OTA-24-004: NIH Common Fund Data Ecosystem (CFDE) Training Center (OT2)

February 16, 2024

CFDE Program Management Team

NIH National Institutes of Health
Office of Strategic Coordination–The Common Fund

Agenda

o Brief overview of the Research Opportunity Announcement (ROA)
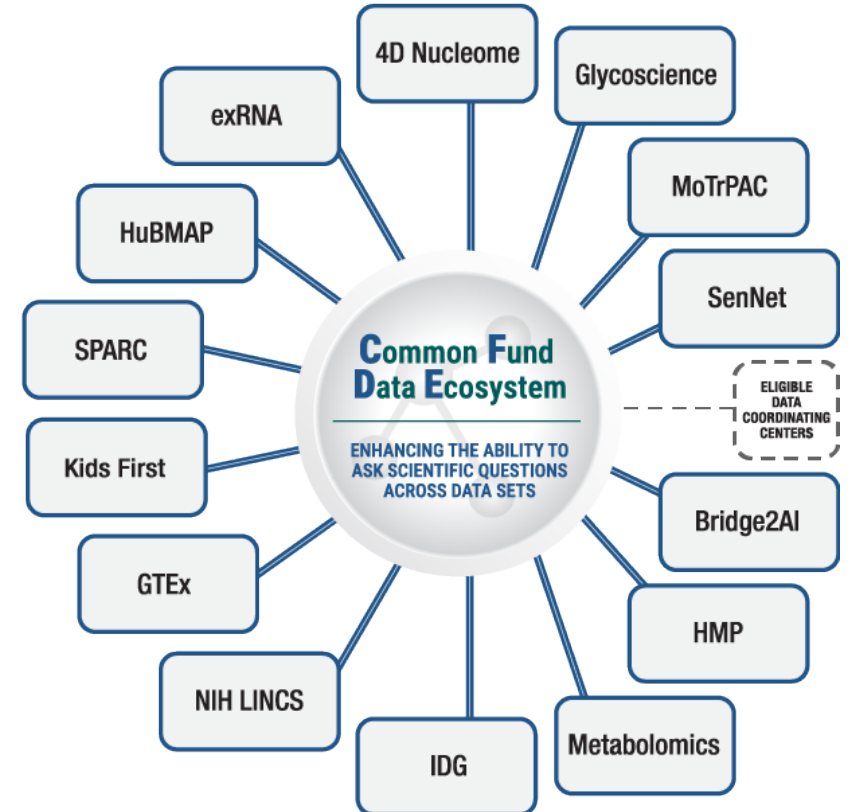
o Questions & Answers

Brief Overview of the ROA

CFDE Structure in the Pilot Phase
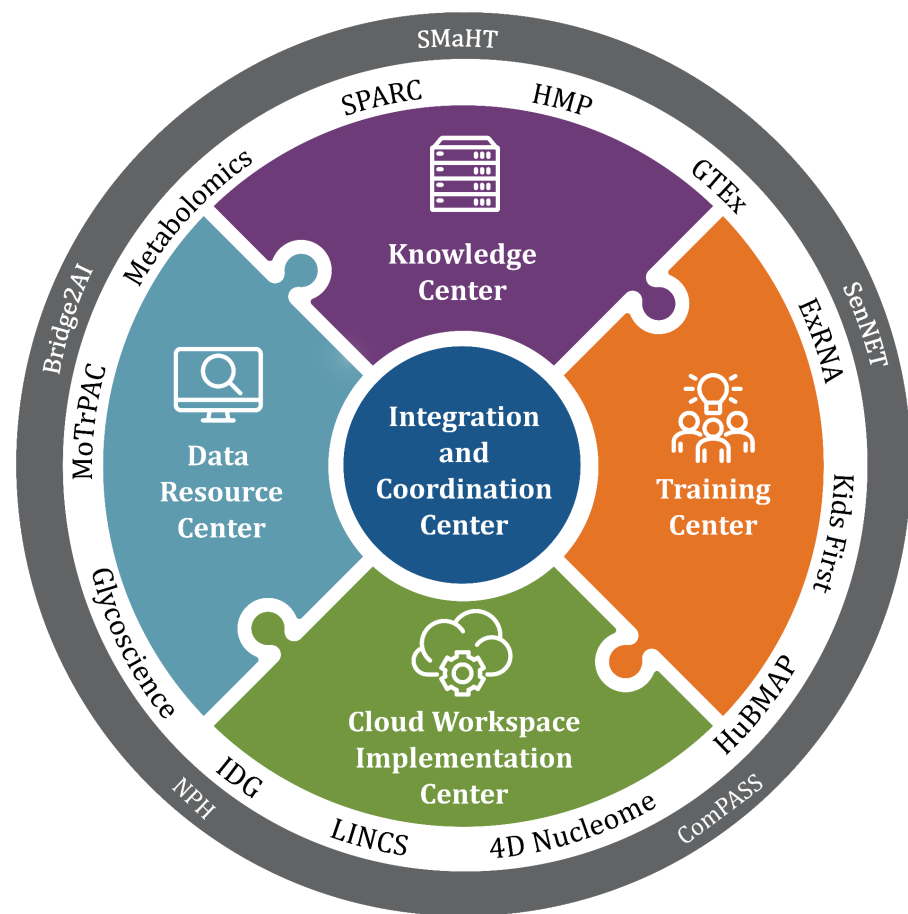
December 2019 - September 2023

