

Are you interested in participating in clinical research related to your recovery?



The National Institute on Drug Abuse (NIDA) is conducting a research study looking at brain imaging changes at various stages of sobriety in physicians and other health professionals participating in a Physicians Health Program (PHP) or equivalent.

- Attend two remote, online sessions (a 1-2-hour session and a 1-3-hour session)
- Attend one in-person visit to NIDA at the Johns Hopkins Bayview Campus in Baltimore for imaging studies, which includes an overnight stay the evening before the full-day study visit
- Receive free transportation and overnight accommodations in our research unit
- Be compensated \$335 to \$435 for participating

To learn more, contact:

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* Participation in this study is completely voluntary, not part of Physician Health Program (PHP) participation, or part of any treatment and does not provide any direct benefit. Whether or not a person participates will not have any impact on their status at a PHP or future treatment.

STUDY FACT SHEET FOR CROSS-SECTIONAL STUDY PARTICIPANT GROUP

This study is looking at changes in brain activity in addicted professionals participating in a Physician Health Program (PHP) or equivalent. The cross-sectional part of the study focuses on measuring brain imaging changes at various stages of sobriety in comparison to people who do not use drugs. This study will include one phone screening, two online (e.g. Skype) sessions (one for further screening and one for consenting), and one imaging visit to NIDA, which is located on the Johns Hopkins Bayview Medical Campus in Baltimore, MD. The imaging visit will take a full day (about 8-10 hours) and will include two MRI sessions.

MRI:

We will measure brain function using functional magnetic resonance imaging (fMRI). MRI uses a magnet and radio waves to take pictures of the brain. The brain imaging done in this study will help us to better understand the effect of drugs on the brain and the changes that take place during the process of recovery or relapse.

Study commitment:

Brief phone screening:

- You will be asked general questions about your addiction, psychiatric history and medical conditions.

Two Online Sessions:

- Online sessions will be conducted via a secure internet connection.
- During the first online session, you will be asked to electronically sign a consent form in order for us to ask more detailed questions about your addiction and psychiatric history.
- We will send you more questionnaires to fill out on your own time (may take up to 4 hours).
- You will also be asked to sign a release of information (ROI) to allow NIDA to access your medical records.
- Once we receive medical records and completed questionnaires and determine that you qualify for the study, a second online session will be scheduled.
- During the second online session, you will be asked to electronically sign a second consent form in order to participate in the main study.

One visit to NIDA for MRI scans:

- You will travel to Baltimore the day before the study visit and return back home the evening of the study visit. You will stay overnight at an in-patient facility.

- The study visit takes about 8-10 hours.
- There will be a brief medical assessment at the beginning of the visit.
- Two MRI sessions during the study visit. Each MRI session will take 2-3 hours.
- A total of about 60 mL (less than five tablespoons) of blood will be collected at different time points during the visit.
- During imaging session, you will be asked to complete various thinking tasks inside and outside of the MRI.
- One of the tasks will include brief exposure to a small electrical shock to the foot (feels like snapping rubber band) and showing you pictures of alcohol or drugs or both.

Follow up phone call: 1-2 business days after your visit you will receive a phone call to assess any visit-related concerns.

Transportation and compensation:

We will pay for your transportation to and from study visits and you will receive compensation for study participation. The total compensation for your time will be about \$345 if you complete all parts of the study.