

# Wave IV Add Health Workshop

March 1, 2010

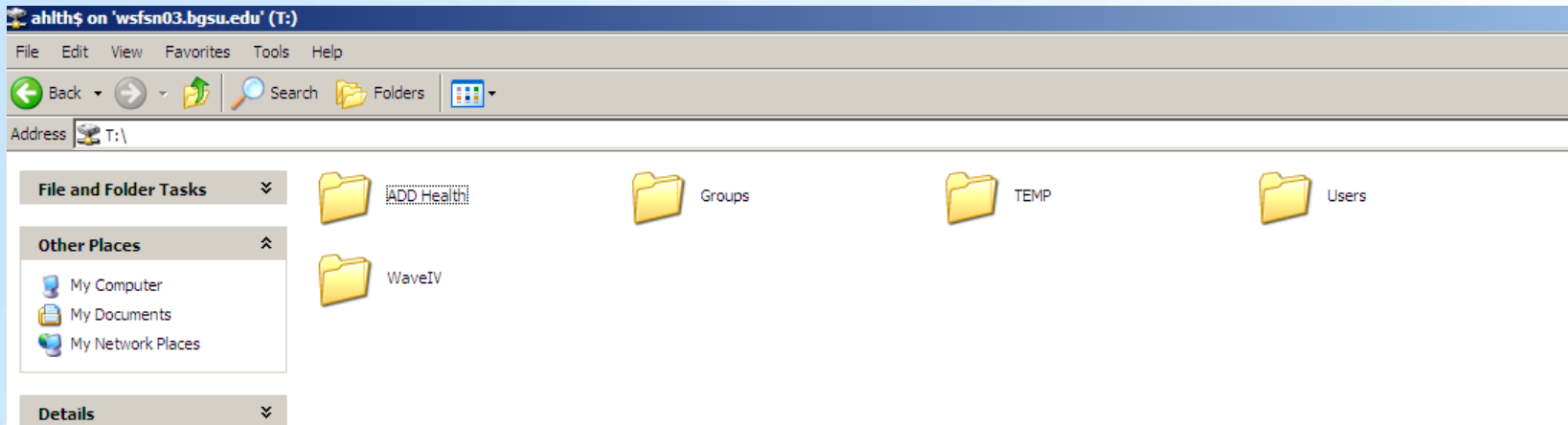
# Add Health Conference

- July 22-23 in Bethesda, Maryland
- <http://www.cpc.unc.edu/projects/addhealth/news/call-for-papers-issued-for-the-2010-add-health-users-conference>
- **Deadline: March 15, 2010**
  - Abstracts

# Wave IV

- 2007-2008
- Age 24-32
- 92.% locate rate
- 80.3% retention rate
- N=15,701
  - Less-sensitive questions were administered with the assistance of an interviewer.
  - More sensitive questions were self-administered using CASI technology (computer-assisted self interview).

