



CENTER FOR  
FACULTY EXCELLENCE

# Introduction to Research Support at Carolina

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## **CFE Faculty Foundations 2021**

Darin Knapp, Center for Faculty Excellence  
Nathan Blouin, Office of Research Development  
Amanda Chang, Office of Sponsored Research  
Rocky Riviella, Odum Institute  
Susan Pusek, NCTraCS  
Jacqueline Solis, UNC Libraries

# Objectives

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- To describe research development resources available to UNC faculty (e.g., proposal development, grant administration, electronic/digital support, data management)
- To identify who to contact for specific needs and questions related to research development

# Why UNC's Strategic Focus on Research?

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- Economic impact
- Social impact
- Environmental impact
- Cultural impact
- Health impact
- Educational impact

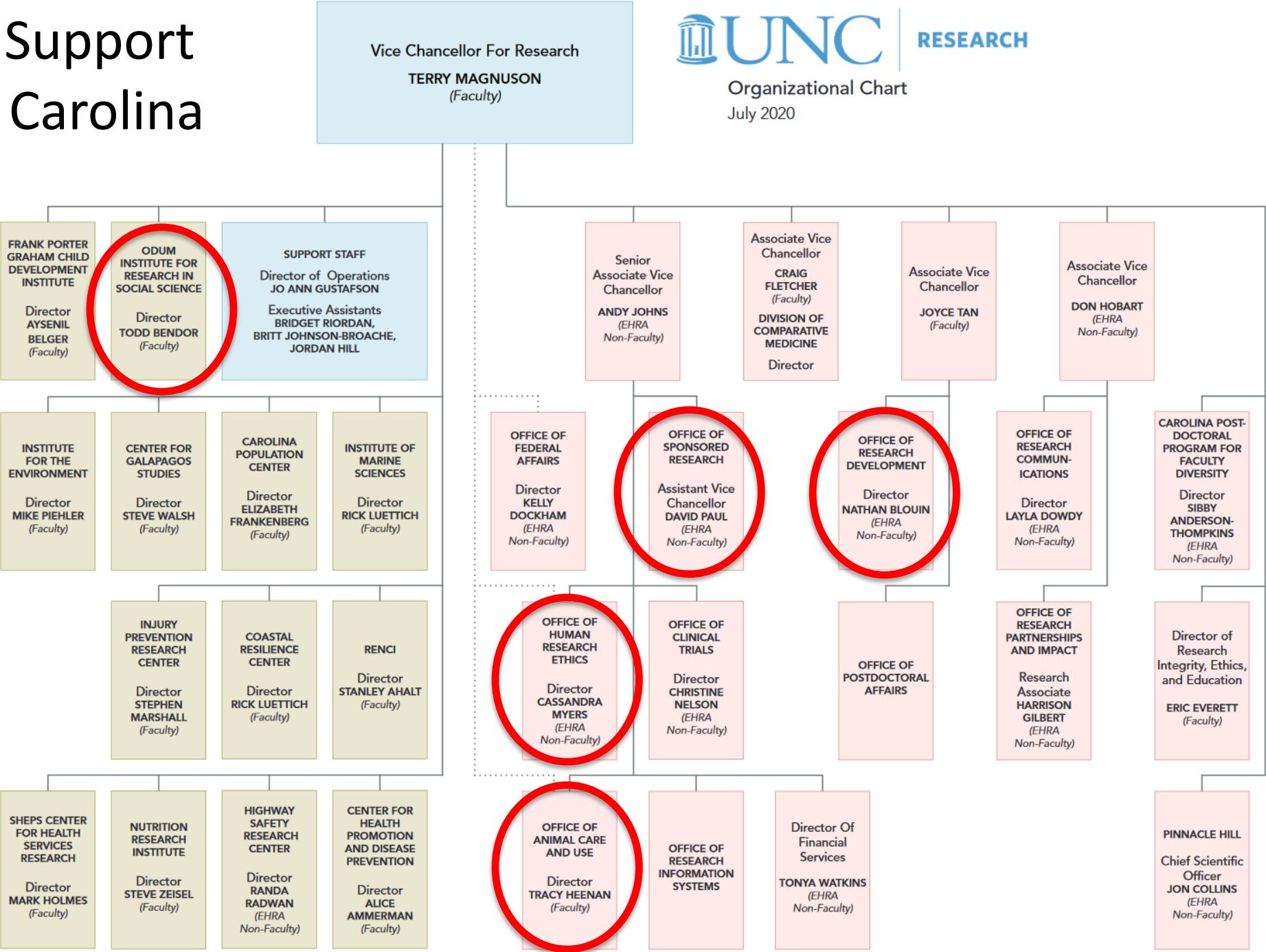
# Culture of Research

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A culture of research provides a supportive context in which research is

- Expected
- Discussed
- Produced
- Valued

# Research Support System at Carolina



OFFICE OF THE EXECUTIVE VICE  
CHANCELLOR AND PROVOST

Organizational Chart  
Effective: January 2, 2020

Research Support  
System at Carolina

**Jaqueline Solis, Director of  
Research & Instructional Services**

**Nera Llamas**  
AUL Collections, Strategy and Services

**Elaine Westbrooks**  
Vice Provost and University Librarian

**Steve Farmer**  
Vice Provost for Enrollment and Undergraduate  
Admissions

**Rachelle Feldman**  
Associate Provost and Director, Office of  
Scholarships and Student Aid

**Lauren DiGrazia**  
Assistant Provost and  
University Registrar

**Michelle Brown**  
Assistant Provost and Director, Academic  
Support Program for Student-Athletes

**Michael Barker**  
Interim Vice Chancellor for Information  
Technology and Chief Information Officer

**Terry Magnuson**  
Vice Chancellor for Research

**Jonathan Sauls**  
Interim Vice Chancellor for Student Affairs

**Becci Menghini**  
Interim Vice Chancellor for Workforce  
Strategy, Equity and Engagement

**Judith Cone**  
Vice Chancellor of Innovation, Entrepreneurship,  
and Economic Development

**Terry Rhodes**  
Interim Dean, College of Arts & Sciences

**Doug Shackelford**  
Dean, Kenan-Flagler Business School

**Fouad Abd El-Khalick**  
Dean, School of Education

**Michael Smith**  
Dean, School of Government

**Susan King**  
Dean, School of Media and Journalism

**Gary Marchionini**  
Dean, School of Information and  
Library Science

**Martin Brinkley**  
Dean, School of Law

**Gary Bowen**  
Dean, School of Social Work

**Suzanne Barbour**  
Dean, The Graduate School

**Jan Yopp**  
Dean, Summer School

**Scott De Rossi**  
Dean, School of Dentistry

**Wesley Burks**  
Dean, School of Medicine

**Nilda Peragallo Montano**  
Dean, School of Nursing

**Angela Kashuba**  
Dean, Eshelman School of Pharmacy

**Barbara Rimer**  
Dean, Gillings School of Global Public  
Health

**Susan Pusek, Director of  
Education Programs, NCTraCS**

**Ron Strauss**  
Executive Vice Provost

**Rick Wernoski**  
Senior Vice Provost for  
Business Operations

**Lynn Williford**  
Assistant Provost and Director, Office of  
Institutional Research and Assessment

**Giselle Corbie-Smith**  
Associate Provost for Rural Innovation

**Lachonya Williams**  
Assistant Provost for Academic Personnel

**Meg Zomorodi**  
Assistant Provost for Interprofessional  
Education and Practice

**James Moeser**  
Interim Director, Carolina Performing Arts

**Erin Malloy, Director**  
Center for Faculty Excellence  
• Research (DJK)  
• Leadership  
• Teaching and Learning  
• Mentoring

**Barbara Stephenson**  
Vice Provost for Global Affairs and Chief Global  
Officer

**Raymond Farrow**  
Associate Provost for Global Affairs

**Todd Nicolet**  
Vice Provost for Digital and Lifelong  
Learning

**Debbi Clarke**  
Associate Provost for Strategy and Special  
Projects

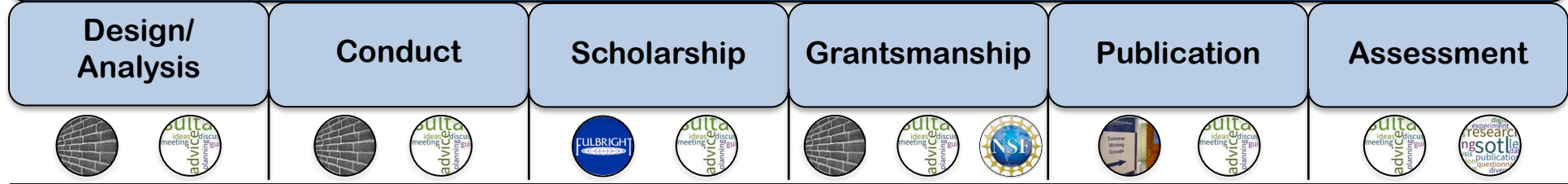
**Barron Matherly**  
Assistant Provost for Finance



