

**Attachment 5: NCS Vanguard Study Instruments by Data Collection Activity,  
Study Visits through 60 Months  
(As of May 15, 2014)**

**Note:** New instruments and/or collections are **bolded** and instruments not yet reviewed by OMB are in *italics*; instruments may be both **bolded** and *italicized*.

<b>Data Collection Activity</b>	<b>Type of Respondent</b>	<b>Instruments</b>
<b>Pregnancy Screening Activities</b>		
<b>Pregnancy Screener Sibling Birth Cohort SAQ</b> <i>(9M to 60M)</i>	Biological Mother	<b><i>Pregnancy Screener Sibling Birth Cohort SAQ</i></b>
<b>Retrospective Pregnancy Interview</b> <i>(Birth, 3M, 6M)</i>	Biological Mother	<b><i>Retrospective Pregnancy Birth Cohort Questionnaire Adult</i></b> <b><i>Retrospective Pregnancy Birth Cohort Quex Household</i></b> <b><i>Retrospective Pregnancy Birth Cohort SAQ</i></b>
<b>Continuous Activities</b>		
Participant Verification & Tracing (PVT) Interview <i>(PV1 to 60M)</i>	Pregnant Woman, Father/Father Figure, Biological Mother, Primary Caregiver, Secondary Residence Caregiver	<b>Participant Verification &amp; Tracing Questionnaire</b> <b>PVT Contact Verification Form</b> <b>PVT Key Data Verification Form</b>
Validation Interview <i>(Pre-Pregnancy to 60M)</i>	Pregnant Woman, Father/Father Figure, Biological Mother, Primary Caregiver, Secondary Residence Caregiver	Validation Questionnaire
<b>Participant Information Update - Incentive Substudy</b> <i>(24M to 60M)</i>	Primary Caregiver	<b><i>Participant Information Update Monetary Incentive Now SAQ</i></b> <b><i>Participant Information Update Monetary Incentive Later SAQ</i></b> <b><i>Participant Information Update Gift Incentive Now SAQ</i></b> <b><i>Participant Information Update Gift Incentive Later SAQ</i></b>
<b>Interviewer Observation Interview</b> <i>(Pre-Preg to 60M)</i>	Data Collector*	<b>Interviewer Observation Instrument Child</b> <b>Interviewer Observation Instrument Adult</b> <b>Interviewer Observation Instrument Household</b>
<b>Event Driven Activities</b>		
Pregnancy Loss, Stillbirth, & Neonatal Death Interview <i>(PV1, PV2, Birth)</i>	Pregnant Woman, Biological Mother	<b><i>Pregnancy Loss, Stillbirth, &amp; Neonatal Death Questionnaire</i></b> <b><i>PLSND SAQ &amp; Release Form Letter</i></b> <b><i>PLSND Phone Medical Records &amp; Death Certificate Release Form Letter</i></b> <b><i>PLSND Phone Medical Records Release Form Letter</i></b> <b><i>PLSND Mail &amp; Phone Reminder Call Script*</i></b>
<b>Parent-Caregiver Death Interview</b> <i>(3M to 60M)</i>	Proxy	<b>Parent-Caregiver Death Questionnaire</b>
<b>Child Death Interview</b> <i>(3M to 60M)</i>	Primary Caregiver	<b>Child Death Questionnaire</b>
Non-Interview Respondent Interview <i>(Pre-Pregnancy to 60M)</i>	Pre-Pregnant Woman, Pregnant Woman, Father/Father Figure, Biological Mother, Primary Caregiver	Non-Interview Respondent SAQ
<b>Secondary Residence Interview</b> <i>(3M to 60M)</i>	Secondary Residence Caregiver	<b>Secondary Residence Questionnaire</b>
<b>Preconception Activities</b>		