# Where is Wave IV?

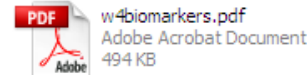
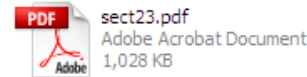
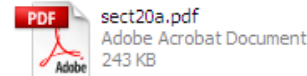
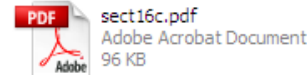
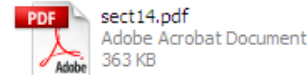
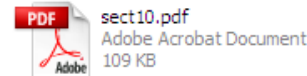
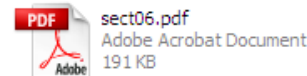
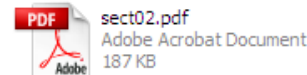
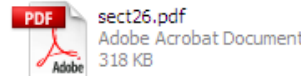
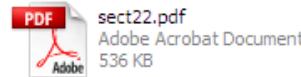
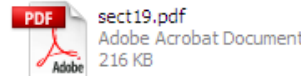
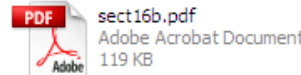
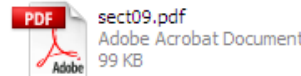
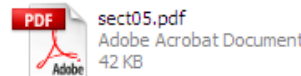
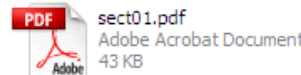
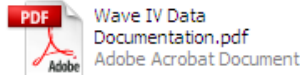
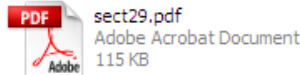
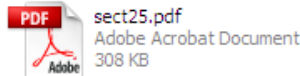
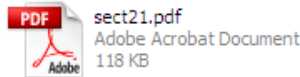
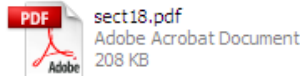
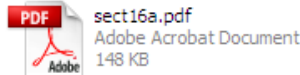
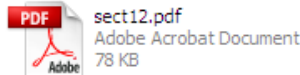
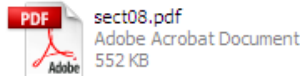
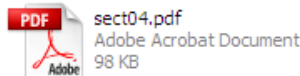
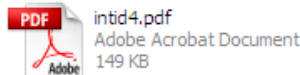
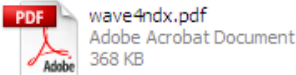
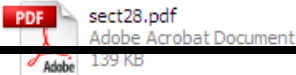
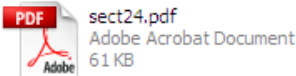
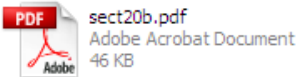
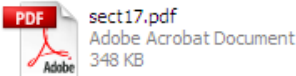
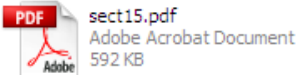
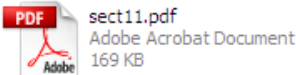
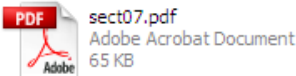
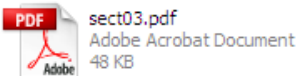
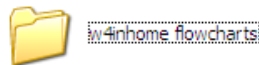


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# Index

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Question	Variable Name
<b>Section 1: Overview and Demographics</b>	
1. Respondent's date of birth – month .....	H4OD1M
1. Respondent's date of birth – year .....	H4OD1Y
2. Which of the following languages do you speak or write? SELECT ALL THAT APPLY.	
English .....	H4OD2A
Spanish .....	H4OD2B
Chinese .....	H4OD2C
an other European language .....	H4OD2D
an other Asian language .....	H4OD2E
an other language .....	H4OD2F
3. What language do you use most with your family and close relatives? .....	H4OD3
4. Were you born a US citizen? .....	H4OD4
5. Have you become a US citizen? .....	H4OD5
6. In what month [and year] did you become a citizen? .....	H4OD6M
6. In what [month and] year did you become a citizen? .....	H4OD6Y
7. Are you trying to become a US citizen? .....	H4OD7
<b>Section 2: Parental Support and Relationships</b>	
1. Is your biological mother still alive? .....	H4WP1
2. In what month [and year] did your biological mother die? .....	H4WP2M
2. In what [month] and year did your biological mother die? .....	H4WP2Y
3. (Has/did) your biological mother ever (spent/spend) time in jail or prison? .....	H4WP3
4. How many times (has/did) your biological mother (spent/spend) time in jail or prison? .....	H4WP4
5. How old were you when your biological mother went to jail or prison (the first time)? .....	H4WP5
6. How old were you when your biological mother was released from jail or prison (most recently)? .....	H4WP6
7. Is your biological father still alive? .....	H4WP7
8. In what month [and year] did you biological father die? .....	H4WP8M



# What is new?

- Expanded Biological Data
  - Obesity
    - BMI
    - Fast food
    - Sugar and Caffeinated beverages
    - Exercise
      - *In the past 24 hours, have you participated in vigorous physical activity long enough to work up a sweat, get your heart thumping, or get out of breath?*
      - *On the average, how many times per week do you use a physical fitness or recreation center in your neighborhood?*

# What's New?

- Bio-specimen Variables
  - Two types of blood pressure
  - Pulse
  - Waist Measurement
- Sleep Patterns