CENTER FOR  
FACULTY EXCELLENCE

# CFE Research & Writing Support for Faculty

## RESEARCH AT CAROLINA



**Research Foundations  
Workshops**



**Fulbright Scholars  
Support**



**SWG**



**NSF CAREER  
Writing Series**



**SoTL Learning  
Community**



**Research/Writing  
Consultations**

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**Contact me with your thoughts about research programming needs.**

Darin Knapp

[darin\\_knapp@med.unc.edu](mailto:darin_knapp@med.unc.edu)





# RESEARCH DEVELOPMENT

at the University of North  
Carolina at Chapel Hill

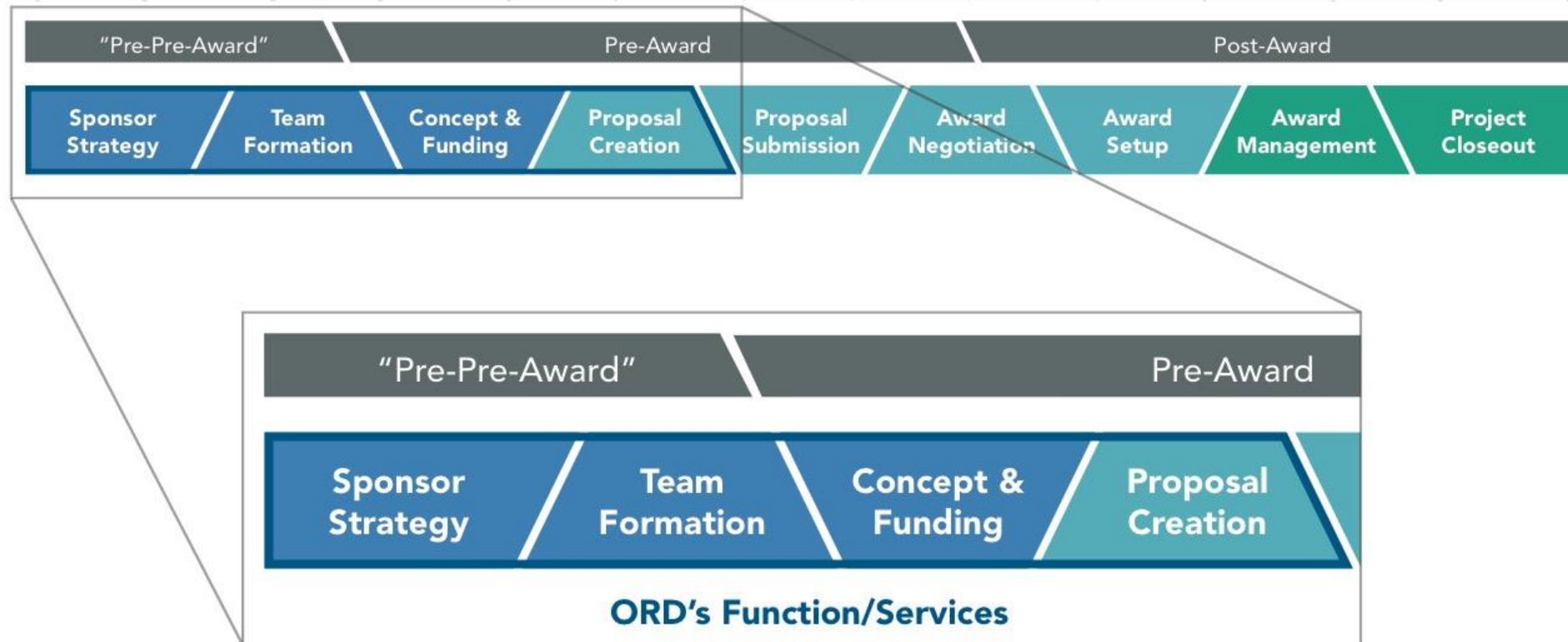
*Spring 2021 Update*

ORD'S MISSION

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# GROWING *the* RESEARCH ENTERPRISE *at* CAROLINA

# WHAT IS RESEARCH DEVELOPMENT?



## ORD – Programmatic Updates

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1. FUNDaamentals
2. Limited Submissions and Awards Management System
3. Large and Complex Proposal Development Support



# FUNDAMENTALS

Office of Research Development



# FUNDAMENTALS

Office of Research Development



*This monthly newsletter provides researchers with updates related to extramural funding, on-campus research development and other timely information in support of Carolina's research enterprise*

## Contents:

- [Reminder: 2021 Arts & Humanities Grant Program](#)
- [Reminder: Publication Grants](#)
- [Tips, Tools, and Training](#)
- [Meetings from Around Campus](#)
- [Early Notice - NIH Concept Clearances and NSF Dear Colleague Letters](#)
- [Limited Submission & Award Opportunities](#)
- [Research Development for Postdocs](#)
- [News you can use](#)
- [Interest Survey](#)
- [ORD Consultations](#)

### **Early Notice - \*New\* NIH Concept Clearances and NSF Dear Colleague Letters**

NIH Institute Councils meet three times a year. The public-access portion of these council meetings includes the presentation of concepts to be cleared by the Council for writing into a funding announcement. Thus, **concept clearances** are the earliest notice of NIH interest in a new topic format.

NIH Institutes held council meetings last month and through February. Some have posted their meeting minutes and accompanying concept clearances; others have either not yet met or have met but not posted meetings. [Click here](#) for comprehensive Committee Meeting Schedules. Below are titles of approved concepts:

**CC - Council met 1/29:** Minutes not yet available but several concepts were on the agenda with full presentations at the link:

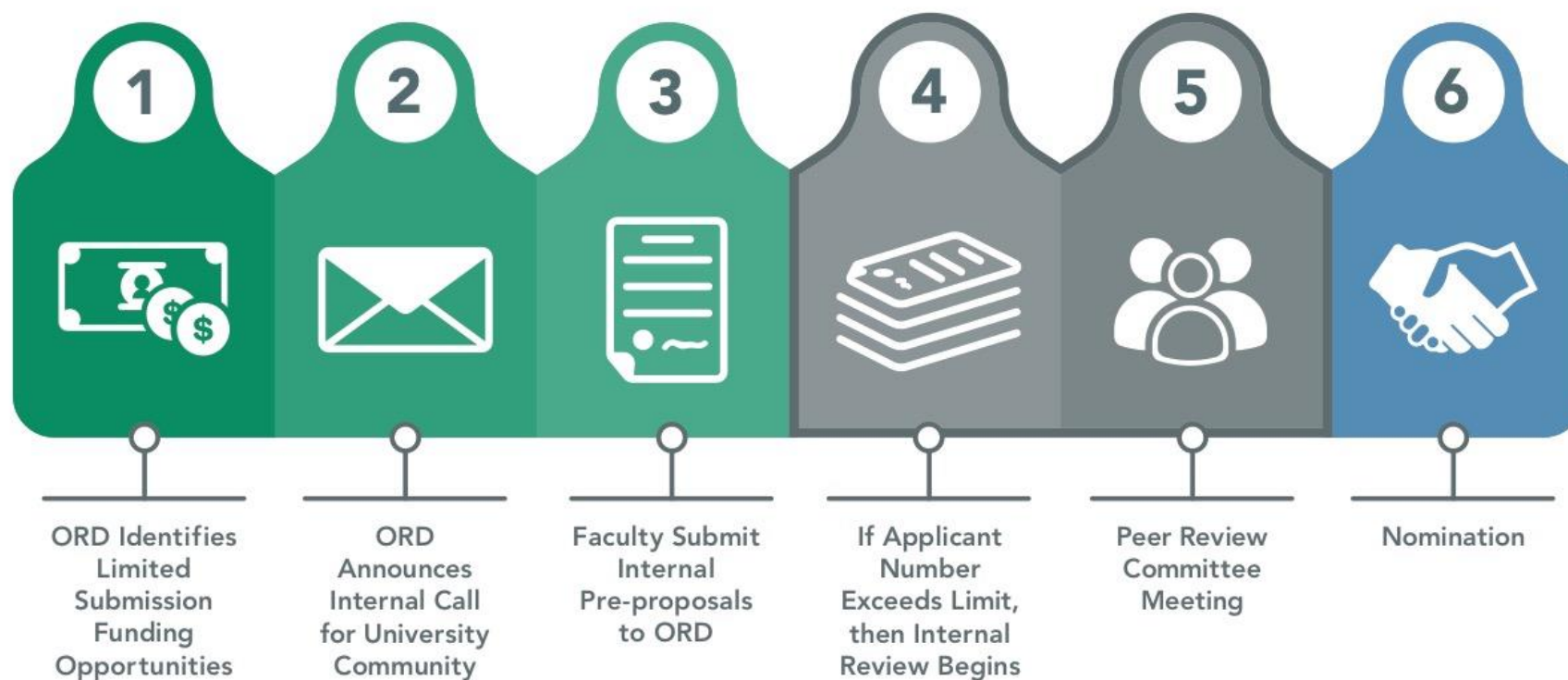
- Common Fund Concept Clearance: Illuminating the Druggable Genome (IDG) - Cutting Edge Informatics Tools FOA (reissue)
- Common Fund Concept Clearance: Stimulating Peripheral Activity to Relieve Conditions (SPARC) Stage 2
- OBSSR Concept Clearance: Reissue R25 Short Courses on Innovative Methodologies and Approaches in the Behavioral and Social Sciences
- NIH Concept Clearance: Firearm Injury and Mortality Prevention Research