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Data Collection Activity	Type of Respondent	Instruments
Pre-Pregnancy Interview	Pre-Pregnant Woman	<i>Pre-Pregnancy Questionnaire Adult</i> <i>Pre-Pregnancy Questionnaire Household</i> <i>Pre-Pregnancy SAQ</i>
Adult-Focused Biospecimen Collection - Blood & Urine	Pre-Pregnant Woman	<i>Adult Blood Instrument</i> <b>Adult Blood Prescreening Questionnaire</b> <i>Adult Urine Instrument &amp; Instructions</i>
Pregnancy Probability Group Follow-up	Pre-Pregnant Woman	<i>Pregnancy Probability Group Follow-up Questionnaire</i>
<b>Pre-Natal Activities</b>		
Pregnancy Visit 1 Interview	Pregnant Woman	<i>Pregnancy Visit 1 Questionnaire Adult</i> <i>Pregnancy Visit 1 Questionnaire Household</i> <i>Pregnancy Visit 1 SAQ</i> <b>NIH Toolbox Emotion Battery</b>
Pregnancy Visit 2 Interview	Pregnant Woman	<i>Pregnancy Visit 2 Questionnaire Adult</i> <i>Pregnancy Visit 2 Questionnaire Household</i> <i>Pregnancy Visit 2 SAQ</i>
Adult-Focused Biospecimen Collection - Blood & Urine (PV1, PV2)	Pregnant Woman	<i>Adult Blood Instrument</i> <b>Adult Blood Prescreening Questionnaire</b> <i>Adult Urine Instrument &amp; Instructions</i>
Environmental Sample Collection - Vacuum Bag Dust (PV1)	Primary Caregiver	<i>Vacuum Bag Dust Instrument</i>
Father Pre-Natal Interview (PV1 or PV2)	Father/Father Figure	<i>Father Pre-Natal Questionnaire Adult</i> <i>Father Pre-Natal Questionnaire Household</i>
Pregnancy Health Care Log (PV1 or PV2)	Biological Mother	<i>Pregnancy Health Care Log</i>
<b>Birth Activities</b>		
Birth Interview	Biological Mother	<i>Birth Questionnaire Child</i> <i>Birth Questionnaire Adult</i> <i>Birth Questionnaire Household</i>
Adult-Focused Biospecimen Collection - Blood, Urine, Cord Blood, Breast Milk, Placenta, & <b>Microbiome Swab</b>	Biological Mother	<i>Adult Blood Instrument</i> <b>Adult Blood Prescreening Questionnaire</b> <i>Adult Urine Instrument &amp; Instructions</i> <i>Cord Blood Instrument*</i> <i>Breast Milk SAQ, Instructions, &amp; Letter</i> <b>Breast Milk Kit Distribution &amp; Pick Up Instrument</b> <i>Placenta Instrument*</i> <b>Adult Microbiome Swab Instrument &amp; Instructions</b> <b>Adult Biospecimen Pick Up Instrument*</b>
Child-Focused Biospecimen Collection - Infant Blood Spot	Child	<i>Infant Blood Spot Instrument</i> <b>Child Biospecimen Pick Up Instrument*</b>
<b>Post-Natal Activities</b>		
Infant & Child Health Care Log (Birth to 60M)	Primary Caregiver	Infant & Child Health Care Log
3-Month Interview	Primary Caregiver	<i>3-Month Questionnaire Child</i> <i>3-Month Questionnaire Adult</i> <i>3-Month Questionnaire Household</i> <i>3-Month Questionnaire Biological Mother</i> <b>Ages &amp; Stages (ASQ-3™) SAQ (2-Month or 4-Month) &amp; Phone Instructions</b>

