**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*. |
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| **Data Collection Activity** | **Type of Respondent** | **Instruments**  |
| **Pregnancy Screening Activities** |  |  |
| **Pregnancy Screener Sibling Birth Cohort SAQ** *(9M to 60M)* | Biological Mother | ***Pregnancy Screener Sibling Birth Cohort SAQ*** |
| **Retrospective Pregnancy Interview** *(Birth, 3M, 6M)* | Biological Mother | ***Retrospective Pregnancy Birth Cohort Questionnaire Adult Retrospective Pregnancy Birth Cohort Quex Household Retrospective Pregnancy Birth Cohort SAQ***  |
| **Continuous Activities** |
| Participant Verification & Tracing (PVT) Interview *(PV1 to 60M)* | Pregnant Woman, Father/Father Figure, Biological Mother, Primary Caregiver, Secondary Residence Caregiver | **Participant Verification & Tracing Questionnaire PVT Contact Verification Form PVT Key Data Verification Form** |
| Validation Interview *(Pre-Pregnancy to 60M)* | Pregnant Woman, Father/Father Figure, Biological Mother, Primary Caregiver, Secondary Residence Caregiver | Validation Questionnaire |
| **Participant Information Update - Incentive Substudy** *(24M to 60M)* | Primary Caregiver | ***Participant Information Update Monetary Incentive Now SAQ******Participant Information Update Monetary Incentive Later SAQ*** ***Participant Information Update Gift Incentive Now SAQ******Participant Information Update Gift Incentive Later SAQ*** |
| **Interviewer Observation Interview**  (*Pre-Preg to 60M)* | Data Collector\* | **Interviewer Observation Instrument Child Interviewer Observation Instrument Adult Interviewer Observation Instrument Household** |
| **Event Driven Activities** |  |  |
| Pregnancy Loss, Stillbirth, & Neonatal Death Interview *(PV1, PV2, Birth)* | Pregnant Woman, Biological Mother | ***Pregnancy Loss, Stillbirth, & Neonatal Death Questionnaire*** *PLSND SAQ & Release Form Letter* *PLSND Phone Medical Records & Death Certificate Release Form Letter PLSND Phone Medical Records Release Form Letter PLSND Mail & Phone Reminder Call Script\**   |
| **Parent-Caregiver Death Interview** *(3M to 60M)* | Proxy | **Parent-Caregiver Death Questionnaire** |
| **Child Death Interview** *(3M to 60M)* | Primary Caregiver | **Child Death Questionnaire** |
| Non-Interview Respondent Interview *(Pre-Pregnancy to 60M)* | Pre-Pregnant Woman, Pregnant Woman, Father/Father Figure, Biological Mother, Primary Caregiver | Non-Interview Respondent SAQ |
| **Secondary Residence Interview** *(3M to 60M)* | Secondary Residence Caregiver | **Secondary Residence Questionnaire** |
| **Preconception Activities** |   |   |
| Pre-Pregnancy Interview | Pre-Pregnant Woman | *Pre-Pregnancy Questionnaire Adult**Pre-Pregnancy Questionnaire Household Pre-Pregnancy SAQ* |
| Adult-Focused Biospecimen Collection - Blood & Urine | Pre-Pregnant Woman | *Adult Blood Instrument* ***Adult Blood Prescreening Questionnaire*** *Adult Urine Instrument & Instructions*  |
| Pregnancy Probability Group Follow-up  | Pre-Pregnant Woman | *Pregnancy Probability Group Follow-up Questionnaire*  |
| **Pre-Natal Activities** |   |   |
| Pregnancy Visit 1 Interview | Pregnant Woman | *Pregnancy Visit 1 Questionnaire Adult* *Pregnancy Visit 1 Questionnaire Household Pregnancy Visit 1 SAQ* ***NIH Toolbox Emotion Battery*** |
| Pregnancy Visit 2 Interview | Pregnant Woman | *Pregnancy Visit 2 Questionnaire Adult**Pregnancy Visit 2 Questionnaire Household Pregnancy Visit 2 SAQ*  |
| Adult-Focused Biospecimen Collection - Blood & Urine *(PV1, PV2)* | Pregnant Woman | *Adult Blood Instrument****Adult Blood Prescreening Questionnaire*** *Adult Urine Instrument & Instructions* |
