UNC Core Directors Meeting
December 13, 2022

Ben Wright

Research Core Development

Office of Sponsored Programs

Research Core Development

OSP Research Core Development Inbox
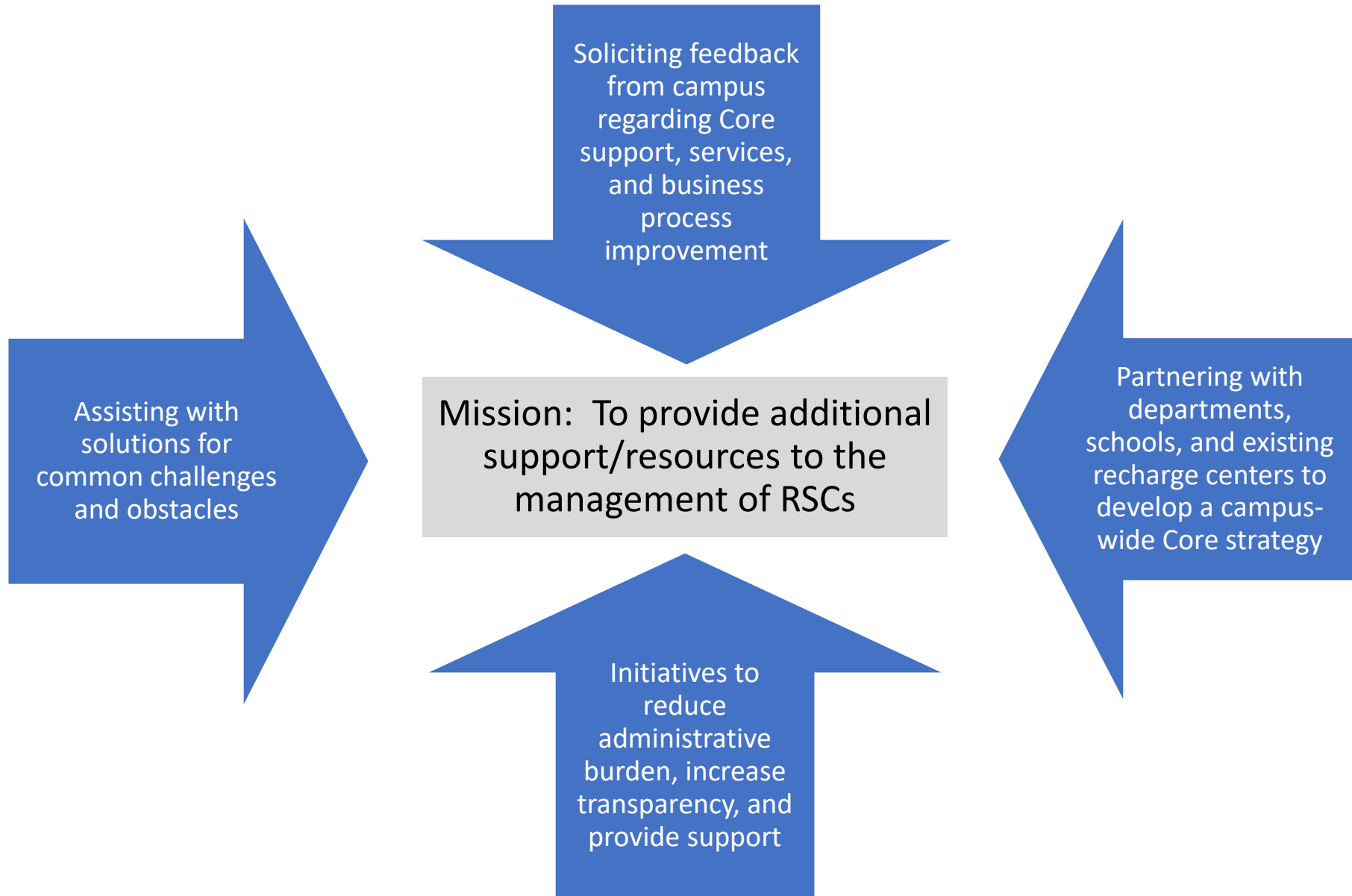RCD@unc.edu

Ben Wright
BWright1@email.unc.edu

Poll Question

What is your position?

- Core Director
- Core Staff
- Core Administration
- Department Administration
- Department Leadership
- School/College Leadership
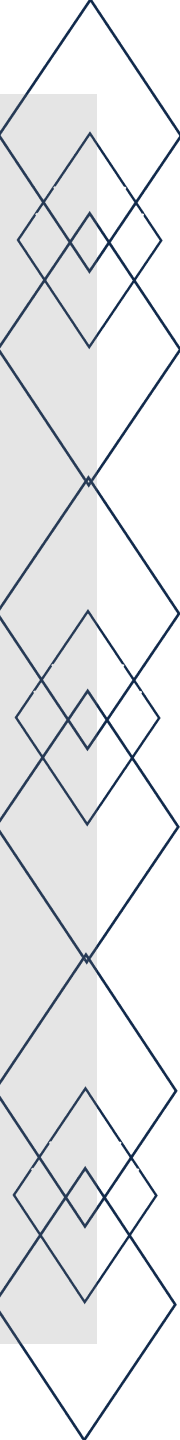- Central Office Administration

Research Core Development

Soliciting feedback from campus regarding Core support, services, and business process improvement

Assisting with solutions for common challenges and obstacles

Mission: To provide additional support/resources to the management of RSCs

Partnering with departments, schools, and existing recharge centers to develop a campus-wide Core strategy

