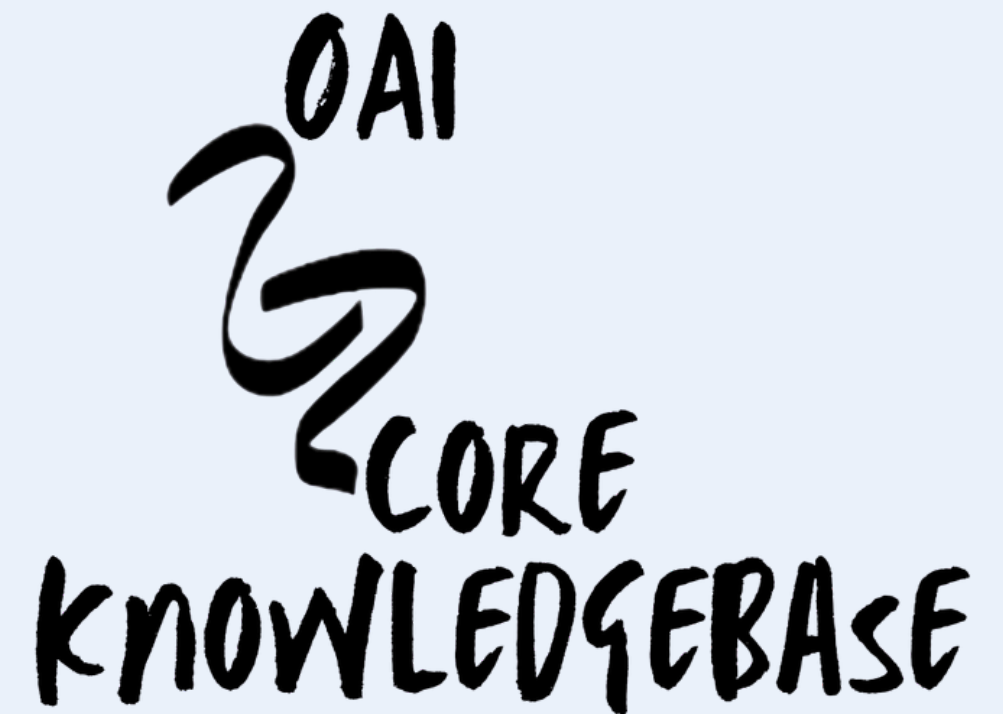


OAI CORE Knowledgebase: Year 1 Annual Progress Report



Reporting Period: April 2025 – March 2026

Operational Foundation & Digital Infrastructure

Milestones

- Project Manager Onboarded: Julieann Patarini (April 2025)
- Website Launched ahead of schedule (Aug 29, 2025)
- Advisory Committees formed & charters shared (Aug 2025)

Year 1 Impact

40

countries reached


566

total website visits
(Aug – Dec 2025)

141

webinar registrants

Strategic Pivot



Emphasis shifted early in the year from broad focus groups to the rapid development of core grant components and content generation. The platform is now live

Operations & Internal Infrastructure

Ensuring ethics, compliance, and quality control

Regulatory Compliance

- Received two “Not Human Research” determination letters from UMass Chan Medical School IRB
 - Coverage: Engagement services and quality monitoring activities
- Public Transparency: SOPs for dataset generation publicly shared (Dec 2025)

AI & Communications

- Developed 2 large language models trained on OAI documentation for rapid internal inquiry resolution
- Established biweekly newsletters for OAI CORE Faculty
- Created a LinkedIn page to continuously promote OAI material and knowledgebase events

External Alignment

- Quarterly coordination with NIAMS staff and liaisons with NDA teams (Apr, Sep, Nov 2025, Jan 2026)
- Result: Deferred redundant NDA/dbGaP meetings to streamline communication via NIAMS

Data Hygiene

- Audit of NDA OAI website completed
- Action: Identified outdated links and provided updated site map to liaisons

Advisory Committees

Guided by expert governance and diverse community representation

External Advisory Committee

Scientific Rigor & FAIR Data

Michael Nevitt

Susan Rubin

Chuck Eaton

Marc Hochberg

Alison Chang

John Lynch

Erika Schneider

Leigh Callahan (Community Engagement)

Julia O'Rourke (FAIR Data)

Community Advisory Committee

Global Reach & Industry Perspective

Ali Mobasher (International)

Mary Barbe (USA)

Eiji Sasaki (Japan)

Matt Harkey (USA – Early Career)

Zube Salis (France – Early Career)

Klaus Flechsenhar (International – Pharma)

Erin Teeple (USA – Pharma)

Adam Silumbwe (Zambia)

Both committees completed initial website testing in August 2025. Charters are publicly available.

