Northwestern RESEARCH

Core Facilities Brown Bag

May 8, 2024

Agenda

- 1. VPR Eric Perreault : Core Staff Conversation
- 2. Prepping for FY2025
- 3. Changes to grant program (development proposals)
- 4. ABRF Debrief
- 5. NUcore Update

VPR Eric Perreault : Core Staff Conversation

FY25 Preparations

- □ Schedule Oversight Committee meetings (if needed)
 - Finalize budgets / cost studies for FY25
 - Develop plans for grant applications (expect 2 competitions)
 - MRI Limited submission in mid-August
- Budgets
 - Confirm expectations with your business offices.
 - Assume expectations will be same for FY2025 onward.
- □ Cost Study
 - CFA is now providing feedback on expected revenue on cost study vs midyear projections and end of year performance.
 - Evaluate past assumption regularly!
 - Cost study should not have a planned deficit
- □ Ongoing: update appendices at https://app.smartsheet.com/
 - New space
 - Staffing changes
 - CFA will add equipment annually

Changes to Grant Program

- Still twice per year. Assume early September and February due dates
 - ReLODE prioritizes September submissions
 - Similar budgets expected
- AVP permission needed to submit more than two grant proposals per competition
- Adding Service Development Proposal
 - Goal is to create ongoing revenue
 - \$5K-\$50K requests
 - Previously funded through operations requests
 - Same eligibility rules
 - Cross core and new service lines emphasized
 - Not intended to expand cores or supplement equipment grants

ABRF Updates

- Reminder For 2024, FSM/CFA will pay for ABRF memberships for core staff who wish to utilize ABRF resources
 - More details at: <u>https://www.abrf.org/</u>
 - Email Andy if interested
 - If a group is interested in a topic to test out, create a viewing part

Topics

- □ Advocation
 - Include non bio technologies
- □ Core Management
- Publications
- □ Rigor Reproducibility and Transparency
- □ Spatial –omics
- □ Volume EM

Publication Tracking

Current tool based on authors / usage

- <u>https://tableau.northwestern.edu/#/site/OR/views/C</u> orePublicationTracking_2023/2023CorePublication Reporting
- Requires manual verification
- New tools coming online
 - RRID becoming widely adopted as persistent identifier for cores
 - Model / Instrument level RRID's can now be requested
 - AI based tools to look backward

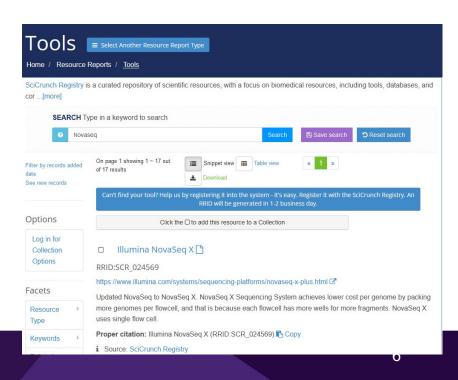
Next steps

- Update RRID for core / claim your core
- Determine which instruments need RRID's
- Define list of terms 10-20 that need should be searched along with RRID's (key S10, instrument names, SHyNE ...)
- NU requesting to beta test AI solution from UNC
 - Estimating near end of 2025
- Contact <u>Andy</u> if interested in pursuing.



SEARCH HELP ANNOUNCEMENTS

All Facilities >> Your search for: IMSERC in each profile found 2 core facilities		Perform Detailed Search Search DOWNLO
ntegrated Molecular Structure Education and Research Center (Major Instrumentation) RRID-SCR_017874	Northwestern University Evanston, IL 60208	Amino Acid Analysis, Assay Development, Assays and Measurements, Cell Last Imaging, Clinical Imaging - Small Anima (X-ray, Utrzaound, microCAT, MRI), Updated: Clinical Research Coordination/Scheduling, Clinical Trial Support, GC, Glycolipid Analysis, Hijchhoruphytis Screening, HPL, HRAM Mass Spectrometry, Lignin Analysis, Lipidomics, Mass Spectrometry, Metabolomics, Molecular Imaging, Nuclear Magnetic Resonance (MMR), Shared Instrumentation Oversight & Maintenance, Single Crystal X-ray Pattern Analysis, Small Melecule Compound Screening, Spectroscopy, Pattern Analysis, Untargeted Mass Spectrometry, X-Ray Crystallography, X-ray Diffraction and Scattering
Biological NMR Center	Northwestern University Evanston,	Last Update 06/20/7



NUcore Update

□ Cross Core Collaborations

August 24th Brown Bag from 2pm-3pm

□Save the date!

Email Andy with topics you would like to see

- More on publication tracking
- Contracts best practices
- Rigor, Reproducibility, and Transparancy