**NIA - Approved concepts this round**

- Data enhancements and analyses to clarify the relationship between education and cognitive function [including Alzheimer's disease/Alzheimer's disease related dementias (AD/ADRD) and dementia]
- Data management coordinating center (DMCC) and a collaborative research space for translational research on exceptional longevity (EL)



# UNC UNIVERSITY LIMITED SUBMISSIONS PROCESS FLOW CHART



Questions? Email [Limited\\_Submissions@unc.edu](mailto:Limited_Submissions@unc.edu)

**\*New\***

# Limited Submissions Management System

**Internal Competitions Management** @ UNC-Chapel Hill

HOME ADMIN GENERAL MANAGEMENT REPORTS LOGOUT

Logged in as Nathan Blouin (Admin)

Click here for Help!

My Opportunity Submissions

New Forms: 0

Submitted: 0

Returned: 0

Completed: 0

Approver Inbox

Pending Approvals: 0

Recent Approvals: 0

Welcome to the Limited Submissions, Awards, and Internal Funding Management System

Use this application to find and submit limited submission and award opportunities, as well as some internal funding opportunities.

When you find the right opportunity, make sure you :

- » Create an opportunity submission form,
- » Provide the required information, and
- » **Submit the form by the Submission Deadline date!**

Listing of Active Opportunities

Click on the Opportunity Name to learn more!

INT DEADLINE	EXT DEADLINE	OPPORTUNITY NAME	OPPORTUNITY DESCRIPTION
03/16/2021	05/01/2021	The American Honda Foundation 2021 Grant	The American Honda Foundation engages in grant making that reflects the basic tenets, beliefs and philosophies of Honda companies, which are characterized by the following qualities: imaginative, creative, youthful, forward-thinking, scientific, humanistic and innovative. The Foundation supports youth education with a specific focus on the STEM (science, technology, engineering and mathematics) subjects in addition to the environment.
03/29/2021	05/04/2021	NIH Human Immunology Project Consortium (HIPC) (U19 Clinical Trial Optional)	This Funding Opportunity Announcement (FOA) for the Human Immunology Project Consortium (HIPC) solicits applications from single institutions or consortia of institutions to participate in a network of human immunology profiling research groups in the area of infectious diseases, including HIV.
04/07/2021	07/08/2021	New Chemistries for Un-drugged Targets through A Specialized Platform for Innovative Research Exploration (ASPIRE) Collaborative Research Program	This Funding Opportunity Announcement (FOA) aims to promote partnerships between NCATS intramural investigators (e.g., those conducting research within the labs and clinics of NCATS) and extramural investigators (e.g., those conducting research in labs and clinics outside of the NIH). Specifically, the FOA will provide support for extramural investigators to take advantage of the unique research opportunities available at the NCATS ASPIRE Laboratory within the NCATS Division of Pre-clinical Innovation (DPI), and develop innovative ASPIRE modules that will facilitate identification of novel chemical entities targeted towards currently undrugged biological space.

[Documentation and User Guides](#)



# Large and Complex Proposal Support

## Proposal Development Tracks

Strategy and support from ideation through re-submission



1

### *Idea to a Plan*

Start with an inkling. End with a plan. This plan includes a one-page summary, resource list, and target funding source or funding search set up.



2

### *Resource and Team Development*

Start with a one-page summary or other well-developed idea and target funding source. End with a project development plan that leverages UNC internal or external resources.



3

### *Project Management Structure for PI-directed Project*

Start with a project summary and funding source identified. End with a toolkit and plan for preparing and submitting the proposal with minimal support from ORD.



4

### *Full-Service Proposal Support*

Start with a project summary, funding opportunity identified, and resources identified. End with a complete, compliant, and strategic proposal. Open to large-scale (\$1,000,000+ and/or multi-PI) proposals, limited submission/award winners, and ORD major internal funding winners.



5

### *Proposal Optimization*

Start with a complete, pre-submission proposal or re-submission. End with a better shot at funding.

## ORD Internal Development: In the Pipeline:

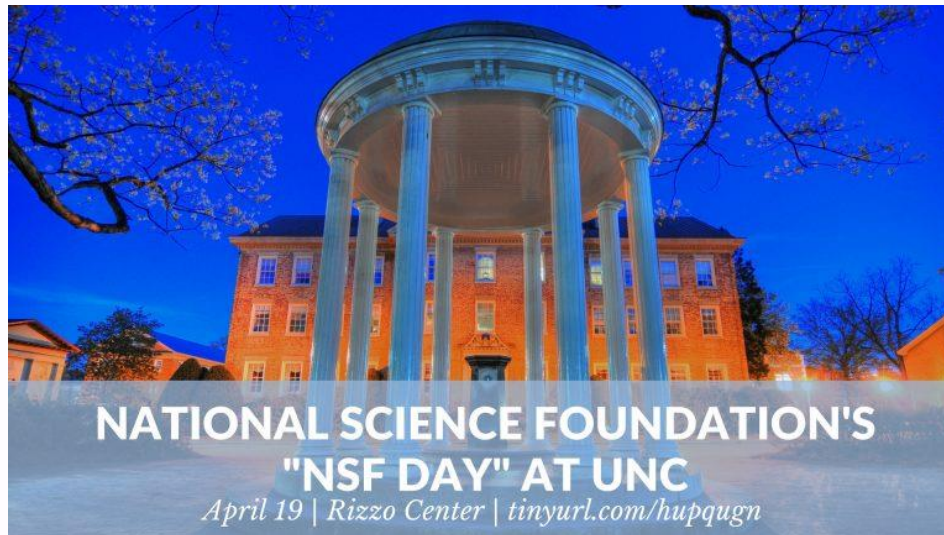
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1. Website update/upgrade
2. Communication strategy overhaul
3. Growing intramural and extramural connections
4. Expanding services with equity in mind
  1. Tips, tools, and training sessions
  2. Open office hours

# ENGAGING WITH PARTNERS

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Promoting UNC's relationship with federal funding sponsors



Jonathan Hollander, Ph.D.



National Institute of Environmental Health Sciences  
*Your Environment. Your Health.*

# ENGAGING WITH PARTNERS

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Coordinate with partner UNC system and other NC campuses to facilitate connections.



THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL



**NC STATE**  
UNIVERSITY

# QUESTIONS?

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Contact:  
[research.unc.edu/research-development](https://research.unc.edu/research-development)  
[ord@unc.edu](mailto:ord@unc.edu)





# Introduction to Research at Carolina

## Office of Sponsored Research (OSR)

Amanda Chang – Director of Operations



August 9/10, 2021

# Outline

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- Overview of Office of Sponsored Research
  - Research Administration Services
  - Sponsored Projects Accounting Services
  - Other Services
- Resources

# OSR Business Units

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## PROPOSAL

- Review
- Submission

## AWARD

- Negotiation
- Set-Up
- Management



## FINANCIAL

- Cash Mgmt
- Billing
- Reporting

## AWARD

- Closeout



## COMPLIANCE

- Effort  
Reporting
- Pre/Post Audit

## COSTING

- F&A Rates
- Recharge  
Centers



## SUPPORT

- [ResAdminOSR](#)
- [OSRBilling](#)
- [Website](#)
- Communication
- Training



# Research Administration (RA): Teams

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Teams 1-6 support assigned Dept; Sponsored Projects Specialists:

- ❑ Proposal Review & Submission
- ❑ Award Negotiation, Compliance Review, Risk Analysis, Award Acceptance, and Set-up
- ❑ Post-Award Administration
  - Award Modifications – No Cost Extensions, PI Changes
  - Prior Approval Requests
  - Budget Revisions