During the pilot phase, CFDE consisted of:

1. A single Coordinating Center (CFDE-CC) whose responsibilities included:
   - Technical and logistic coordination
   - CFDE Portal
   - Searchable data set catalog
   - Metadata standardization
   - Training and outreach; and

2. Engaged CF Program DCCs that participated by:
   - Submitting metadata to the data set catalog
   - Performing FAIRness assessments
   - Partnering to integrate data sets and digital resources across CF Programs

CFDE Structure in Phase II
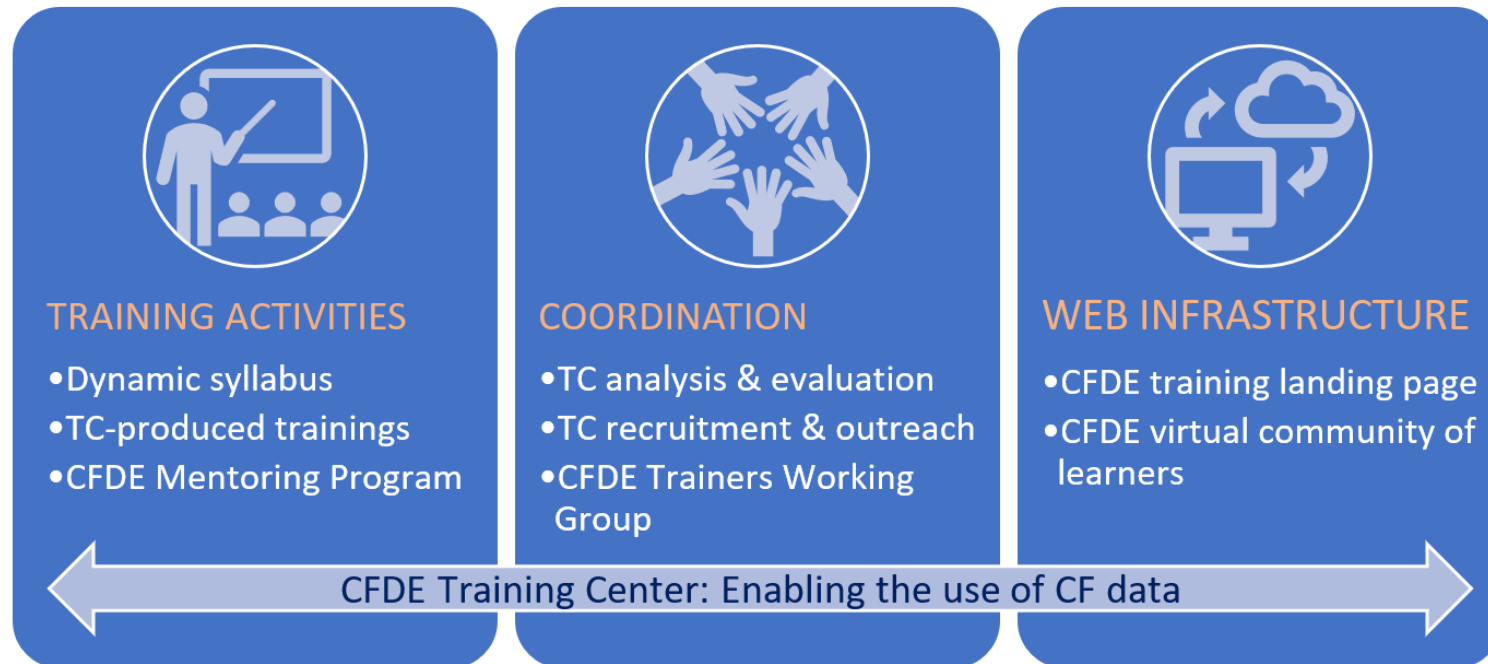
October 2023 – September 2028