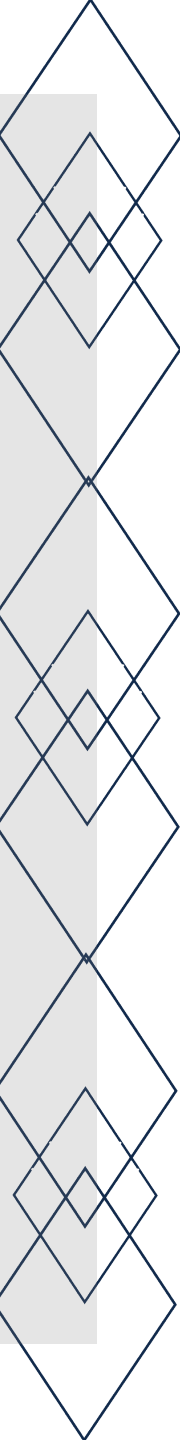Initiatives to reduce administrative burden, increase transparency, and provide support

RSC Rate Reviews

News and Updates

- o Smartsheets
  - External component coming soon

- o Assistance with rate review process/documents
  - Feel free to reach out!

- o New Operating Plan Template coming soon

- o RSC Invoice Review process
  - Developed for minimal additional burden

- o Improvement in turnaround/response times

iLab Administration

Administrative support of iLab transitioning from SOM to VCR/OSP

Core Support Inbox
coresupport@med.unc.edu

If interested in joining iLab, please reach out
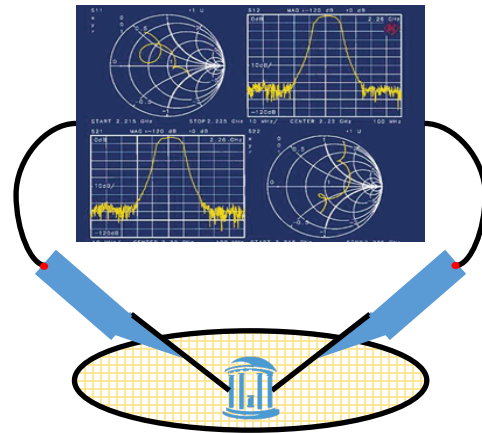
Engineering Innovations Lab - EIL

Mission: Provide innovative engineering expertise to support grant funded research, educate and train students using curricular and co-curricular methods, expand technological capabilities to complement cutting-edge research, and build collaborations across Chemistry, UNC, and the external research community.

ELECTRONICS DESIGN LAB

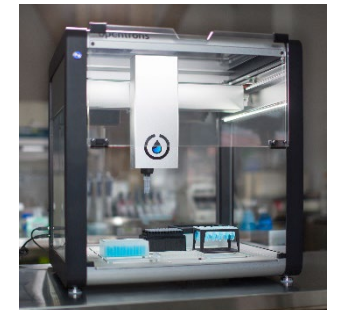## Nano-Device Characterization Lab

DataSpace

A MakerSpace for Data

CARL
Chemistry Automation And Robotics Lab

CHEMICAL RESEARCH
INSTRUMENTATION
TEACHING
&CORE
LABS

CRITCL
- Engineering Innovations Lab -

Repair & Maintenance Services

Contacts:

Collin McKinney   Matt Verber
collin@unc.edu   mverber@ad.unc.edu

Regent Joubert
Joubert@email.unc.edu

Repair of Scientific Instruments:

- <u>Common scientific devices:</u> Hot plates, stirrers, rotavaps, centrifuges, pipettors, ovens, water baths, ultrasonicators, UV lamps, arc lamps, 96-well plate heater/coolers, incubators, sensors, etc.

- <u>Medium-complexity devices:</u> Power supplies, temperature, pressure, vacuum, and mass flow controllers, titrators, etc.

- <u>High-complexity devices:</u> Mass spectrometers, NMR spectrometers, gas chromatographs, spectrophotometers, HPLC systems, fluorometers, laser systems, autosamplers, etc.

- <u>General and administrative devices:</u> Projectors, LCD monitors, audio systems, etc.

Instrument Maintenance:

- Periodic/preventative maintenance

- IQ/OQ performance verification

- On-site troubleshooting with sophisticated measuring instruments (oscilloscopes, spectrum analyzers, noise analyzers, etc.)

- Calibration to manufacturer's specifications

Instrument Management:

- Assistance with installation of new instruments – site preparation, determination of power requirements, and interfacing with UNC facilities

- Contribution to decision-making regarding upgrade/replacement or purchase of new instrumentation

- Interface with instrument manufacturer regarding troubleshooting/debug/repair prior to manufacturer providing replacement parts or sending a field engineer

Financial Reporting Tools

- Creating reports and dashboards within Tableau
  - Quickly review revenue, expenses, and balances
- Access will be based on core
  - Business Managers will have access to all applicable cores
  - Department/Center/School staff will also have access
- Dashboards for convenience and visibility
  - "One-stop shopping"
- Roll-out early CY2023

Research Core Development Webpage – Now Live!

https://research.unc.edu/sponsored-programs/resources/research-core-development/

Hosted by Office of Sponsored Programs

Includes contact information, resources, FAQs, suggestion box

Research Core Agreements portal

Research Core Development Webpage

Research Core Agreements Portal

For submission of agreements with external users/clients

- Request New Template

- Submit an agreement

- Submit update request

- Submit change request

Equipment

Gain information about equipment/assets held across all cores at UNC

Maintenance Agreements – working with UNC Purchasing Services to identify opportunities

Equipment and services database to improve marketing, increase purchasing power, realize discounts, and lower costs

Upcoming Workshops

<u>External Sales Reserve</u>

January and April 2023

<u>Quality Audits of Cores:
Awareness and Preparedness</u>

February 2023

Questions?

Contact Us!

OSP Research Core Development Shared Inbox

RCD@unc.edu

Ben Wright

BWright1@email.unc.edu