



ODSS-NIGMS Collaboration

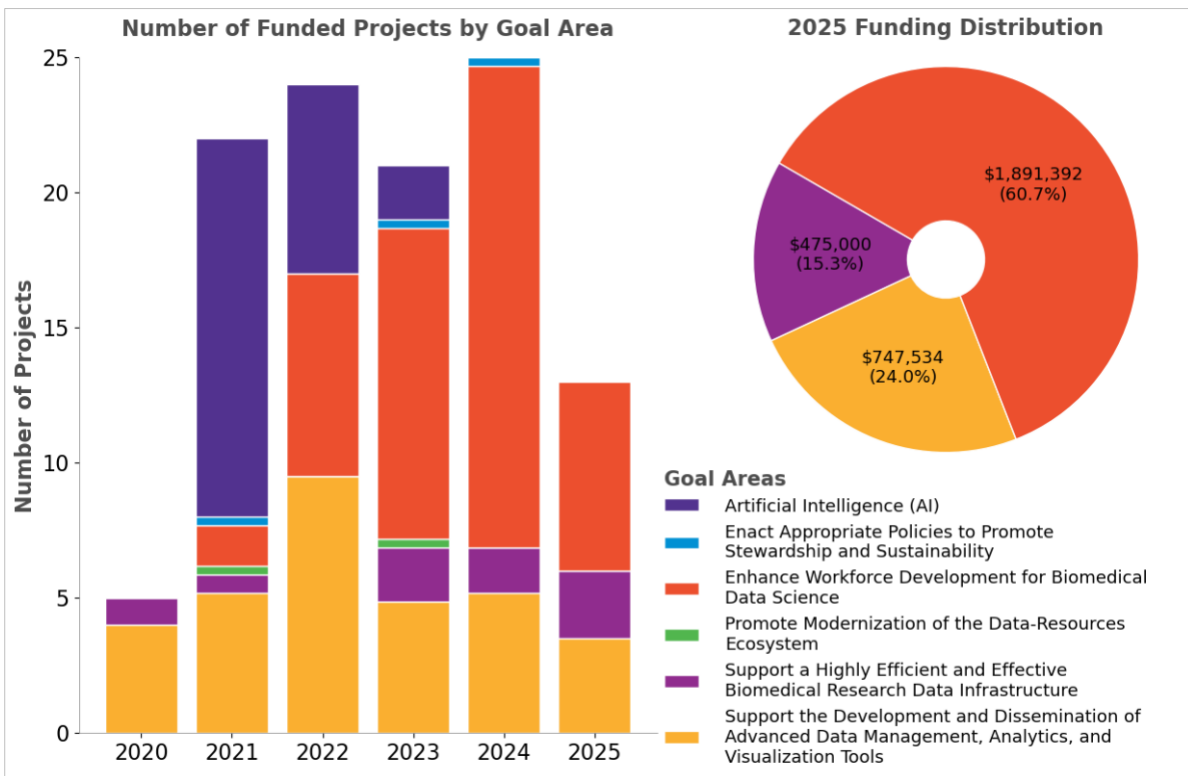
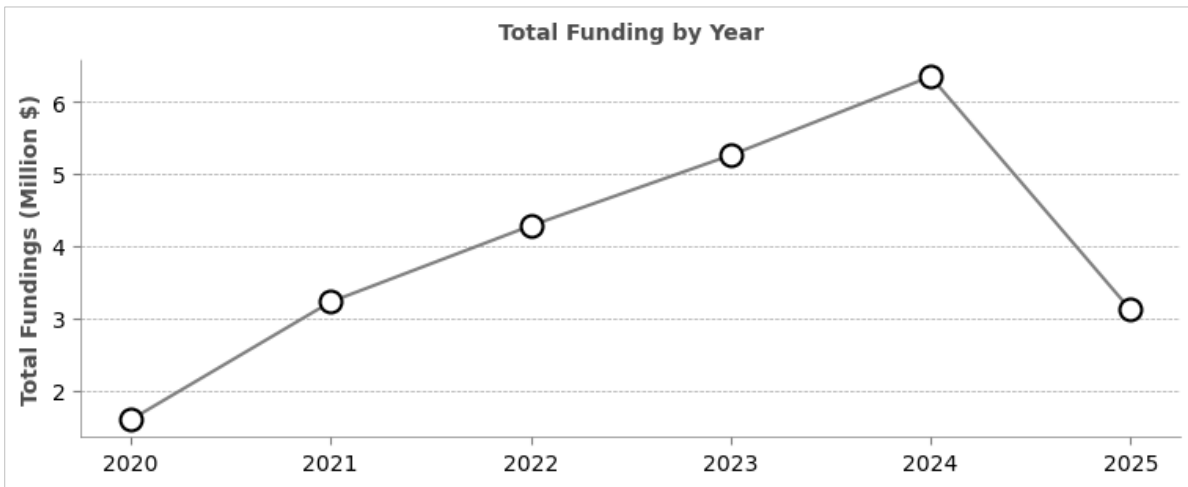
2025



2025 ODSS Funding for NIGMS

In 2025, ODSS provided \$3,113,926 in funding to NIGMS, supporting 13 co-funding awards across 3 goal areas.

- **Funding Trend:** Funding has increased steadily by nearly four-fold from 2020 to 2024 with some downturn in 2025.
- **Strategic Goal Trends:** NIGMS and ODSS have consistently partnered to support workforce and advanced tools development with substantial investments in AI in previous years.



Co-funding Highlights

- **Advance Clinical and Translational Research (Advance-CTR) (Grant #: 5 U54GM115677-10).** ODSS provided \$383,091 to NIGMS to address the current and future health concerns in Rhode Island by bridging infrastructure gaps through creating an overarching, multidisciplinary, central organization to better coordinate and leverage existing resources. This co-funding supports one goal area — workforce development.
- **Oklahoma Shared Clinical and Translational Resources (OSCTR) (Grant #: 5 U54GM104938-13).** ODSS provided \$357,719 to NIGMS to support the OSCTR to bring together clinical researchers, health professionals, community organizations, and scientific infrastructure to address Oklahoma’s top health problems. This co-funding supports one goal area — workforce development.
- **MT INBRE: A Multidisciplinary Research Network (Grant #: 5 P20GM103474-25).** ODSS provided \$344,118 to NIGMS to support MT INBRE to catalyze and strengthen biomedical and health science research across the state by emphasizing the people and perspectives found in the state to improve health in communities throughout Montana. 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 ODSS, in collaboration with OD, CIT, NHLBI, and NIA, developed a 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.

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 (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.

Collaboration Highlights

- ODSS FHIR for research training, developed in collaboration with NIGMS Institutional Development Award - Clinical and Translational Research Programs (IDeA-CTRs), was honored with a Distinguished Poster Award at the 2024 AMIA Annual Symposium. The poster described efforts to develop accessible, modular, and reusable on-demand training materials to enable the adoption of Health Level Seven International (HL7®) Fast Healthcare Interoperability Resources (FHIR®) standards in the clinical research community.
- ODSS partners with NIGMS to co-fund Science Education Partnership Award (SEPA) projects. In a co-funded project, investigators at the Institute for Future Intelligence (IFI) and the University of Florida (UF) collaborated and created the [Artificial Intelligence for Molecular Sciences \(AIMS\) platform](#).
- Dr. Lisa Marriott, an R25 Science Education Partnership Award (SEPA) PI co-funded by ODSS, highlighted in [her publication](#) the innovative strategies for enhancing demographic data collection in STEM education and training using a tool created from the SEPA program called the STEM Assessment and Reporting Tracker (START).