Digital Infrastructure

The Digital Hub: Deployment of the Knowledgebase Platform

Launch Status: www.oaiknowledgebase.com - Live as of **August 29, 2025**

Current Features (Live):

- **Engagement Services Offered:** Office Hours, BRAC application help
- **Resource Library:** State of the OAI
- **Other:** Committee charters, SOP Dataset Generation, Publication tracker

In Development:

- OAI Explorer: Beta testing completed (Oct 2025)
 - Variable finder, data summaries
- OAI.edu: Video tutorials
- Learning Lab: Practice datasets for classrooms

Archives & Preservation

Preserving the OAI legacy while enhancing data accessibility



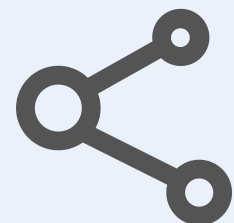
OAI Archive

- Decided to make the OAI archive an internally held resource that will be shared with NIAMS



Biospecimen Database

- Coordination initiated with NIAMS team to develop this resource



Data Linkage

- Developing tutorials for uploading data to NIMH Data Archive (NDA)
- Assisting researchers with linking private datasets to existing public data

OAI.edu Live Webinar Sessions

A comprehensive educational curriculum for 2026



Feb 9: Jeffrey Driban

Topic: Current State of the OAI Data Usage & Intro to Knowledgebase (141 registered)



Mar 9: Jamie Collins

Topic: FNIH OAI Data



Apr 13: Michelle Yau

Topic: OAI Genetics Data



May 11: Chuck McCulloch

Topic: Hierarchical and Longitudinal Analyses



June 8: Grace Lo

Topic: Lifetime Physical Activity

Services & Support

Engagement Services

9

consultations provided since inception

- Office Hours: One-on-one services advertised via website and LinkedIn
- Scope: Services range from dataset navigation to grant preparation support

Educational Outreach

- State of the OAI Report: Published Nov 2025 to establish a historical record for the OAI and its publications
- Academic Integration: OAI data utilized in class setting (Advanced Analytical Methods in Health Outcome Studies – UMass Chan Medical School CTS 716)

Dissemination

Scientific community presence

SEMINARS IN
ARTHRITIS & RHEUMATISM



Published manuscript:
*The state of the
Osteoarthritis Initiative
(OAI): Entering a new era.*

 **ARSI**
WORLD CONGRESS ON OSTEOARTHRITIS



Accepted for a Breakfast
Workshop on the OAI
Knowledgebase



The Journal of
Rheumatology



Invited to submit
manuscript on “How to
use OAI data”

Impact Metrics (OAIKnowledgebase.com)

Global reach spanning 40 countries (Aug 29 - Dec 31, 2025)

Total visits

566

Unique Visitors

390

Page views

1,877



Top 5 Countries by Traffic

1. United States (65%)

2. Germany (8%)

3. Singapore (4%)

4. Japan (3%)

5. United Kingdom (2%)

Community Engagement


Building an engaged online community

Direct Marketing

- Procured NDA mailing list for Knowledgebase marketing
- Distributed promotional material at conferences
- Webinar advertisements shared by most NIAMS-funded CCRs

LinkedIn Growth

 Impressions:
6,218

 Engagement:
292 clicks
187 reactions


 Followers:
61 (organic)

Feedback Loop

- Service request logs created
- Initiated continuous monitoring of user feedback
- Developed post-webinar survey

Year 2 Roadmap

Milestones, Deliverables, Events