# The Big 5 Personality Dimensions

- Openness to Experience
- Conscientiousness
- Extroversion
- Agreeableness
- Neuroticism



# What's New

- SES Measures
  - Income
  - Owe on mortgage
  - Other debts
  - Wealth
  - Food insecurity
    - *In the past 12 months, was there a time when you were (your household) was worried whether food would run out before you would get money to buy more?*

# What's New?

- Constructed Variables
  - Perceived Stress Scale
  - Depression Scale
  - Personality Scales
  - Arrested Ever
  - Adolescent and Adult Sexual Activity
  - Dependency/Abuse Scales
  - Physical Activity Scale
  - Ever Married

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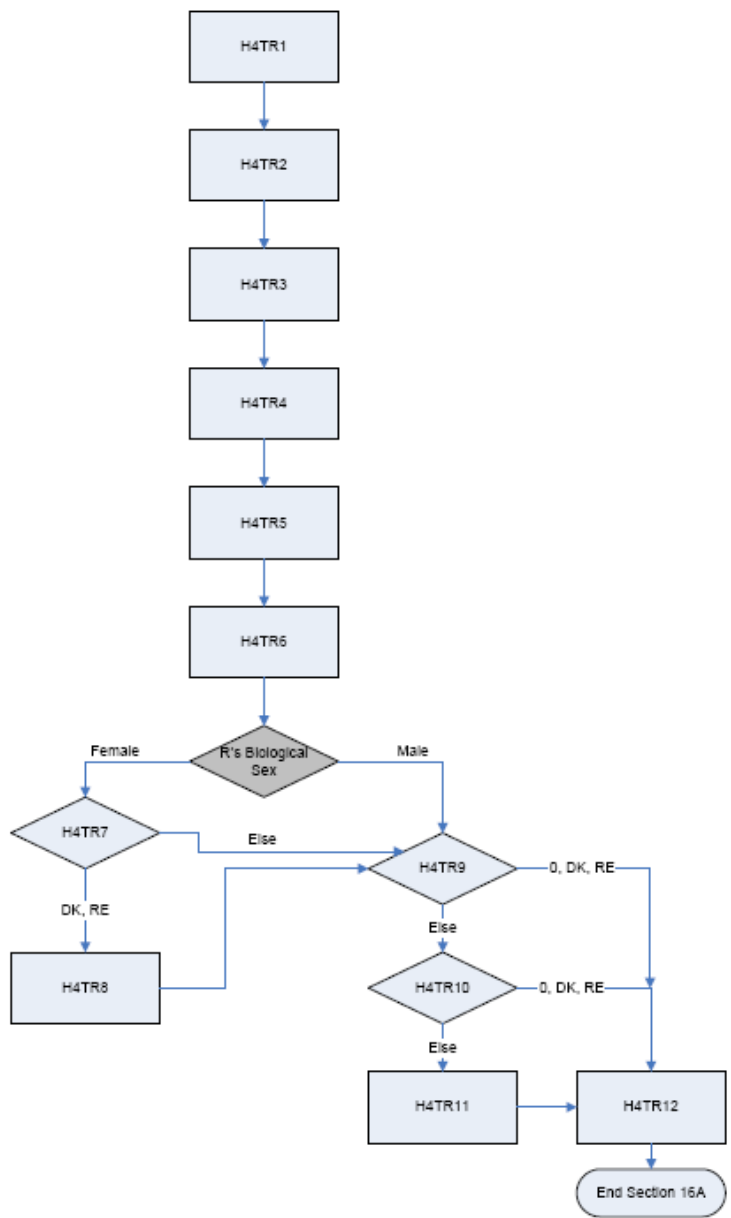
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Section 16: Relationships – Part A



# Romantic Relationships

- About 50% have been married
  - *How many romantic or sexual partners have you ever lived with for one month or more? By ‘lived with’ we mean that neither of you kept a separate residence while you were living together.*

# Pregnancy Questions

- How many persons have you had a pregnancy with?
- How many times pregnant?
  - About 60% have been pregnant
- How many live births?
  - 51%
- Pregnancy Table Section
- N=21,966
  - Live births/children and parenting (added attitudes about parenting/trouble having children/Health of the child)



