Registration for 2024 NIH ODSS AI Supplement Program PI Meeting

March 27, 2024, 11AM – 5PM EDT • March 28, 2024, 11AM – 5PM EDT

Purpose

The FY24 NIH ODSS AI Supplement Program PI Meeting will be held virtually March 27-28, 2024. The purpose of this meeting is to unite Principal Investigators, their teams, and students from the FY22 and FY23 ODSS AI supplement programs. This two-day gathering will provide a platform for participants to exchange insights on their projects, celebrate accomplishments, discuss best practices, share lessons learned, and engage in collaborative discussions. The event is designed to foster the development of a cohesive NIH AI community.

Privacy Act Notification Statement: Collection of this information is authorized under 42 U.S.C 241. The primary use of this information is to gather relevant information from attendees to support communication and planning around the 2024 NIH ODSS AI Supplement Program PI Meeting.

OMB#: 0925-0740 Exp Date: 09/2025
Paperwork Reduction Act Burden Disclosure Statement: Public reporting burden for this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering, and maintaining the data needed, and completing and reviewing the collection of information. An Agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a current valid OM B control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0740). Do not return the completed form to this address.

* Required

1. Title *

Select your answer   ⌄

2. First Name *

Enter your answer

3. Last Name *

Enter your answer

4. Email *

Enter your answer

5. Institution *

Enter your answer

6. Position *

Enter your answer

7. Request for Reasonable Accommodations

Enter your answer

8. Program *

○ NOT-OD-22-065 – FY2022 Request for ODSS Funds to Advance the Ethical Development and Use of AI/ML in Biomedical and Behavioral Sciences (also known as FY22 AI-Ethics program)

⦿ NOT-OD-22-067 – FY2022 Request for ODSS Funds to Support Collaborations to Improve the AI/ML Readiness of NIH-Supported Data (also known as FY22 AI-Readiness program)

○ NOT-OD-23-082 – FY2023 Request for ODSS Funds to Support Collaborations to Improve the AI/ML Readiness of NIH-Supported Data (also known as FY23 AI-Readiness program)

○ Observer – I am not involved in any awards of these AI supplement programs

9. NOT-OD-22-067 Award Title *

⦿ Wake Forest IMPOWR Dissemination Education and Coordination Center (IDEA-CC)

○ Curating musculoskeletal CT data to enable the development of AI/ML approaches for analysis of clinical CT in patients with metastatic spinal disease

○ UniProt - Protein sequence and function embeddings for AI/Machine Learning readiness

○ A-STOR Cancer Clinical Trial Artificial Intelligence & Machine Learning Readiness

○ Perturbation training for enhancing stability and limb support control for fall-risk reduction among stroke survivors

○ Approaches for AI/ML Readiness for Wildfire Exposures

○ SCH: Enabling Data Outsourcing and Sharing for AI-powered Parkinsons Research

○ Machine learning approaches for improving EEG data utility in SUDEP research

○ 3D Reconstruction and Analysis of Alzheimers Patient Biopsy Samples to Map and Quantify Hallmarks of Pathogenesis and Vulnerability

○ Targeted transcranial direct current stimulation combined with bimanual training for children with cerebral palsy

○ Development of functional magnetic resonance imaging-guided adaptive radiotherapy for head and neck cancer patients using novel MR-Linac device

○ Contextualizing and Addressing Population-Level Bias in Social Epigenomics Study of Asthma in Childhood

○ Use of Optical Character Recognition (OCR) to Enable AI/ML-Readiness of Data from Dual-Energy X-ray Absorptiometry (DXA) Images

○ Retinal Circuitry

○ (MEnD-AKI) Multicenter Implementation of an Electronic Decision Support System for Drug-associated AKI

○ An automated AI/ML platform for multi-researcher collaborations for a NIH BACPAC funded Spine Phenome Project

○ A More Perfect Union: Leveraging Clinically Deployed Models and Cancer Epidemiology Cohort Data to Improve AI/ML Readiness of NIH-Supported Population Sciences Resources

○ Piloting a web-based neuropathology image resource for the ADRC community

○ Improving AI/ML-Readiness of data generated from NIH-funded research on oral cancer screening

○ Neurobiology of Intrinsic Primary Afferent Neurons

○ Neuroscience Gateway to Enable Dissemination of Computational And Data Processing Tools And Software.

○ Continuation of the NuMoM2b Heart Health Study

○ Pathways to successful aging among perinatally HIV-infected and exposed young adults: Risk, resilience, and the role of perinatal HIV infection

○ The Integrated Stress Response in Human Islets During Early T1D

○ Improved metadata authoring to enhance AI/ML readiness of associated datasets

○ Application of machine/deep-learning to the systems biology of glycosylation

○ Development of an AI/ML-ready knee ultrasound dataset in a population-based cohort

○ Towards AI/ML-enabled molecular epidemiology of Mycobacterium tuberculosis

○ Administrative Supplement to Support Collaborations to Improve AIML-Readiness of NIH-Supported Data for Parent Award SCH: Personalized Rescheduling of Adaptive Radiation Therapy for Head & Neck Cancer

○ Retrieval, Reprocessing, Normalization and Sharing of Gene Expression and Lung Microbiome Data Sets to Facilitate AI/ML Analysis Studies of Bacterial Lung Infections

○ A structured multi-scale dataset with prostate MRI for AI/ML research

○ Novel Strategy to Quantitate Delayed Aging by Caloric Restriction

○ Dopamine modulation for the treatment of chronic dysfunction due to traumatic brain injury

○ Development and validation of a computable knowledge framework for genomic medicine

○ Cancer Genomics: Integrative and Scalable Solutions in R/Bioconductor

○ Carbohydrate enzyme gene clusters in human gut microbiome

10. Lightning Presentation *

Participants from NOT-OD-22-067 and NOT-OD-22-065 are requested to discuss the motivation, achievements, best practices, lessons learned, and future plans of their awarded AI projects. Please confirm that you will deliver a lightning (10 min) presentation.

○ No, I am unable to deliver a presentation

◉ Yes, I will deliver a presentation

11. Presentation Title *

Enter your answer

12. Presentation Agreement *

Do you agree that your presentation can be added to the NIH ODSS AI Supplement Program PI Meeting website and NIH ODSS website?

◯ Yes

◯ No

Microsoft 365