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Longitudinal Impacts of Pandemic-Induced Disruptions on Adolescent Siblings' and Parents' Alcohol Use: A Family Life Course Perspective

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DATA SHARING PLAN

NIAAA Data Archive (NIAAA_{DA}) Data Sharing Plan (DSP)

Per NOT-AA-19-020, this study will submit and share data with NIAAA Data Archive (NIAAA_{DA}), a data repository housed within the NIMH Data Archive (NDA). To this end, this study will fulfill the following summary of tasks and expectations:

- Obtain Informed Consent that allows for broad sharing of the research subjects' de-identified data.
- Collect Personally Identifiable Information (PII) from research subjects that will allow for the creation of the NDA GUID (a de-identified subject ID).
- Create an NDA Account with access to the GUID Tool.
- Complete and submit a Data Submission Agreement (DSA) within 6 months of the Notice of Award (NoA) issue date.
- Create a list of data items to be collected in the project in the Data Expected tab of the NDA Collection within 6 months of NoA issue date.
- Create a GUID for each research subject using the NDA GUID tool.
- Format and submit data according to the NDA Data Dictionary and/or work with NDA staff to define an appropriate data structure, if one does not already exist.
- Submit data on or before the NDA submission due dates (April 1 and October 1 each year) in accordance with the applicable Data Sharing Terms and Conditions of award.
- Perform QA/QC checks on data within 4 months after the submission due dates and address any issues identified by the NDA.
- Share data in accordance with the default NIAAA_{DA} data sharing schedule in accordance with the applicable Data Sharing Terms and Conditions of award.
- Upload supporting documents that allow future analysts to effectively use the data, including: study protocols, assessment schedules, operating procedures, original assessment instruments (if not proprietary), and analytic/statistical algorithms used to derive variables in publications.
- Create an NDA Study, linking relevant publications to submitted data at the time of publication, and use the appropriate Digital Object Identifier (DOI) and Acknowledgement template in these publications.
- Submit a statement of progress on data sharing in non-competing renewals and progress reports. Further instructions are available in the RPPR Instruction guide under section C.5.b. Resource Sharing. Refer to specific Tutorials about data submission and sharing via the NDA or refer to the data sharing planning section where the data will be shared.

Grant-specific details (to be completed by applicant):

1. Brief summary of the assessment schedule for data that will eventually be shared with the NIAAA_{DA}: Data collection for Wave 4 of the proposed study will begin in September, 2022 and conclude in February, 2023. Participants, including one parent and two adolescent-aged siblings from 682 families

will be eligible to complete web-based surveys that will assess their alcohol and other substance use behaviors and related-cognitions, COVID-19 related disruptions and stressors, adjustment, other risk behaviors, personal qualities, and family relationship qualities.

2. Listing of proposed data collection instruments (assessments) that do not currently exist in the NDA (if applicable): As described in the Research Strategy, we will use the following validated measures to assess adolescents' and their participating parents' alcohol and other substance use behaviors and related-cognitions, COVID-19 related disruptions and stressors, adjustment, other risk behaviors, personal qualities, and family relationship qualities.

- NIAAA's Task Force on Recommended Alcohol Questions 4-question set¹¹¹
- Sips of alcohol¹¹²
- High intensity drinking¹¹³
- Cannabis and e-cigarette use (from Monitoring the Future)¹¹⁴
- Intentions to use alcohol, cannabis, and e-cigarettes (from Monitoring the Future)¹¹⁴
- Brief Comprehensive Effects of Alcohol Questionnaire¹¹⁹
- Drinking Motive Questionnaire – Revised Short Form¹²¹
- Expectations about cannabis and e-cigarettes¹²³
- Perceptions of risk of substance¹²⁴
- Brief Addiction Behavior Social Density Assessment¹²⁵
- Peer Drug Associations Scale¹²⁶
- Parent permissibility of alcohol use¹²⁸
- Economic stress and strain¹²⁹⁻¹³⁰
- Confusion, hubbub, and order scale¹³¹
- Role overload scale¹³²
- Coronavirus Impact Scale¹³³
- Rhode Island Stress and Coping Inventory¹³⁴
- Pandemic Stress Index¹³⁵
- Coronavirus Health Impact Survey¹³⁶
- School modality history – timeline followback – designed for this study
- Normative developmental transitions – designed for this study
- Adolescents' participation in paid employment¹³⁹
- Brief Symptom Inventory – 18¹⁴⁰
- Delinquent Behaviors¹⁴¹
- Sexual history and risky sexual behaviors¹⁴²
- Educational aspirations¹⁴³
- Occupational aspirations¹⁴⁴
- Sensation seeking¹⁴⁵
- Parental knowledge of children's everyday behaviors¹⁴⁹
- Parental autonomy granting¹⁵⁰
- Relational intimacy questionnaire¹⁵²
- Sibling communication and disclosure scale¹⁵⁵
- Sibling influence scale¹⁵⁶
- Parent-adolescent conflict¹⁵⁸

3. Proposed schedule for running the data validation tool once data collection begins: The data validation tool will be run quarterly upon entry of Wave 4 data into NIAAA_{DA}. To allow adequate time for data cleaning and management, we expect that data for Wave 4 of the proposed study will be entered into the NIAAA_{DA} approximately 6 months after Wave 4 data collection is complete. Therefore, we expect that use of the data validation tool will commence in approximately August 2023.