

ODSS-NIDA Collaboration

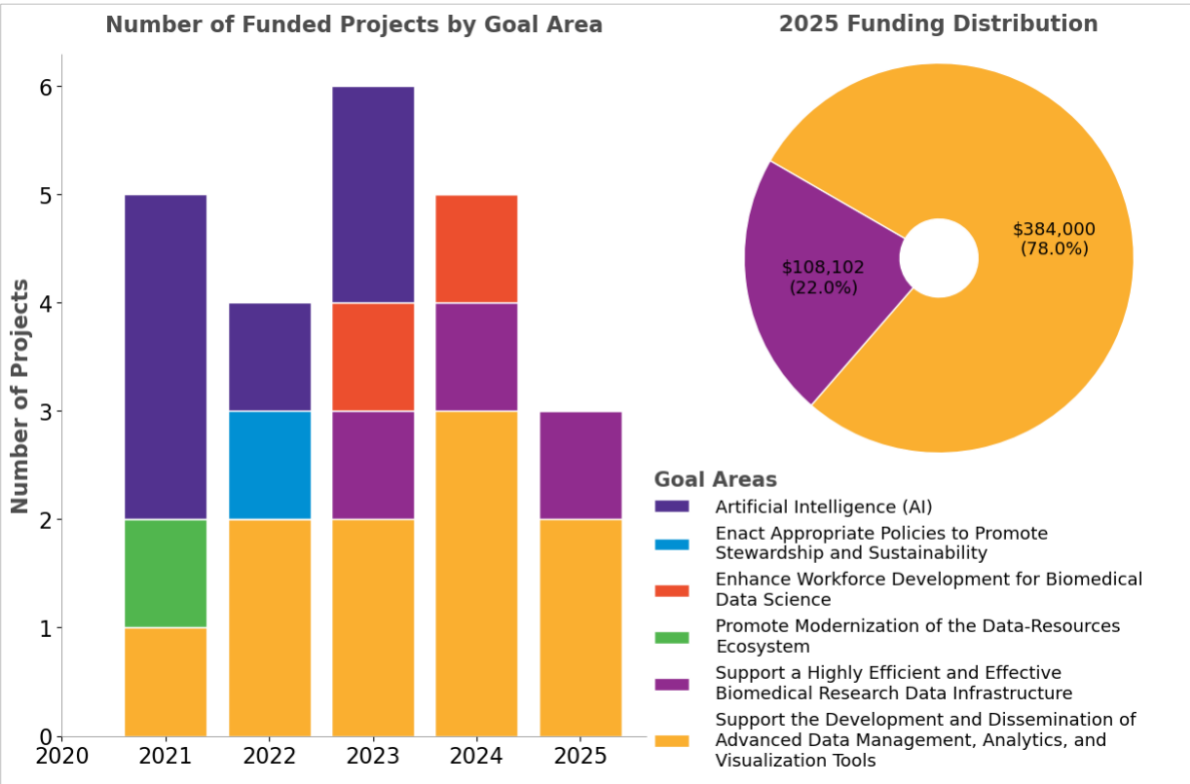
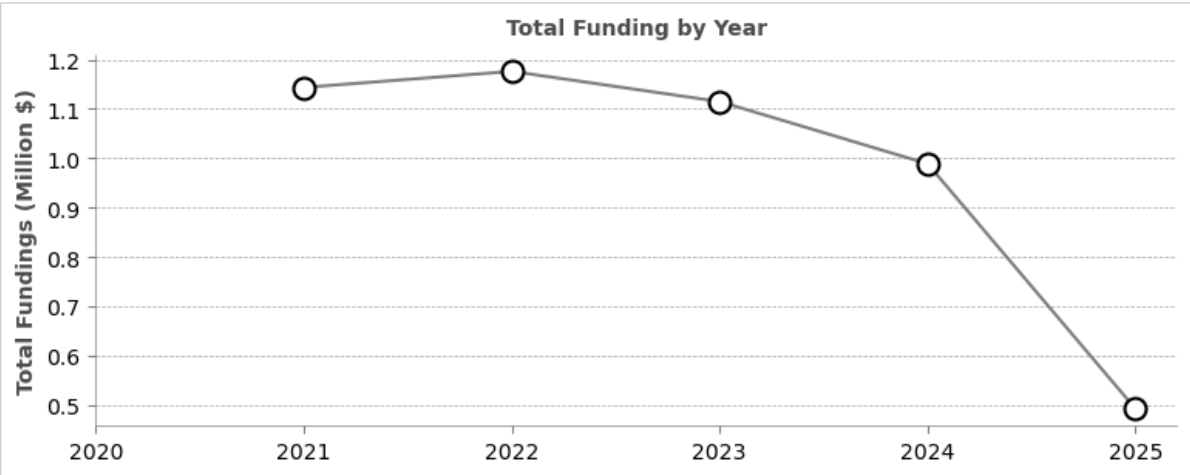
2025

An abstract graphic at the bottom of the page featuring a network of glowing blue lines and dots, resembling a molecular structure or a data network, set against a dark blue background.

