Welcome to the Research Cores Leadership Summit!
Help yourself to coffee and bakery.
The program will begin at 9:00 am.

Research Cores Leadership Summit Nov 5, 2019

Welcome to the Research Cores Leadership Summit!
Help yourself to coffee and bakery.
The program will begin at 9:00 am.

Program highlights in 2019
- over 120 cores across campus
- WiscCores Showcase (March 2019)
- BadgerConnect Research Fair (Oct 2019)
- Cores & Coffee discussions
- First Financial workshop (June 2019)
- Research Cores Directory revision
- Research Core Revitalization Program
  - internal competition opens today
  - upgrade, replacement or duplication
  - $50,000 – $300,000
  - applications due Feb 21, 2020
  - research.wisc.edu/funding/research-core-revitalization/

Research Cores Directory has a new look and improved search – upgrades ongoing...
resources.research.wisc.edu
123 cores & facilities
559 resources
430 services

Please test the search to optimize weights
search for < imaging >
29 cores & facilities
97 instruments
59 services

News from around the Cores
- Biotron & OVCGRG exploring options to phase out admin support ~ 18 months
- new cores include
  - AV Data Core
  - Wisconsin Center for NanoBioSystems
  - Data Science Hub (added)
- UW Optical Imaging Core has funding for 2 new light-sheet microscopy systems

Research Cores Leadership Summit
8:30 – 9:00 am Check-in and coffee & bakery
9:00 – 9:10 Introduction to Summit and Campus Cores
9:30 – 9:50 Rate and Operations Discussion and Reports
9:50 – 10:00 Coffee & bakery break
10:00 – 10:30 Introduction to Research Core Liaisons (3-min flash talks)
10:30 – 11:00 Open Questions and Discussion (large group)
11:00 – 11:20 Building communities 1 (small group discussions)
11:20 – 11:40 Building communities 2 (small group discussions)
11:40 – 12:00 pm Next Steps and Closing
Research Cores Leadership Summit

8:30 – 9:00 am  | Check-in and coffee & bakery
9:00 – 9:10  | Introduction to Summit and Campus Cores
9:10 – 9:30  | Does Your Rate Structure Really Matter?

Jerry Hunter, Wisconsin Centers for Nanoscale Technology

9:30 – 9:50  | Rate and Operations Discussion and Reports

10:00 – 10:30  | Coffee & bakery break

10:30 – 11:00  | Introduction to Research Core Liaisons (3-min flash talks)
11:00 – 11:20  | Open Questions and Discussion (large group)
11:20 – 11:40  | Building communities 1 (small group discussions)
11:40 – 12:00  | Building communities 2 (small group discussions)
12:00 – 1:00  | Next Steps and Closing

### MADISON BUDGET OFFICE *
Suzanne Schlecht, Senior Accountant

- Rate setting
- Uniform Guidance
- Billing
- Fund 136 questions
- Best practices
- Finance
- Accounting

*formerly Auxiliary Operations Analysis

### Resource & Support for Cores
- In partnership with Isabelle Girard at OVCRAE
  - Cores First Financials workshops
  - Individual outreach
  - Advice
  - Questions
  - Cores Coffee Crew presentations
- Goal is to lend a hand with the business side so Cores can focus on the science
- Here to help!!

### Core Software Support
Matthew Edwards

Core Information System Support
11/5/2019
Why iLab?

iLab is a web-based solution designed to assist with the following:

- Request for service management
- Reporting
- Invoicing
- Milestone management
- Equipment and service usage tracking
- Provide one platform for customers – 1200 active users in the last 12 months!

Why iLab?

- Maximized use of core facilities
- Access multiple services from one system
- Facility use easily monitored
- Live service calendars
- Consistent, Accurate and Timely Billing
  - Standard format
  - Time to bill improved from 5 months to 1, No lost billing
  - Easily accessible records, Best for accounting audits
- Time Savings
  - Mark McClintock:
    - saw a 5 fold decrease in time spent validating account numbers and submitting Jet bills
  - SR Leadership:
    - 10 fold decrease in time spent scheduling, tracking and reporting on usage
    - 2 fold decrease in time spent on invoice prep.

Benefits for UWCCC:

- Reporting capabilities
- Increased and centralized
- Easily generate reports on usage for CCSG and S10 Grants
- Helps users estimate costs for their grant applications, reports, etc
- Bottom line
  - iLab has been a solution for the scheduling and billing issues SRs face
  - Reporting capabilities assist with grant writing, reporting and strategic planning

Office of Business Engagement

Amy Achter

Office of Business Engagement

UW Research Core Leadership Summit
November 5, 2019

Office of Business Engagement

- The Mission of OBE is to create opportunities for return on investment by leading mutually-beneficial relationships between businesses and UW-Madison.
- OBE operates as a comprehensive office for corporate partnerships and is promoted as the point of entry for businesses seeking to engage with UW
- OBE works across all schools, colleges, consortium, institutes, research centers, etc.
- OBE fosters collaboration and communication through regular meetings with internal constituents including RSP, WFAA, WARF, Career Services, Continuing Education and Marketing
What's Keeping Our Partners Up at Night?

- War for talent
- Professional & Technical Development
- Retaining and attracting a diverse and inclusive workforce
- Innovation/Rate of Change
- Balancing R&D

How OBE Works with our Partners

- Identify the right starting point
- Establish shared goals with mutual benefits
- Ensure alignment & clear expectations
- Lead ongoing discussions about new opportunities
- Develop joint strategies
- Manage communications

Research & Sponsored Programs
Bob Gratzl

What We Do

- Proposal, Agreement Processing, Account Setup, Invoicing, Collections
- Confidentiality, Material Transfer, Data Sharing
- Only handles the agreements themselves, not the financial elements (budgeting, invoicing, etc.)