# RA: Contracting (Industry)

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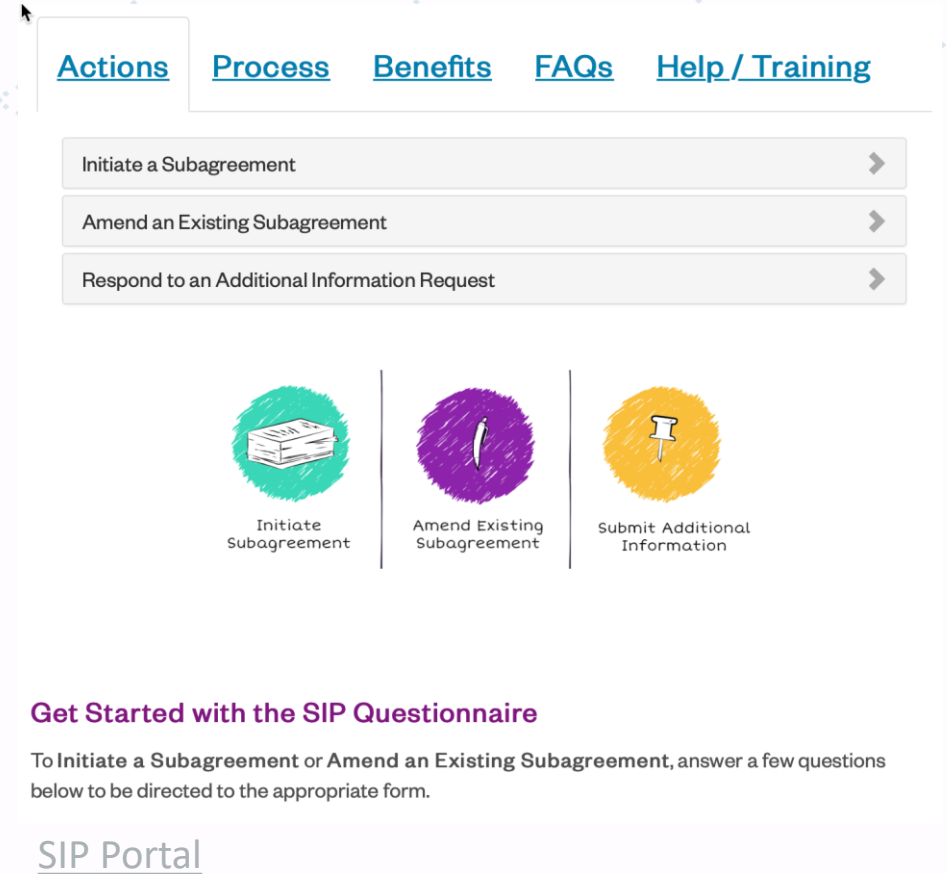
## Contract Managers for both clinical and non-clinical

- ❑ PI Initiated
- ❑ Subsite Agreements
- ❑ Industry Standard Research Agreements
- ❑ Data Use Agreements
- ❑ Confidentiality Agreements
- ❑ Core Recharge Agreements
- ❑ Master Agreements
- ❑ Industry Clinical Trials

# RA: Contracting (Subwards)

## Outgoing Subaward Team

- Documentation and Drafting
- Subrecipient Risk Analysis
- Agreement Negotiation and Execution



The screenshot displays the SIP Portal interface. At the top, there are navigation links: [Actions](#), [Process](#), [Benefits](#), [FAQs](#), and [Help / Training](#). Below these links, there is a list of actions with right-pointing chevrons: "Initiate a Subagreement", "Amend an Existing Subagreement", and "Respond to an Additional Information Request". Further down, there are three circular icons with corresponding text: a teal icon with a book for "Initiate Subagreement", a purple icon with a pen for "Amend Existing Subagreement", and a yellow icon with a pushpin for "Submit Additional Information". At the bottom, there is a section titled "Get Started with the SIP Questionnaire" in purple, followed by the text: "To Initiate a Subagreement or Amend an Existing Subagreement, answer a few questions below to be directed to the appropriate form." and a link to the "SIP Portal".

# Sponsored Projects Accounting

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- Data Management: Enters awards into Research Systems
- Billing / Invoicing
- Financial Reporting
- Cash Management: Accounts Receivable, Collections
- Closeout Management

# Cost Analysis and Compliance

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- Effort Reporting
- F&A Cost Analysis
- Research Service Center Rate Support
- Supports both internal/external Audits
- Subrecipient monitoring in conjunction with RA Subaward Team

# Operations

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- Manage intake for all general email inboxes
  - [ResAdminOSR@unc.edu](mailto:ResAdminOSR@unc.edu): all proposal/award requests
  - [OSRBilling@unc.edu](mailto:OSRBilling@unc.edu): billing/invoicing, financial reporting
  - [OSRReporting@unc.edu](mailto:OSRReporting@unc.edu): final invention statements
- ServiceNow support for research financial systems
- Training and Communications
- Annual Symposium for Research Administrators

# Resources

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## Office of Sponsored Research Website:

- [Award Lifecycle](#)
- [Information Sheet](#)
- [Roles & Responsibilities Matrix](#)
- [Science & Security Guidance](#)
- [COVID-19 Guidance](#)
- [Frequently Asked Questions](#)

Questions? Email - [OSRCommunications@unc.edu](mailto:OSRCommunications@unc.edu)

# Data Management and Archiving, Scientific Reproducibility, and Open Science at the Odum Institute for Research in Social Science

Rocky L. Riviella ■ Managing Director | ([riviella@email.unc.edu](mailto:riviella@email.unc.edu))



**ODUM INSTITUTE FOR  
RESEARCH IN SOCIAL SCIENCE**





# Who we are: The Odum Institute

- Founded in 1924 by Howard W. Odum
- Oldest university-based interdisciplinary social science research institute in the U.S.
- *Celebrating 97 years of service*

# The Odum Institute for Research in Social Science

Our mission is to foster groundbreaking social research that improves the lives of people in North Carolina and around the world.

Our goal is to advance rigorous and reproducible research across the data, social, and health sciences, while building collaborative, trans-disciplinary research networks.



<https://endeavors.unc.edu/a-father-for-social-science/>

# The Odum Institute for Research in Social Science



Planning



Collection



Analysis



Dissemination

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Services and Support Throughout the Research Lifecycle

What type of support do you, as a new faculty member,  
need?