2025 ODSS Funding for NIDA

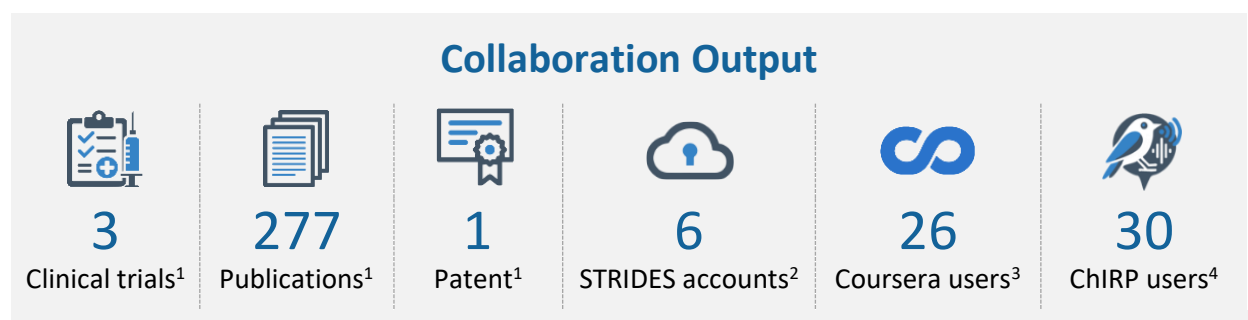
In 2025, ODSS provided \$492,102 in funding to NIDA, supporting 3 co-funding awards across 2 goal areas.

- **Funding Trend:** Funding has remained steady around \$1M from 2020 to 2024 with some downturn in 2025.
- **Strategic Goal Trends:** NIDA and ODSS have consistently partnered to develop advanced tools and data infrastructure in recent years, with significant investments towards AI and workforce development in previous years.



Co-funding Highlights

- **JustIn: An Open Source Software Platform and Community to Accelerate Adaptive Mobile Intervention Research (Grant #: 1 R03DA064276-01).** ODSS provided \$234,000 to NIDA to support the JustIn platform to democratize research to optimize digital adaptive interventions in substance use disorders (SUD)/HIV and other domains of health. This co-funding supports one goal area — advanced tools development.
- **SCH: Multidimensional Data Science Approach: Measuring and Characterizing Craving and Affective Profiles in Substance Use Disorders (Grant #: 5 R01DA059925-03).** ODSS provided \$150,000 to NIDA to support the development of novel data science methods to synthesize and characterize craving and affective signatures and build craving and affect detection and prediction models. This co-funding supports one goal area — advanced tools development.
- **Training in Advanced Data Analytics to End Drug-Related Harms (TADA) (Grant #: 2 T32DA050552-06).** ODSS provided \$108,102 to NIDA to support the renewal (Years 6-10) of the TADA T32 pre-doctoral training program at Emory University, which is designed to train the next generation of diverse scientists to integrate rigorous and ethical data science approaches and social and behavioral science approaches. This co-funding supports one goal area — workforce development.



¹ Data sources: QVR and iTools. Fiscal Years: 2020-2025. These are output numbers associated with core awards, filtered to include only outputs that occurred after an ODSS-associated application was funded.

² (Collaborative support from CIT and ODSS) The NIH Science and Technology Research Infrastructure for Discovery, Experimentation, and Sustainability (STRIDES) Initiative is a partnership with commercial cloud service providers (CSPs) to allow NIH-supported researchers to affordably explore the use of cloud services and environments to streamline NIH data use.

³ To enhance NIH workforce training, ODSS collaborates with NLM to fund and manage the NIH Coursera Program that offers a limited number of free Coursera licenses to NIH staff. Over the course of FY25, there were a total of 1388 Coursera users, covering all 27 ICs. Please note that Coursera paused on 9/6/2025 due to contract processing delay but will restart as soon as acquisition is processed in the new fiscal year.

⁴ ODSS, in collaboration with OD, CIT, NHLBI, and NIA, developed an NIH community pilot LLM chatbot called [ChIRP](#). ChIRP is funded by ODSS and OIR, aiming to create a secure environment for NIH staff to safely explore how generative AI technologies. As of November 2025, ChIRP had 863 active users.

Collaboration Highlights

- ODSS monthly data sharing and reuse seminar series provides an opportunity for the ICOs to highlight data science and informatics efforts and programs to the larger research community. In June 2025, NIDA hosted the seminar titled “*Transformative AI for Deep Mining of Omics and Literature Data*”.