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Data Collection Activity	Type of Respondent	Instruments
Adult-Focused Biospecimen Collection - Breast Milk, Blood, Urine, <b>Saliva, &amp; Microbiome Swab</b> (3M, 6M, 12M, 24M, 36M, 48M, 60M)		<b><i>Infant Behavior Questionnaire-Revised (IBQ-R) SAQ &amp; Instructions</i></b>
	Biological Mother	<b><i>Edinburgh Postnatal Depression Scale SAQ &amp; Instructions</i></b>
6-Month Interview	Primary Caregiver	<i>Breast Milk SAQ, Instructions, &amp; Letter</i> <b><i>Breast Milk Kit Distribution &amp; Pick Up Instrument</i></b> <i>Adult Blood Instrument</i> <b><i>Adult Blood Prescreening Questionnaire</i></b> <i>Adult Urine Instrument &amp; Instructions</i> <b><i>Adult Saliva Instrument</i></b> <b><i>Adult Microbiome Swab Instrument &amp; Instructions</i></b>
Core Questionnaire - Child, Adult, & Household (6M to 60M, except 9M)	Primary Caregiver	<i>6-Month Questionnaire Child</i> <i>6-Month Questionnaire Adult</i> <i>6-Month Questionnaire Household</i> <i>6-Month Infant Feeding SAQ</i> <b><i>ASQ-3™ SAQ (6-Month or 8-Month), In Person &amp; Mail Instructions</i></b> <b><i>Participant Satisfaction SAQ</i></b>
Child-Focused Biospecimen Collection - Urine, Blood, Saliva, <b>Microbiome Swab, &amp; Teeth</b> (6M, 12M, 24M, 36M, 48M, 60M)	Primary Caregiver	<i>Child Urine Instrument, Instructions, &amp; Urine Bag Instructions</i> <i>Child Blood Instrument</i> <b><i>Child Blood Prescreening Questionnaire</i></b> <i>Child Saliva Instrument</i> <b><i>Child Microbiome Swab Instrument</i></b> <b><i>Child Microbiome Stool SAQ &amp; Collection Instructions</i></b> <b><i>Child Teeth Instrument, SAQ, &amp; Collection Instructions</i></b>
9-Month Interview	Primary Caregiver	<i>9-Month Questionnaire Child</i>
<b>Father Post-Natal Interview</b> (9M or 18M)	Father/Father Figure	<b><i>Father Post-Natal Questionnaire Child</i></b> <b><i>Father Post-Natal Questionnaire Adult</i></b> <b><i>Father Post-Natal Questionnaire Household</i></b>
12-Month Interview	Primary Caregiver	<i>12-Month Questionnaire Child</i> <i>12-Month Questionnaire Adult</i> <i>12-Month Questionnaire Household</i> <i>12-Month SAQ Child</i> <i>12-Month SAQ Adult</i> <b><i>ASQ-3™ SAQ (12-Month or 14-Month or 16-Month), In Person &amp; Mail Instructions</i></b> <i>Brief Infant Toddler Social Emotional Assessment (BITSEA™) SAQ, In Person, Mail, &amp; Phone Instructions</i>
Child-Focused Physical Measures - Anthropometry, Blood Pressure, <b>Vision Screening, Lung Function, &amp; Motor Skills</b> (6M, 12M, 24M, 36M, 48M, 60M)	Child	<b><i>NIH Toolbox Visual Acuity Test</i></b>
	Primary Caregiver	<i>Child Anthropometry Instrument</i> <i>Child Blood Pressure Instrument</i> <b><i>Lung Function Instrument</i></b> <b><i>NIH Toolbox Early Childhood Motor Battery</i></b>
Environmental Sample Collection - Vacuum	Primary Caregiver	<i>Vacuum Bag Dust Instrument</i>

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Data Collection Activity	Type of Respondent	Instruments
<b>Bag Dust, Indoor and Outdoor Visual Observations, &amp; Dust Wipes</b> <i>(12M, 36M, 48M, 60M)</i>		<b>Indoor Dwelling Unit Visual Observations</b> <b>Outdoor Structural Visual Observations*</b>  <b>Dust Wipes - Organic &amp; Inorganic</b>
18-Month Interview	Primary Caregiver	<i>18-Month Questionnaire Child</i> <i>18-Month Questionnaire Adult</i> <b>NIH Toolbox Emotion Battery</b> <i>Modified Checklist for Autism in Toddlers (M-CHAT) SAQ, In Person, &amp; Mail Instructions</i> <b>Personal Assessment of Intimacy in Relationships (PAIR) Questionnaire</b> <b>PAIR SAQ Instructions</b>
24-Month Interview	Primary Caregiver	<i>24-Month Questionnaire Child</i> <i>24-Month Questionnaire Adult</i> <i>24-Month Questionnaire Household</i> <i>ASQ-3™ SAQ (24-Month or 27-Month or 30-Month), In Person &amp; Mail Instructions</i> <i>M-CHAT SAQ, In Person, &amp; Mail Instructions</i>
30-Month Interview	Primary Caregiver	30-Month Questionnaire Child 30-Month Questionnaire Adult BITSEA™ SAQ, In Person, Mail, & Phone Instructions Brief Symptom Inventory (BSI®) SAQ & Mail Instructions Infant/Toddler Sensory Profile™ SAQ, Mail, & Phone Instructions
36-Month Interview	Primary Caregiver	<b>36-Month Questionnaire Child</b> <b>36-Month Questionnaire Adult</b> <b>36-Month Questionnaire Household</b> <b>36-Month Questionnaire Child Care Facility</b> <b>ASQ-3™ SAQ (36-Month or 42-Month) &amp; In Person, Mail Instructions</b> <b>SWAN Rating Scale for ADHD SAQ &amp; Instructions</b> <b>Major Life Events SAQ &amp; Instructions</b> <b>Woman Abuse Screening Tool (WAST) SAQ</b> <b>Alcohol, Tobacco, Substance Abuse SAQ</b>
	Child	<b>NIH Toolbox Early Childhood Cognition Battery</b> <b>Home Social Direct Observation Instrument*</b>
	Primary Caregiver	<b>NIH Toolbox Emotion Battery</b> <b>Dietary Food Frequency SAQ</b> <b>Participant Satisfaction SAQ</b>
42-Month Interview	Biological Mother, Biological Father	<b>Chronic Medical History SAQ</b> <b>Family Medical History SAQ &amp; Supplemental SAQ</b>