# Relationships Roster

- How many persons have you:
  - Major Relationships
    - Married
    - Cohab
    - Relationship Resulting in a Pregnancy
    - Current sexual/romantic relationship
  - Minor Relationship
    - Sexual/romantic relationship lasted 6 or more months since 2001
    - Sexual/romantic relationship lasted 6 or fewer months since 2001
- N= 30,263 relationships



# Abbreviated Information

- Current Status of relationship
- Time married/did you cohabit
- Age of partner
- Race/ethnicity of partner
- Duration of relationship
- How did the marriage end

# Relationship Detail

- Only for ONE current or most recent partner.
- Age at start of relationship
- Duration
- Type of relationship (engaged; dating exclusively, dating frequently, but not exclusively, dating once in a while, only have sex)

# Relationship Detail

- For Cohabitation

- Do either of you have a residence other than the one you share?
- In an average week, how often do you spend the entire night together?

- Added relationship quality type questions.

- Ex. We enjoy doing even ordinary, day-to-day things together.

- Intimate Partner Violence questions

- About 20% have experienced violence or the threat of violence with current/recent partner.

# Sexual Partners

- How many partners
- How many male/female partners
- Contraception during the past year
- Number of partners had sex only once
- STI's

# Contextual Data

- We have new wave I and wave III contextual data:
  - Climate/Weather
  - Road Connectivity
  - Landscape
  - Parks/Resources
- Wave IV contextual file not released yet.

# Sexual Minorities

- Behavior Questions

- The sex of the relationship partners
- The sex of the sexual partners

- *Considering all types of sexual activity, with how many female/male partners have you had sex in the past 12 months?*

- Identity Questions

- *Are you romantically attracted to males/females?*
- *Please choose the description that best fits how you think about yourself*

# Peers

- *With whom do you live with?*
- *(In the past 12 months, how often did you):  
take part in a physical fight where a group of  
your friends was against another group?*
- *How many close friends do you have?*
- *What race are your close friends?*



# Relationship with Parents

- Are your bio parents still alive?
- When did they die?
- Were they incarcerated?
- When was the first time incarcerated?
- When was the last time did they get out?

# Relationship with Parents

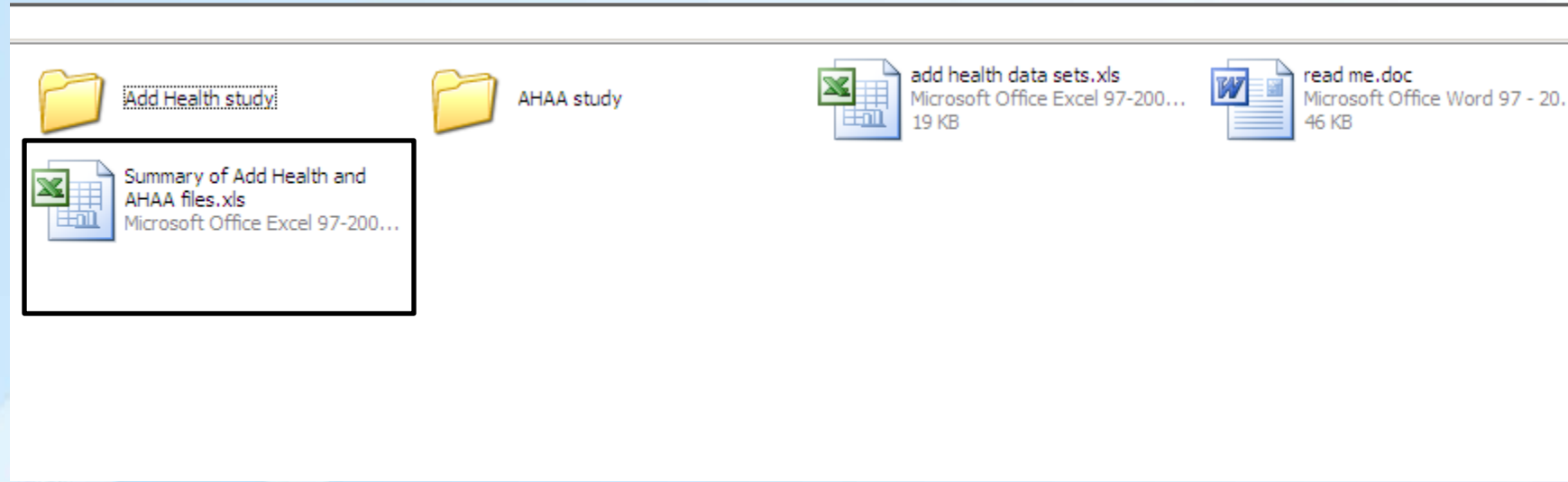
- Financial help
  - *In the past 12 months, have any relatives, including your parents or in-laws, helped you out by paying some of your educational expenses, such as tuition or books?*
  - *Have {you (or your spouse/partner)} ever received any financial gifts or loans from your parents, in-laws, or relatives to help you buy, remodel, build or furnish a home or condominium?*