Processing Agreements

- Negotiation and signature of the agreement to do research or a service for an outside party
- Guided by University Policy, Regent Policy, State of Wisconsin Statutes, and Federal Rules
- UW is heavily funded by federal dollars; keep an eye on them to make sure we don’t run afoul of federal regulations
- Focus on what the sponsor wants and what we can give
  - Confidentially, ownership of results, access to background and foreground intellectual property, etc.
A core facility provides training, services, or access to specialized equipment. A core facility is generally under the oversight of a PI or department and has personnel dedicated to performing core procedures, coordinating use of the facility, training users, and overseeing the facility.

Karen Demick
Core Liaison
Office of Biological Safety

The Core Liaison is responsible for providing guidance, risk assessment and support to the UW-Madison research community regarding biologicals used in core facilities. The duties include but are not limited to:

- Review Bio-ARROW protocols for core facilities
- Serve as the primary point of contact for core facilities with Bio-ARROW protocols, core facility PIs and for the UW-Madison Director of Campus Research Cores
- Provide input related to institutional policy, memorandums of agreement and guidance related to research activities in core facilities

Karen Demick, RBP
Risk Management Specialist, Senior
30 East Campus Mall
Madison, WI 53715
karen.demick@wisc.edu
608-263-9026

Office of Biological Safety
Environment, Health & Safety
30 East Campus Mall
Madison, WI 53715
biosafety@fpm.wisc.edu
608-263-2037
www.ehs.wisc.edu/biosafety
**WHAT WE DO**
- Administer the animal care and use committees (IACUCs)
- Provide support for people writing and accessing IACUC protocols
- Provide hands-on and online training for people who work with research animals
- Conduct compliance activities surrounding animal research (reporting, inspections, etc.)
- Provide veterinary care for all research animals (except WNPRC, but we collaborate)
- Provide necropsy, pathology and histology services
- Provide disease surveillance for animal facilities
- Provide drugs and supplies to researchers and facilities through our two pharmacies

**WHO WE WORK WITH**
- PIs and lab members
- Animal facility staff and management
- Department administrative staff
- Environment, Health and Safety staff
- University Health Services staff
- Research and Sponsored Programs staff
- Core managers and staff for cores that work with live animals

**VETERINARY PATHOLOGY**
**Pathology**
- Necropsy and biopsy
- Clinical lab testing
- Rodent disease surveillance
- Environmental monitoring
- Consulting pathology
- Histology
- Cell line authentication and sterility testing
- Tissue collection training

**ANIMAL TRAINING**
**Training**
- Species-specific training
- Technique training
- Specialized procedure training
- Rodent stereotaxic surgery
- Rodent perfusion
- Microsurgery – castration, ovariectomy, nephrectomy, etc.
- Animal behavior and low-stress handling
- Equipment loans

**OTHER SERVICES**
- Small and large animal pharmacies
- Help with preparing labs or animal facilities for inspections
- Rodent analgesia services
- Veterinary services for research procedures
- Help with IACUC protocols
- Grant-protocol congruence

**Research Data Services**

**Tobin Magle**
Data Science Hub
Sarah Stevens

“Empowering people to better design and tackle data-rich research projects”

http://hub.datascience.wisc.edu/

Training

• Learn tools to make your computational work easier!
• R, Python, SQL, Git, OpenRefine and more
• ~10 workshops a year
• https://hub.datascience.wisc.edu/training/

Data Science Research Bazaar

Skills Sharing, Digital Literacy, Collaboration

• Save the date! Jan 24-25, 2020
• https://hub.datascience.wisc.edu/research-bazaar-madison-wi-january-24-25-2020/
• Call for submissions out now!
• Registration opens Nov. 1st
• See how you can help sponsor this event
Consultation / Office Hours / Community

- Open Coding Lab (Tues 2:30-4:30p Steenbock Biocommons)
- Office Hours (Thursday 2:30-4:30p Hub Central Discovery Bldg)
- Sign up for our newsletter!
  - hub.datascience.wisc.edu/newsletter
- Individual Consultation with Facilitator
  - Email contact@datascience.wisc.edu

Research Cyberinfrastructure

An integrated, robust, secure, and evolving ecosystem of resources that underpins the work of all researchers.

- Secure systems for storing data, open platforms for sharing, tools for collecting, documenting, and managing it over its lifecycle
- Elastic, diverse resources on campus and in the cloud, that can be customized, scaled, and quickly deployed for a wide variety of data types and research scenarios

Underlying these:
- Human support
- Training & Education
- Financial Models
- Easy Access
- Network Architecture

ResearchDrive

- On premise file storage
- For faculty PIs, permanent PIs, and research group members
- For backup, archive, storage of data, inputs/outputs of research computing, etc.
- Secure and permanent
- 5 TB/PI at no cost

Roadmap

- Beta Testing
  - Fall, 2019
- Early adaptors, non-restricted data
  - December, 2019
- Restricted data
  - Early, 2020

Other DoIT projects

- Refresh CCI (Campus Computing Infrastructure) offerings
  - Updated private cloud capabilities
  - Expanded connectivity to public cloud services
  - Support for containers (Kubernetes)
  - HIPAA compliance

- Next Generation Network
  - Expanded capacity for research flows
  - Support for IoT and remote sensors/devices
  - Secure architectures

OVCRGE Communications

Natasha Kassulke
Communications Tool Kit

- Tell a story – find the humans
- Think about visuals
- Know your local communicator
- Website
- Ucomm
- Newsletters, magazines, blogs
- List serves, social media
- Libraries
- Calendars, monitors
- Register as an expert
- Host tours, open house
- Provide training and workshops
- Event, present
- Displays
- Advertise