In phase 2, CFDE will be composed of,

- Five interconnecting Centers
  - Data Resource Center
  - Knowledge Center
  - Integration & Coordination Center
  - *Training Center*
  - Cloud Workspace Implementation Center

- Engaged Common Fund Program DCCs, the number of which will continue to increase over time

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The purpose of this ROA is to establish **the CFDE Training Center**

TRAINING ACTIVITIES
- Dynamic syllabus
- TC-produced trainings
- CFDE Mentoring Program

COORDINATION
- TC analysis & evaluation
- TC recruitment & outreach
- CFDE Trainers Working Group

WEB INFRASTRUCTURE
- CFDE training landing page
- CFDE virtual community of learners

CFDE Training Center: Enabling the use of CF data

Success Metric: *Robust and growing training community (instructors and trainees), courses, mentoring activities, and training materials to expand the use of Common Fund data sets and other digital resources.*

Training Activities

- **Dynamic Syllabus**: On-demand customizable syllabus to meet trainees "where they are," focused on CF data sets.

- **Trainings Produced by the Training Center**: Online training on essential skills not currently addressed by existing courses to interact with and use CF data.

- **CFDE Mentoring Program**: To support new CF data users and promote increased and sustained diversity in the CF bioinformatics community.
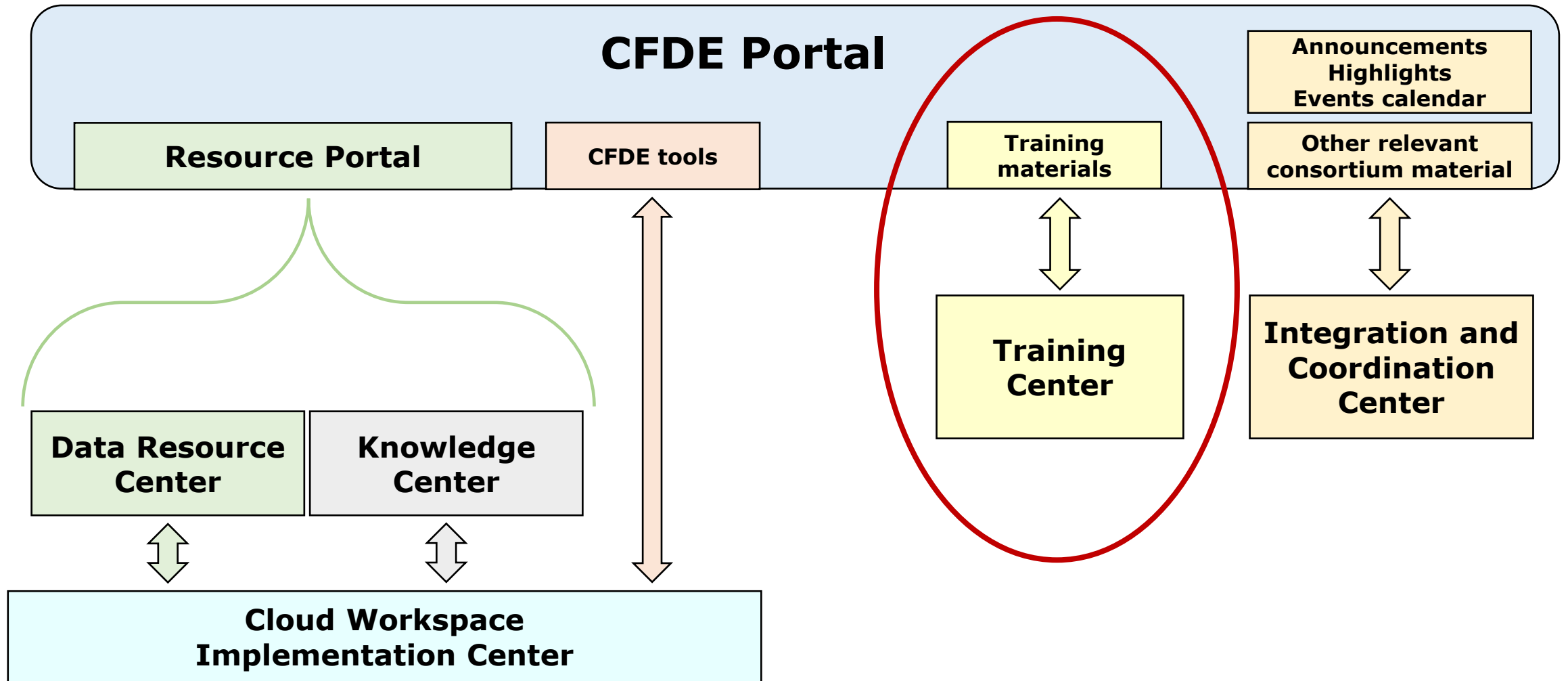
Coordination

- **Analysis and Evaluation**: Landscape analysis and annual updates, define goals for the Center and develop an Evaluation Plan to measure progress toward those goals at regular intervals, update training materials annually based on analysis and evaluation.