# The Odum Institute for Research in Social Science



Planning



Collection



Analysis



Dissemination

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Grant Proposal Assistance

Data Management Planning

Methods Training

Research Question Development

Statistics Software Training

# The Odum Institute for Research in Social Science



Planning



Collection



Analysis



Dissemination

**1,609**

Trainees

2020 calendar year

**706** Odum Institute Short Courses

**543** Qualitative Research Summer Intensive

**190** Data Matters

**78** Certificate in Survey Science (formerly Survey Methodology)

**92** Inter-university Consortium for Political & Social Research

# The Odum Institute for Research in Social Science



Planning



Collection



Analysis



Dissemination

Survey Methodology

Focus Group Administration

Data Discovery

Qualtrics Support

Web Scraping

Instrument Design

Transcription

**15,000+** users (2018-2020) **1.3M+** survey responses

# The Odum Institute for Research in Social Science



Planning



Collection



Analysis



Dissemination

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Qualitative Data Analysis

Quantitative Data Analysis

Text Analysis

Mixed Methods Data Analysis

Statistical Software Support

Computation



# The Odum Institute for Research in Social Science



Planning



Collection



Analysis



Dissemination

55% Graduate  
12% Staff  
12% Faculty  
10% Undergraduate  
5% Post-doc

**3,130**  
Consultations  
(Fiscal Year 2020)

27% College of Arts & Sciences  
44% Health Affairs

# The Odum Institute for Research in Social Science



Planning



Collection



Analysis



Dissemination

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Server Clusters

**46 + 3**

Training + Lab  
Workstations

**275**

Cores

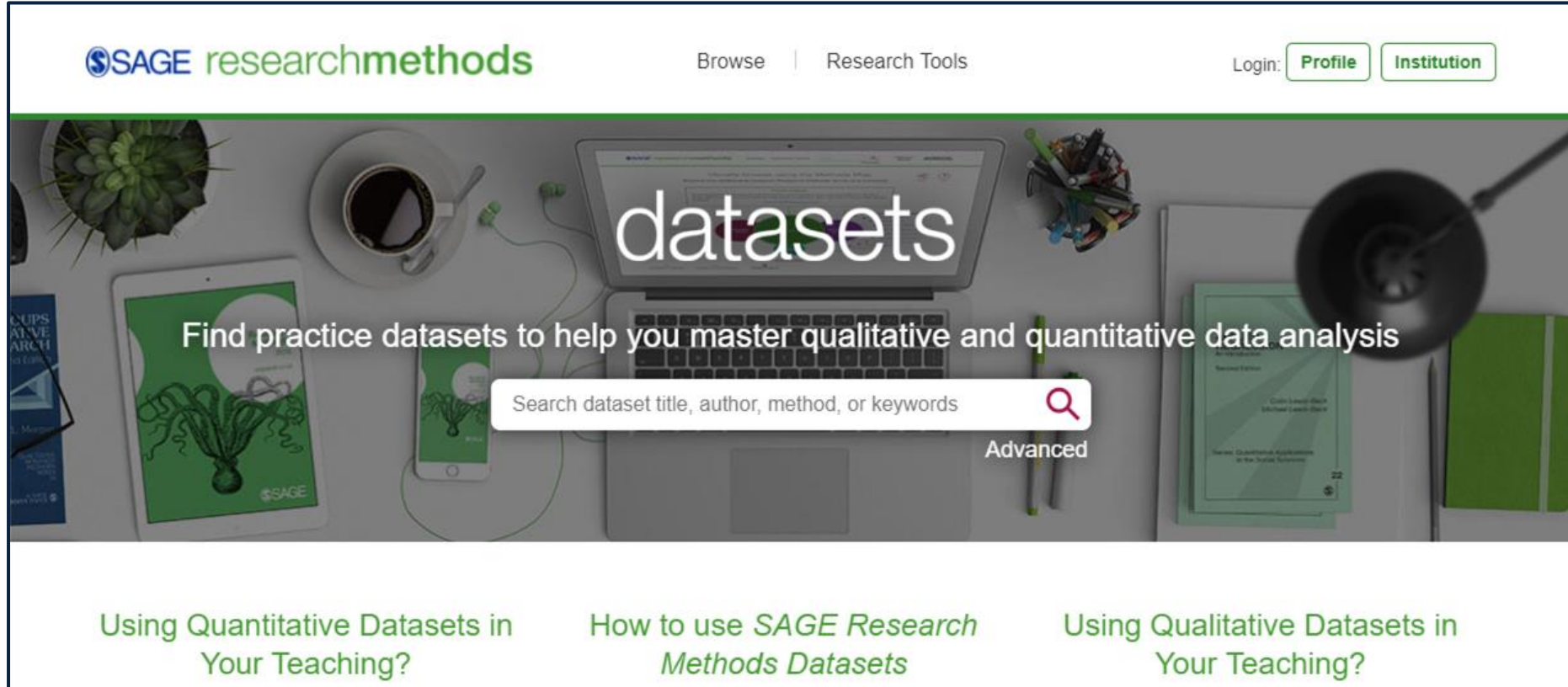
**75**

Virtual and  
Physical Servers

**300**

Terabytes of  
Network Storage

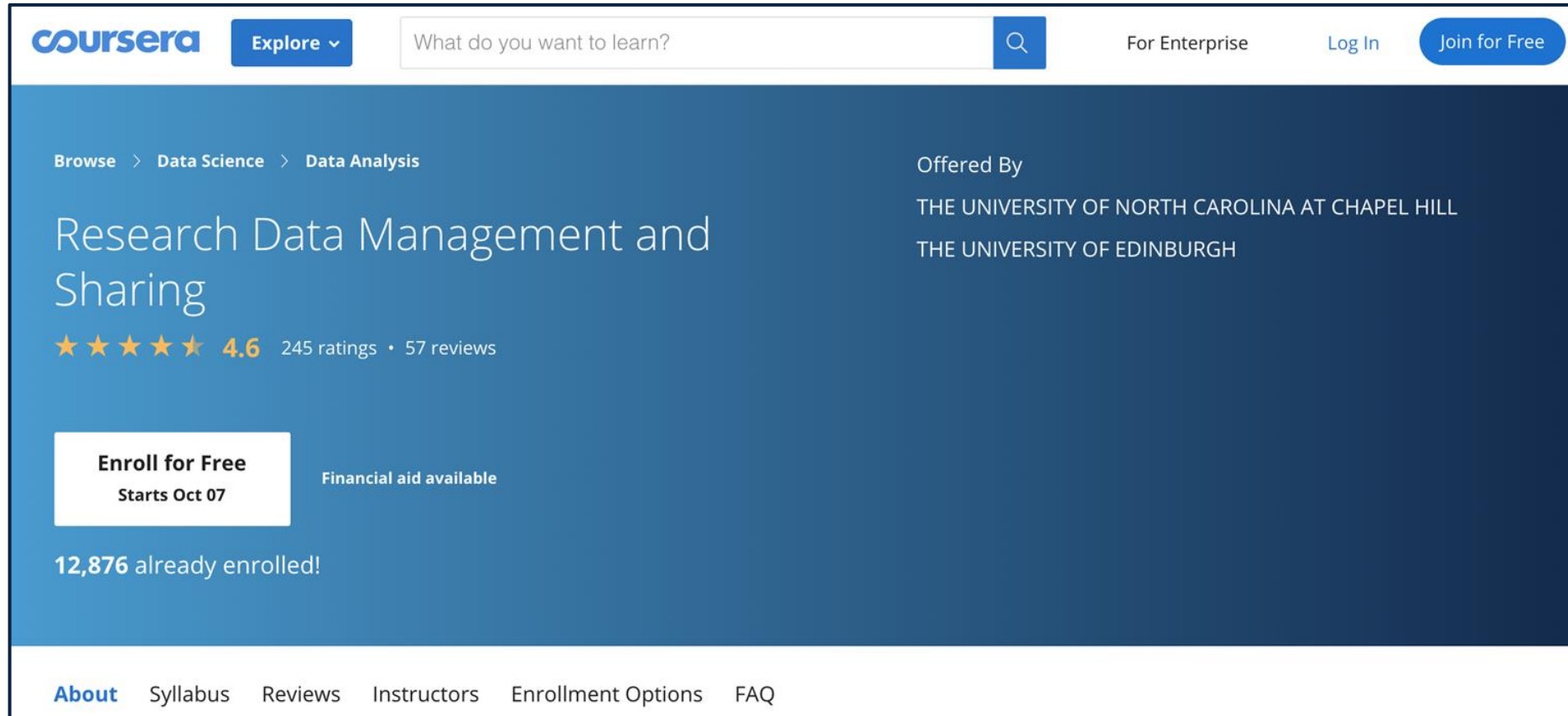
# Odum Institute-Produced Resources



150+  
training  
modules

<http://methods.sagepub.com/Datasets>

# Odum Institute-Produced Resources



The screenshot shows the Coursera interface for the course 'Research Data Management and Sharing'. The header includes the Coursera logo, an 'Explore' dropdown, a search bar with the text 'What do you want to learn?', and links for 'For Enterprise', 'Log In', and 'Join for Free'. The breadcrumb trail is 'Browse > Data Science > Data Analysis'. The course title is 'Research Data Management and Sharing', with a rating of 4.6 stars from 245 ratings and 57 reviews. It is offered by 'THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL' and 'THE UNIVERSITY OF EDINBURGH'. A white box highlights 'Enroll for Free' with 'Starts Oct 07' and 'Financial aid available'. Below this, it says '12,876 already enrolled!'. The footer contains links for 'About', 'Syllabus', 'Reviews', 'Instructors', 'Enrollment Options', and 'FAQ'.

**Enroll for Free**  
Starts Oct 07

Financial aid available

12,876 already enrolled!