| Environmental Sample Collection - Vacuum Bag Dust *(PV1)* | Primary Caregiver | *Vacuum Bag Dust Instrument*  |
| Father Pre-Natal Interview *(PV1 or PV2)*  | Father/Father Figure | *Father Pre-Natal Questionnaire Adult**Father Pre-Natal Questionnaire Household* |
| Pregnancy Health Care Log *(PV1 or PV2)*  | Biological Mother | *Pregnancy Health Care Log* |
| **Birth Activities** |
| Birth Interview | Biological Mother | *Birth Questionnaire Child* *Birth Questionnaire Adult**Birth Questionnaire Household* |
| Adult-Focused Biospecimen Collection - Blood, Urine, Cord Blood, Breast Milk, Placenta, & **Microbiome Swab** | Biological Mother | *Adult Blood Instrument****Adult Blood Prescreening Questionnaire*** *Adult Urine Instrument & Instructions Cord Blood Instrument\* Breast Milk SAQ, Instructions, & Letter****Breast Milk Kit Distribution & Pick Up Instrument*** *Placenta Instrument\** ***Adult Microbiome Swab Instrument & Instructions*** ***Adult Biospecimen Pick Up Instrument\**** |
| Child-Focused Biospecimen Collection - Infant Blood Spot | Child | *Infant Blood Spot Instrument****Child Biospecimen Pick Up Instrument\**** |
| **Post-Natal Activities** |
| Infant & Child Health Care Log *(Birth to 60M)*  | Primary Caregiver | Infant & Child Health Care Log |
| 3-Month Interview | Primary Caregiver | *3-Month Questionnaire Child 3-Month Questionnaire Adult 3-Month Questionnaire Household* *3-Month Questionnaire Biological Mother* ***Ages & Stages (ASQ-3™) SAQ (2-Month or 4-Month)*** *& Phone Instructions****Infant Behavior Questionnaire-Revised (IBQ-R) SAQ & Instructions***  |
| Biological Mother | ***Edinburgh Postnatal Depression Scale SAQ & Instructions*** |
| Adult-Focused Biospecimen Collection - Breast Milk, Blood, Urine, **Saliva, & Microbiome Swab** *(3M, 6M, 12M, 24M, 36M, 48M, 60M)* | Primary Caregiver | *Breast Milk SAQ, Instructions, & Letter****Breast Milk Kit Distribution & Pick Up Instrument***Adult Blood Instrument**Adult Blood Prescreening Questionnaire**  Adult Urine Instrument & Instructions **Adult Saliva Instrument** ***Adult Microbiome Swab Instrument & Instructions***  |
| 6-Month Interview | Primary Caregiver | *6-Month Questionnaire Child 6-Month Questionnaire Adult* *6-Month Questionnaire Household 6-Month Infant Feeding SAQ****ASQ-3™ SAQ (6-Month or 8-Month),*** *In Person & Mail Instructions* ***Participant Satisfaction SAQ***  |
| Core Questionnaire - Child, Adult, & Household *(6M to 60M, except 9M)* | Primary Caregiver | Core Questionnaire Child **Vaccination Grid Module – Core Child**  Core Questionnaire Adult Core Questionnaire Household  |
| Child-Focused Biospecimen Collection - Urine, Blood, Saliva, **Microbiome Swab, & Teeth** *(6M, 12M, 24M, 36M, 48M, 60M)* | Primary Caregiver | Child Urine Instrument, Instructions, & Urine Bag Instructions Child Blood Instrument**Child Blood Prescreening Questionnaire**  Child Saliva Instrument ***Child Microbiome Swab Instrument******Child Microbiome Stool SAQ & Collection Instructions*** ***Child Teeth Instrument, SAQ, & Collection Instructions***   |
| 9-Month Interview | Primary Caregiver | *9-Month Questionnaire Child*  |
| **Father Post-Natal Interview** *(9M or 18M)* | Father/Father Figure | ***Father Post-Natal Questionnaire Child******Father Post-Natal Questionnaire Adult*** ***Father Post-Natal Questionnaire Household*** |
| 12-Month Interview | Primary Caregiver | *12-Month Questionnaire Child 12-Month Questionnaire Adult* *12-Month Questionnaire Household* *12-Month SAQ Child**12-Month SAQ Adult****ASQ-3™ SAQ (12-Month*** *or 14-Month or 16-Month), In Person & Mail Instructions Brief Infant Toddler Social Emotional Assessment (BITSEA™) SAQ, In Person, Mail, & Phone Instructions*  |