- **Recruitment and Outreach**: Develop and implement a recruitment plan to attract new trainees with a special emphasis on trainees from underrepresented groups, develop and implement a plan to share Center activities with the broader public and target communities to extend the awareness of CFDE and its training resources.

- **CFDE Trainers' Working Group**: Share best practices, materials, and opportunities to leverage training efforts across CFDE, including the Training Center, R25 PIs, DCCs, F32 Advisors, and R03 PIs.

Web Infrastructure

- **CFDE Training landing page**: Develop and maintain content related to Center's training and mentoring activities on the CFDE Training landing page.

- **CFDE virtual community of learners**: Provide online opportunities for interactions among trainees to foster a cohort of engaged learners interested in analyzing CF data to address complex research questions.

Training Center ←→ CFDE Portal

Training Center Priorities

The Training Center and all its products should be built to be flexible and inclusive.

Flexible

- Interact within CFDE and with CFDE's training efforts
- Accommodate new and developing topics (e.g., cloud computing) in trainings
- Dynamic, customizable syllabus to address evolving needs of trainees

Inclusive

- Use strategies for broad recruitment
- Provide the environment and support for participants, instructors, and other stakeholders to thrive
- Consider accessibility of training resources
- Incorporate feedback from end-users and communities of practice

Letter of Intent (LOI)

o LOIs are **not** required to be eligible to submit a full proposal.

o However, submitting an LOI is **strongly recommended**.

o Due Date: March 1, 2024

o NIH will use the LOI to assess eligibility and to identify conflicts of interest for potential reviewers.

o NIH will **not** provide feedback about the scientific and technical content for improvements.

Due date: April 1, 2024

- Applications will have multiple components as listed in the ROA

- Components must be prepared and attached as separate documents to the application document

  - The OTA core form has specific fields for the **Leadership Plan**, **Abstract**, and **Specific Aims** - use those fields for those sections

  - All other components should be included in the **Attachments** field as separate attachments

  - Do not attach the **Budget Justification** to the budget form but include it as one of the attachments to the application document

- Title the component documents with section names listed in the ROA

- If applicable, page limits for components are stated in the ROA

Non-Responsive Criteria

Applications deemed non-responsive will not proceed to review. The following applications will be considered non-responsive:

o Applications from organizations not included in the Eligibility section (Section 3)

o Applications without an **Enhancing Educational Inclusivity Plan** (Section 8.3).
  - Description of defined activities and actionable strategies to promote inclusivity in the Training Center.
  - Efforts to cultivate an environment free from harassment and intimidation.
  - Milestones or other metrics for the evaluation of proposed activities and success.

o Applications without a **Recruitment Plan to Enhance Diversity** (Section 8.3)
  - Description of defined activities and actionable outreach strategies to recruit prospective participants from diverse backgrounds in the Training Center.
  - Description of how the planned efforts reflects past experiences in recruiting individuals from underrepresented groups.
  - Description of how the effectiveness and impact of these activities will be monitored and evaluated.

PI Eligibility Restriction

CFDE also issued the Notice of Funding Opportunity (NOFO) RFA-RM-23-014 for Research Education Program (R25) awards.

- The PI/MPIs for the DRC, KC, or ICC will NOT be eligible to serve as the PI/MPIs for the TC.

- Applicants may apply to this opportunity (OTA-24-004) and the R25 NOFO (RFA-RM-23-014), but if the applicant is selected for and accepts the TC award, they will be ineligible to receive an R25 award.

- PIs/MPIs who have questions concerning their eligibility must contact the CFDE NIH team to clarify their eligibility before applying.

eRA/ASSIST Webinar

NIH will be scheduling a **webinar about submission of OT applications.**

Attendance by you and your Grants Management Colleagues is highly encouraged.

> *Please refer to https://commonfund.nih.gov/dataecosystem/faqs for the information on the eRA/ASSIS webinar*

For additional information:

Visit the FAQ page
https://commonfund.nih.gov/dataecosystem/faqs

Contact the Program Team: CFDE@od.nih.gov

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Q & A

Thanks for attending

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