8,000+  
active  
learners

<https://www.coursera.org/learn/data-management>

# The Odum Institute for Research in Social Science



Planning



Collection



Analysis



Dissemination

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Data Archiving

Data Publication

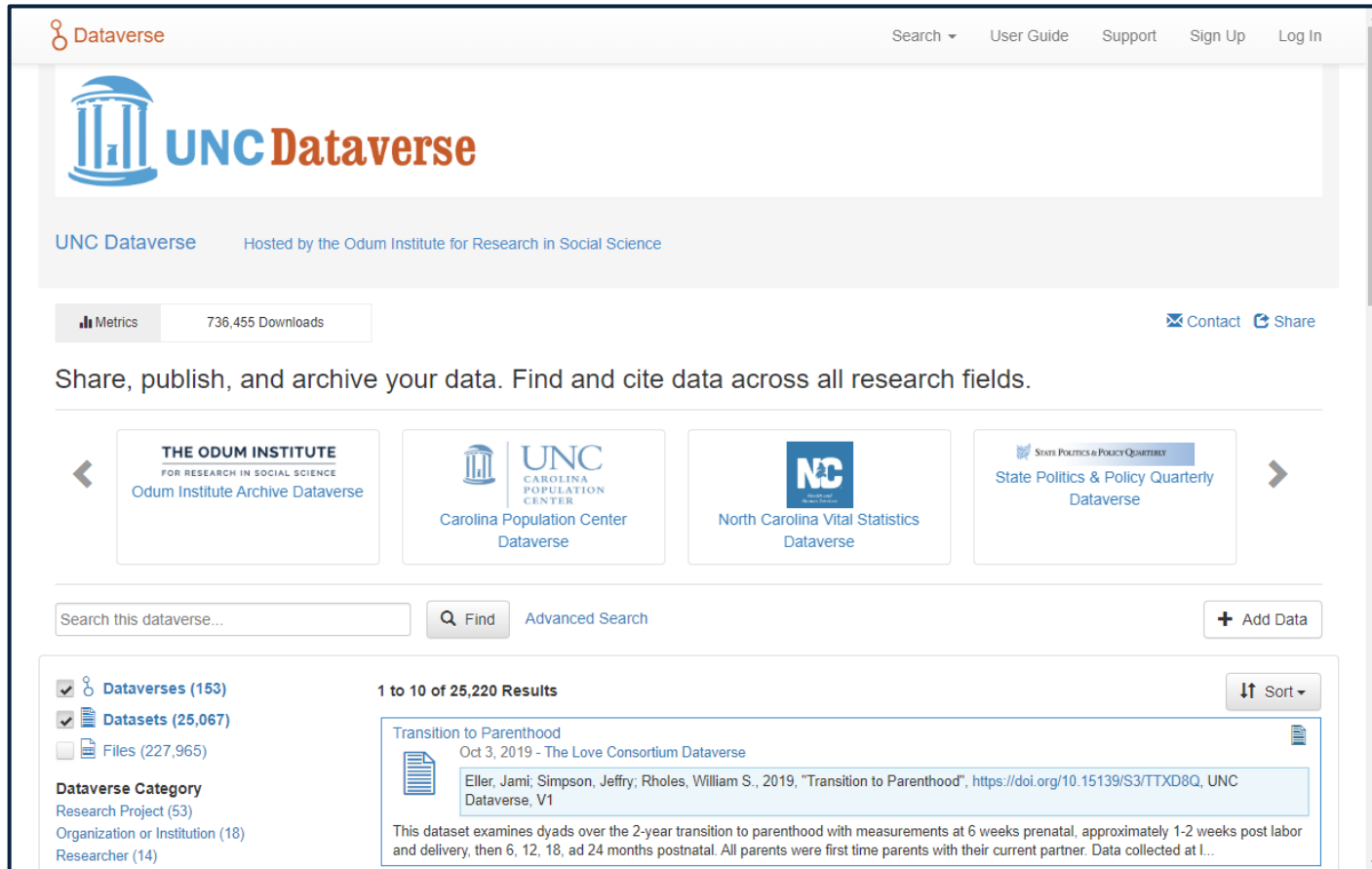
Data Policy Compliance

Computational Reproducibility  
Verification

Broader Impacts + Videography

# The Odum Institute + Open Science

## UNC Dataverse Repository



The screenshot shows the UNC Dataverse website. At the top, there's a navigation bar with links for Search, User Guide, Support, Sign Up, and Log In. Below this is the UNC Dataverse logo and the text "Hosted by the Odum Institute for Research in Social Science". A metrics bar shows "736,455 Downloads" and links for "Contact" and "Share". A central banner reads "Share, publish, and archive your data. Find and cite data across all research fields." Below the banner are four featured dataverse logos: The Odum Institute, UNC Carolina Population Center, North Carolina Vital Statistics, and State Politics & Policy Quarterly. A search bar is present with a "Find" button and a link to "Advanced Search". On the left, there's a sidebar with filters for "Dataverses (153)", "Datasets (25,067)", and "Files (227,965)", along with a "Dataverse Category" section. The main content area displays "1 to 10 of 25,220 Results" and shows a search result for "Transition to Parenthood" by Eller, Jami; Simpson, Jeffrey; Rhoads, William S., 2019, with a brief description of the dataset.

[dataverse.unc.edu](https://dataverse.unc.edu)

UNC's only trustworthy digital data repository for managing and preserving research data for long-term discovery, access, interpretation, and reuse



# The Odum Institute + Open Science

## UNC Dataverse Repository

The screenshot displays the UNC Dataverse Repository interface. At the top, the 'Dataverse' logo is on the left, and navigation links for 'Search', 'User Guide', 'Support', 'Sign Up', and 'Log In' are on the right. Below the logo is the 'Add Health' logo, which includes a map of the United States and the text 'The National Longitudinal Study of Adolescent to Adult Health'. The main heading is 'Add Health Dataverse (Carolina Population Center, University of North Carolina at Chapel Hill)'. Below this, a breadcrumb trail reads 'UNC Dataverse > Carolina Population Center Dataverse > Add Health Dataverse'. There are links for 'Contact' and 'Share'. A paragraph describes the dataset: 'The Dataverse for the National Longitudinal Study of Adolescent to Adult Health (Add Health) contains public-use datasets of interest to investigators from many disciplines in the social and behavioral sciences and from many theoretical traditions.' Another paragraph provides background on the Add Health study. A search bar is present with the text 'Search this dataverse...' and buttons for 'Find' and 'Advanced Search'. On the left sidebar, there are filters for 'Dataverses (0)', 'Datasets (5)', and 'Files (174)'. The main content area shows '1 to 5 of 5 Results'. The first result is 'The Add Health Parent Study, 2015-2017' dated Aug 2, 2019, by Harris, Kathleen Mullan; Udry, Richard J.; Hotz, V. Joseph. The second result is 'National Longitudinal Study of Adolescent to Adult Health (Add Health) Wave II, 1996' dated Oct 31, 2017, by Harris, Kathleen Mullan; Udry, Richard J.; Hotz, V. Joseph.

dataverse.unc.edu

Individual researchers,  
research project teams, labs,  
organizations, journals, and  
instructors can create their  
own branded Dataverse

# The Odum Institute for Research in Social Science

Data Archiving

Preparing Sensitive Data for Sharing

Data Management Training

Research Project Support

Data Management Planning



Data Discovery

[odumarchive@unc.edu](mailto:odumarchive@unc.edu)

Data Acquisition

Data Repository Referral

Data Policy Compliance Support

Policy Development + Implementation



# Remote Resources

Newsletter outlining how to  
access new remote services:

<http://go.unc.edu/OdumOnline>

## Stats Help Desk Remote Hours

12PM - 4PM, Monday - Friday

<http://go.unc.edu/statsdesk>

## Qualtrics Remote Hours

Monday: 1PM - 4PM

Thursdays: 10AM - 1PM

<http://go.unc.edu/qualtrics>

## Consultants

<http://go.unc.edu/Consultants>

Find a consultant tool -

<https://odum.unc.edu/need-help/#help2>

## Data Archive

<https://odum.unc.edu/archive/>

## Support/Services Details + Facilities Document

<https://odum.unc.edu/need-help/#help1>

# Remote Resources (cont.)

## SAGE Modules

<https://odum.unc.edu/education/sage/>

## UNC Dataverse

<https://dataverse.unc.edu/>

## Guest Lecture Request Form

<http://go.unc.edu/ShortCourseRequest>

## Certificate in Survey Science

<http://go.unc.edu/css>

## Online Resources

<http://go.unc.edu/Resources>

## Summer Course Series

<https://odum.unc.edu/education/summer-series/>





# Thank you.

Rocky L Riviella  
riviella@email.unc.edu

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**ODUM INSTITUTE FOR  
RESEARCH IN SOCIAL SCIENCE**



<https://odum.unc.edu>



[oduminstitute@unc.edu](mailto:oduminstitute@unc.edu)



[@Odum\\_Institute](https://twitter.com/Odum_Institute)



UNC  
THE NORTH CAROLINA  
TRANSLATIONAL & CLINICAL  
SCIENCES INSTITUTE

= NC TraCS

# Research Development at TraCS: Funding, Training, and Collaborative Opportunities

August, 2021

Susan Pusek, Director of Education Programs  
[susan\\_pusek@med.unc.edu](mailto:susan_pusek@med.unc.edu)