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Data Collection Activity	Type of Respondent	Instruments
<b>48-Month Interview</b>	Primary Caregiver	<b>48-Month Questionnaire Child</b> <b>48-Month Questionnaire Adult</b> <b>48-Month Questionnaire Household</b> <b>48-Month Questionnaire Child Care Facility</b> <b>NIH Toolbox Cognition Battery</b> <b>ASQ-3™ SAQ (48-Month or 54-Month), In Person &amp; Mail Instructions</b> <b>NIH Toolbox Parent Proxy Emotion Battery</b> <b>Participant Engagement &amp; Motivation SAQ</b>
<b>54-Month Interview</b>	Primary Caregiver	<b>54-Month Questionnaire Child</b> <b>54-Month Questionnaire Adult</b> <b>Dietary Food Frequency SAQ</b>
<b>60-Month Interview</b>	Primary Caregiver	<b>60-Month Questionnaire Child</b> <b>60-Month Questionnaire Adult</b> <b>60-Month Questionnaire Household</b> <b>60-Month Questionnaire Child Care Facility</b>  <b>ASQ-3™ SAQ 60-Month, In Person &amp; Mail Instructions</b>  <b>SWAN Rating Scale for ADHD SAQ &amp; Instructions</b> <b>Major Life Events SAQ &amp; Instructions</b>
<b>Subsample Studies</b>	Child	<b>NIH Toolbox Early Childhood Cognition Battery</b>
<b>Noise</b> (36M, 60M)	Primary Caregiver	<b>Noise Measurement SAQ, Set Up, &amp; Pick Up Instrument</b> <b>Environmental Noise Monitor &amp; Shipping Instructions</b>
<b>Bioelectrical Impedance Analysis (BIA)</b> (48M, 60M)	Primary Caregiver	<b>BIA Instrument</b>
<b>Physical Activity (Accelerometer)</b> (36M, 48M, 60M)	Primary Caregiver	<b>Physical Activity Monitor SAQ, Log, Set Up, &amp; Pick Up Instrument</b> <b>Environmental Physical Activity Monitor, Shipping, &amp; GPS Instructions</b>

### **Consents**

*Pregnant Woman*

*Adult*

*Father & Parental Partner*

*Parental Permission for Child's Participation – Birth to 6 Months of Age*

*Parental Permission for Child's Participation – 6 Month Visit to Age of Majority*

*Multi-Mode Visit Information Script*

*Sample Collection Visit Information Sheet Scripts*

*Reconsideration Instrument Child & Adult*

*HIPAA Authorization for Use and Disclosure of Health Information*

*HIPAA Authorization to Obtain Bodily Fluids and Tissues*

*Authorization Form for Release of Child Death Certificate*

***Authorization Form for Release of Parent/Guardian Death Certificate***

\* Data Collector only, no participant burden.

***Authorization for Release of Health-Related Birth Certificate***

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