health

	<u>W1 Parents</u>	<u>S/P</u>
Anthropometrics		
Height (ft)	5.3	5.8
Weight (lbs.)	175.4	206.2
BMI	31.1 ^a	31.4 ^b
Self-Reported Health Status		
Excellent	9.5%	8.9%
Very Good	30.6%	32.7%
Good	32.0%	38.0%
Fair	20.8%	15.6%
Poor	7.0%	4.8%

Status as of May 23, 2016

^aBMI in Obese range for female of age = 62.5

^bBMI in Overweight range for male of age = 63.9



From the Field: Diagnosed Health Conditions

	<u>W1 Parents</u>	<u>S/P</u>
Ever have been diagnosed with:		
Cancer	14.1%	13.5%
High Cholesterol	47.5%	52.4%
High Blood Pressure	49.5%	59.9%
High Blood Sugar/Diabetes	21.3%	24.5%
Heart Attack	14.7%	19.9%
Arthritis/Rheumatism	43.7%	35.3%
Depression	24.0%	10.5%
PTSD	0.1%	3.9%
Alzheimer's/Dementia	1.7%	0.9%

Status as of May 23, 2016



From the Field: Other Health-Related Outcomes

	<u>W1 Parents</u>	<u>S/P</u>
Medications Taken		
zero	15.1%	17.6%
3 or less	54.7%	57.4%
5 or more	36.6%	31.8%
5 or more Drinks per Week	1.6%	5.1%
Current Smoker	15.4%	13.7%
Access to Health Care:		
On Medicare	41.9%	45.8%
No Health Insurance	4.2%	3.4%

Status as of May 23, 2016



From the Field : Work Status & Social Security Receipt

	<u>W1 Parents</u>	<u>S/P</u>
Current Work Status (Ask to give all that apply)		
Work for Pay or Are Self-Employed	47.3%	55.4%
Retired	41.5%	48.0%
Disabled (self-assessment)	11.7%	9.4%
 Received Income from Social Security last Month	 45.0%	 51.5%

Status as of May 23, 2016



From the Field: Consents for Admin Record Links

	<u>W1 Parents</u>	<u>S/P</u>
Medicare/Medicaid Records	79.7%	81.0%
Current & past homes from commerical data sources (CoreLogic)	91.7%	89.2%

Status as of May 23, 2016

- **AHPS** consent rates so far are as high as in HRS (with multiple waves)!



From the Field: Family Health Histories

	<u>W1 Parents</u>	<u>S/P</u>
# of Histories Received	524	247
# of completed interviews	943	439
Histories as % of completed interviews	55.6%	56.3%

Status as of May 23, 2016

- Above is ***conservative*** estimate of share of interviews providing family health histories.

Following the AHPS

- Google “**Add Health Parent Study**” for updates on the Study’s progress

- Email

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with questions, comments,
suggestions.