# Delinquency

- Gang question is NOT asked.
- Does NOT ask about hand gun ownership
- Still ask questions about criminal offending and victimization.
  - *In the past 12 months, how often did you: steal something worth more than \$50?*
  - *Which of the following things happened in the past 12 months: someone shot or stabbed you?*

# Substance Use

- More questions about trying to quit alcohol use
- More question about frequency of marijuana use
- Asks similar questions about a most used drug.





**ADD Health**

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*In Home Questionnaire Code Book III, S.26*

Frequency	Code	Response	Variable Name	Type/Length
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*Section 26: Delinquency and Violence*

The next questions are about things you may have done in the past 12 months.

Frequency	Code	Response	Variable Name	Type/Length
		1. In the past 12 months, how often did you deliberately damage property that didn't belong to you?	<b>H3DS1</b>	num 1
13712	0	never		
1108	1	1 or 2 times		
133	2	3 or 4 times		
71	3	5 or more times		
89	6	refused		
26	8	don't know		





**CFDR SAS data**

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wave3.sas7bdat SAS Data Set 243,393 KB			

- These weights are for regression analysis, but not for event history analysis.
- In these data sets, weighting variables have been renamed.
  - The school ID variable (i.e., psuscid) at Wave I, II, and III was renamed to "psuscid1", "psuscid2", "psuscid3", respectively.
  - Similarly, the strata variable (region) was renamed to "region1", "region2", and "region3" for Waves I, II, and III, respectively.

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## ADD HEALTH WORKING GROUP

The Add Health working group provides CFDR faculty affiliates and graduate students the opportunity to meet other users of National Longitudinal Study of Adolescent Health (Add Health), share information on these data, present preliminary ideas or analyses, and collaborate on projects. (You can find out more about Add Health using this link: <http://www.cpc.unc.edu/projects/addhealth>.) Please contact **Kara Joyner** if you are interested in joining this working group.

## Spring 2010

## February 12, 2010

12:00-1:00 in CFDR/NCFMR Conference Room

Hsueh-Sheng Wu

"Analyses of Union Formation in Young Adulthood"

[Survival Analysis Handout](#)

[Survival Analysis PowerPoint](#)

## March 1, 2010

12:00-1:00 in CFDR/NCFMR Conference Room

Heidi Lyons

"Add Health Wave Four"

## Fall 2009

## September 11, 2009

2:00-3:00 in CFDR/NCFMR Conference Room

Andrew Wilczak and Danielle C. Kuhl

"Youth Violence and Transitions to Marriage in Young Adulthood"

## October 23, 2009

2:00-3:00 in CFDR/NCFMR Conference Room

Heidi Lyons

"Adult Identity in Emerging Adulthood: The Importance of Educational Status"

## December 11, 2009

2:15-3:15 in CFDR/NCFMR Conference Room

Krista Payne and Kristy Krivickas

"The Effect of Family Structure and Parental Need on Co-residing Young Adults' Household"

**THANK YOU**