| Child-Focused Physical Measures - Anthropometry, Blood Pressure, **Vision Screening, Lung Function, & Motor Skills** *(6M, 12M, 24M, 36M, 48M, 60M)* | Child | **NIH Toolbox Visual Acuity Test** |
| Primary Caregiver | Child Anthropometry InstrumentChild Blood Pressure Instrument ***Lung Function Instrument NIH Toolbox Early Childhood Motor Battery*** |
| Environmental Sample Collection - Vacuum Bag Dust, **Indoor and Outdoor Visual Observations, & Dust Wipes** *(12M, 36M, 48M, 60M)* | Primary Caregiver | Vacuum Bag Dust Instrument **Indoor Dwelling Unit Visual Observations Outdoor Structural Visual Observations\* Dust Wipes - Organic & Inorganic** |
| 18-Month Interview | Primary Caregiver | *18-Month Questionnaire Child 18-Month Questionnaire Adult* ***NIH Toolbox Emotion Battery****Modified Checklist for Autism in Toddlers (M-CHAT) SAQ, In Person, & Mail Instructions* ***Personal Assessment of Intimacy in Relationships (PAIR) Questionnaire******PAIR SAQ Instructions*** |
| 24-Month Interview | Primary Caregiver | *24-Month Questionnaire Child 24-Month Questionnaire Adult 24-Month Questionnaire Household ASQ-3™ SAQ (24-Month or 27-Month or 30-Month), In Person & Mail Instructions M-CHAT SAQ, In Person, & Mail Instructions*  |
| 30-Month Interview | Primary Caregiver | 30-Month Questionnaire Child 30-Month Questionnaire AdultBITSEA™ 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 | **36-Month Questionnaire Child 36-Month Questionnaire Adult 36-Month Questionnaire Household**  **36-Month Questionnaire Child Care Facility** **ASQ-3™ SAQ (36-Month or 42-Month) & In Person, Mail Instructions** **SWAN Rating Scale for ADHD SAQ & Instructions****Major Life Events SAQ & Instructions****Woman Abuse Screening Tool (WAST) SAQ****Alcohol, Tobacco, Substance Abuse SAQ** |
| Child | **NIH Toolbox Early Childhood Cognition Battery Home Social Direct Observation Instrument\*** |
| **42-Month Interview** | Primary Caregiver | **NIH Toolbox Emotion Battery** **Dietary Food Frequency SAQParticipant Satisfaction SAQ** |
| Biological Mother, Biological Father | **Chronic Medical History SAQFamily Medical History SAQ & Supplemental SAQ** |
| **48-Month Interview** | Primary Caregiver | ***48-Month Questionnaire Child 48-Month Questionnaire Adult 48-Month Questionnaire Household 48-Month Questionnaire Child Care Facility NIH Toolbox Cognition Battery ASQ-3™ SAQ (48-Month or 54-Month), In Person & Mail Instructions NIH Toolbox Parent Proxy Emotion Battery Participant Engagement & Motivation SAQ***  |
| **54-Month Interview** | Primary Caregiver | ***54-Month Questionnaire Child 54-Month Questionnaire Adult*** ***Dietary Food Frequency SAQ***  |
| **60-Month Interview** | Primary Caregiver  | ***60-Month Questionnaire Child 60-Month Questionnaire Adult 60-Month Questionnaire Household 60-Month Questionnaire Child Care Facility ASQ-3™ SAQ 60-Month, In Person & Mail Instructions SWAN Rating Scale for ADHD SAQ & Instructions Major Life Events SAQ & Instructions*** |
| Child | ***NIH Toolbox Early Childhood Cognition Battery*** |
| **Subsample Studies** |   |   |
| **Noise** *(36M, 60M)* | Primary Caregiver  | ***Noise Measurement SAQ, Set Up, & Pick Up Instrument Environmental Noise Monitor & Shipping Instructions*** |
| **Bioelectrical Impedance Analysis (BIA)** *(48M, 60M)* | Primary Caregiver  | ***BIA Instrument***  |
| **Physical Activity (Accelerometer)** *(36M, 48M, 60M)* | Primary Caregiver  | ***Physical Activity Monitor SAQ, Log, Set Up, & Pick Up Instrument*** ***Environmental Physical Activity Monitor, Shipping, & GPS Instructions*** |

***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***

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