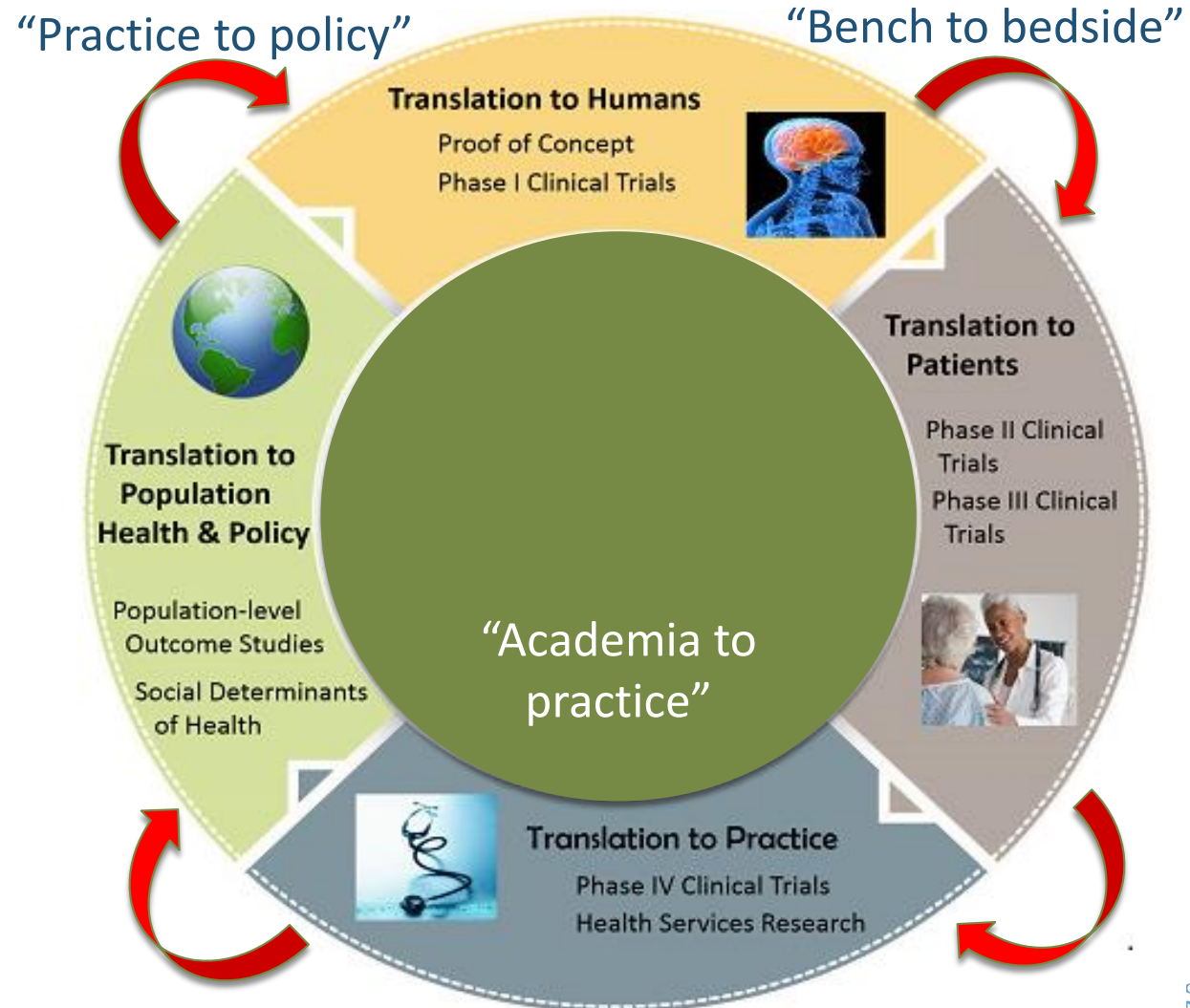


# In brief...

- What: Institute funded by NIH: National Center for Advancing Translational Sciences
  - ▣ “Disease agnostic”
  - ▣ Part of a national consortium (about 60 other centers)
- Why: To expedite the transfer of research findings to improvements in human health and to train the next generation of researchers
- Who: Faculty (about 200) and staff (about 50)
- Where: Second floor Brinkhous Bullitt...or Zoom/WebEx

# Scope of Translational Research

- Focus on team science
- Think:
  - ▣ Moving research findings to “tangible” improvements in human health



# Finding funding from TraCS

- TraCS Pilot Awards:
  - Goal is to stimulate future work and funding
  
- Focused pilot awards (change over time):
  - Cross-cutting problem:
    - COVID-19
    - Opioid crisis
  - Consortium: Duke/UNC and multi-site CTSA
  - Commercialization
  - Stakeholder engagement voucher program



# Finding funding from TraCS- next few months

- Types of pilot awards:
  - ▣ \$2K: monthly deadlines, short application
    - Open to faculty, doctoral students, postdoc trainees, and external researchers partnered with UNC faculty
  - ▣ \$5-50K and other awards: variable number of cycles per year
    - Open to faculty
    - Requires a funding match
- If we are renewed:
  - ▣ Supplements:
    - Diversity, re-entry, and others
  - ▣ Career development: Junior faculty (K) and Postdocs (T)

# Find funding using TraCS- any time

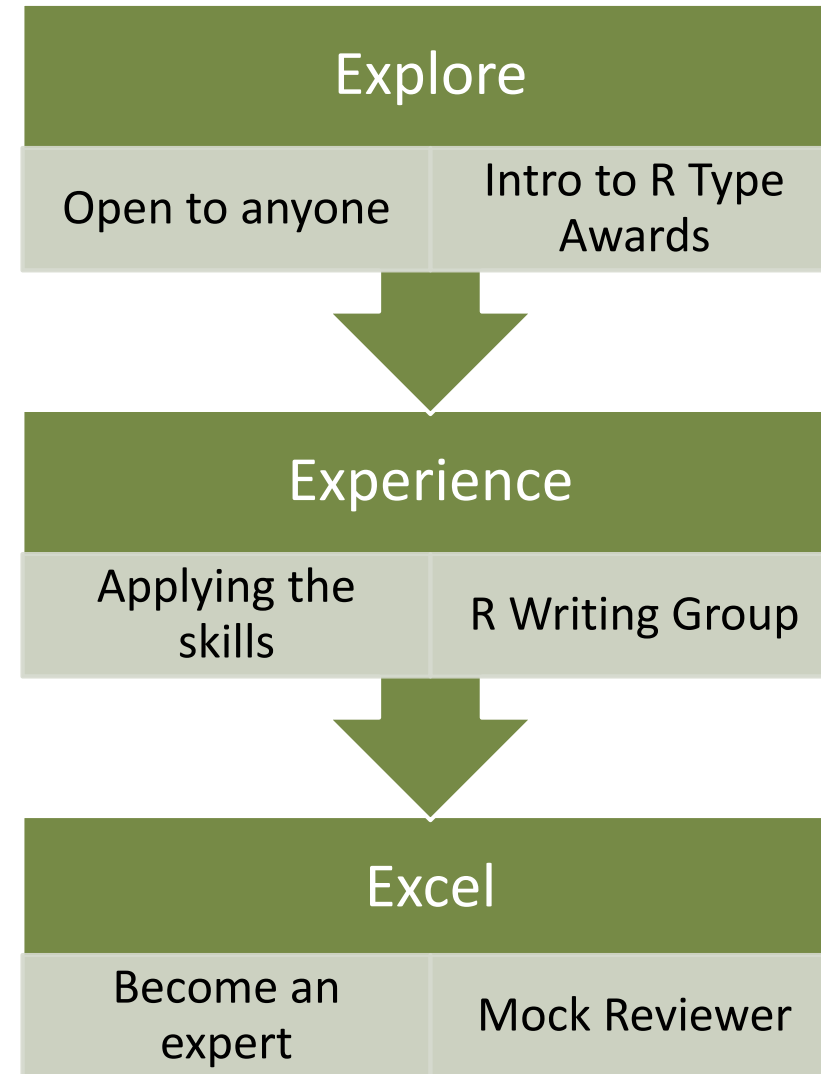
- All TraCS Services offer consultations and research implementation assistance
- Services can/should be included in a grant:
  - ▣ Biostatistics
  - ▣ Research Coordination and Management Unit, Recruitment Service
  - ▣ Training programs, professional development resources
  - ▣ Informatics resources
- Simple process to request Letter of Support

# Find funding using TraCS

- Proposal development help pre-submission:
  - ▣ Introduction to Career Development Awards (CDA)
  - ▣ Introduction to R-type Awards
  - ▣ CDA and R Writing Groups
  - ▣ Mock reviews: pre-submission study section style reviews with content experts
- Other services:
  - ▣ Assist with interpretation of RFA, example grants
  - ▣ “Readiness” for grant mechanism
  - ▣ Identify collaborators and/or mentors

# Approach to Training

- All service areas in TraCS offer “skills-based” training
- Will also refer to colleagues across campus



# Training programs- K

- Awardees receive stipend or salary directly from TraCS grant
- K is an *institutional* mentored career development award for junior faculty (similar review criteria as K08, K23, etc.)
  - ▣ Up to 3 years of 75% salary support to protect time for research and training, plus research funds
  - ▣ Goal is to launch career as independently funded investigator
  - ▣ Must argue that you need more training and mentorship
- Until grant renewed:
  - ▣ K Writing Groups for external Ks
  - ▣ Consults with faculty

# Training programs- T

- Postdoctoral program in translation
  - Postdocs spend 1-2 years learning how to translate a “product/idea/data” in one of 3 areas:
    - Commercialization
    - Clinical trials/regulatory
    - Health systems
  - Scientific mentors and “resource mentors”
    - Training tailored to skills needed: communication may be business pitch OR application to FDA OR policy brief to insurance payors
  - Follows most NIH T mechanism procedures
  - Open application process until Feb 2022

# Getting the research done: Team Science

- Helps identify collaborators, consultants at UNC, TraCS partners, and CTSA Consortium
- Assists team members with best practices for team function (e.g. collaboration agreements)





# Getting the research done: Biostatistics

- Biostatistics:
  - ▣ Biostatistics Seminar Series
  - ▣ Free consultations
  - ▣ Walk-in hours
  - ▣ Match expertise to grant

## 2019 Sessions

Date / Time	Topic / Location
Friday 8/30/19 10:30 am - Noon	Power and Sample Size <a href="#">Register</a>
Friday 9/27/19 10:30 am - Noon	Pilot Study Design and Review <a href="#">Register</a>
Friday 10/25/19 10:30 am - Noon	An Introduction to Multistate Models and Competing Risk Data <a href="#">Register</a>
Friday 11/22/19 10:30 am - Noon	Observational data that make causal inference straightforward <a href="#">Register</a>

# Getting the research done: Beyond UNC

- Community and Stakeholder Engagement and Inclusive Science Programs:
  - ▣ Build partnerships outside of UNC
  - ▣ Six practice-based research networks
  - ▣ Multilingual research resources
  - ▣ Stakeholder Network

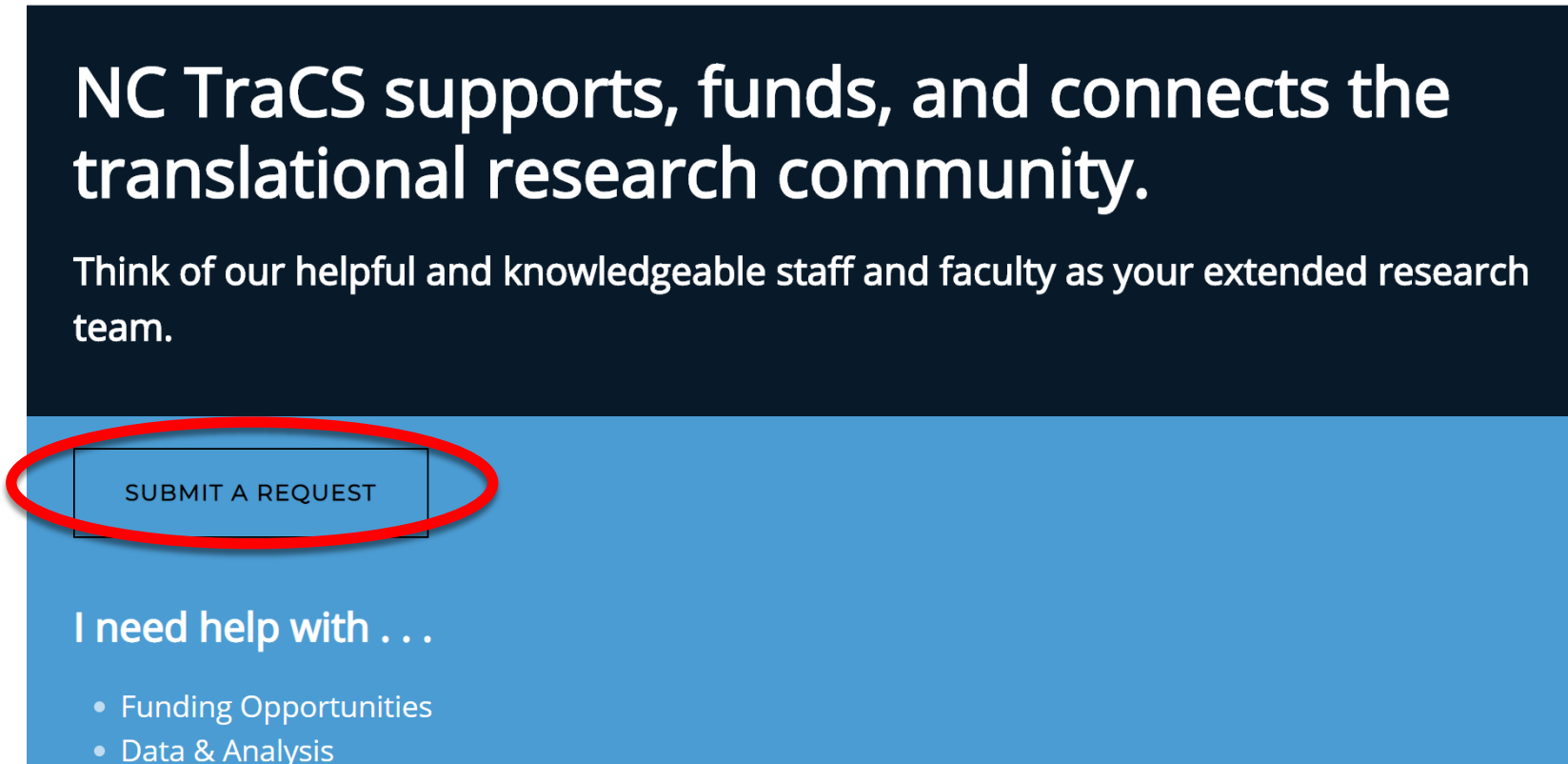
# Getting the research done: IDSci

- Informatics and Data Science
  - ▣ Medical record data: Carolina Data Warehouse
  - ▣ Help on how to search medical records
  - ▣ Access to more records: clinical data networks
  - ▣ Accrual to Clinical Trials (ACT) network: allows exploration of feasibility by providing potential subject counts at UNC and other consortium sites

# Getting the research done: Clinical

- Clinical Research:
  - ▣ Place to see subjects: Clinical and Translational Research Center
    - Inpatient and outpatient
  - ▣ People to help do the research: Research Coordination and Management Unit
  - ▣ Help finding subjects: Recruitment Services
  - ▣ Help following the rules: Regulatory
    - NIH Human Subjects forms!

# How to keep up: tracs.unc.edu



**NC TraCS supports, funds, and connects the translational research community.**

Think of our helpful and knowledgeable staff and faculty as your extended research team.

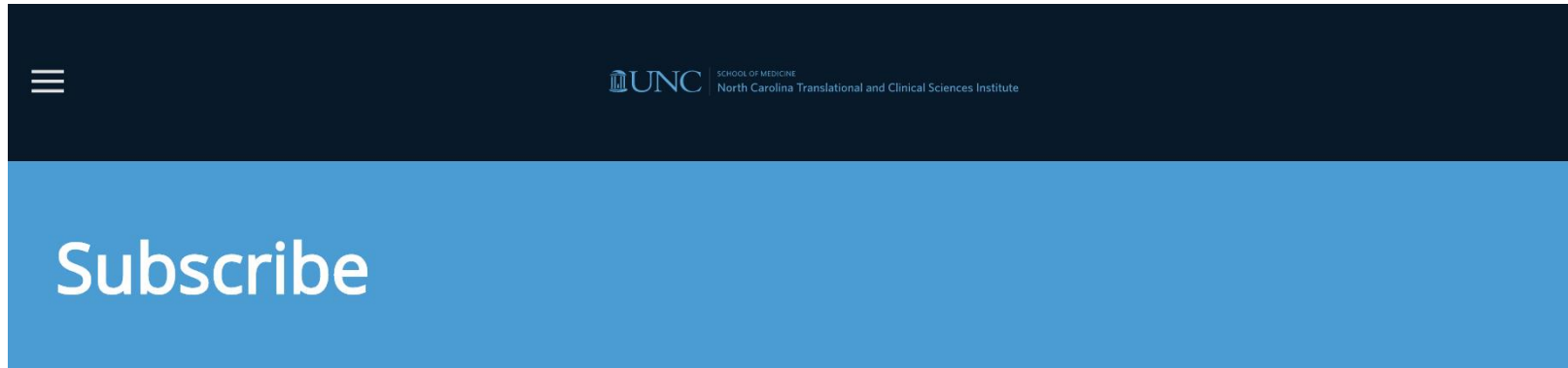
**SUBMIT A REQUEST**

I need help with . . .

- Funding Opportunities
- Data & Analysis

“Inspirational video”

# How to keep up



Get NC TraCS events and news delivered to your inbox!

<input type="text" value="First Name"/> *	<input type="text" value="Last Name"/> *
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<https://tracs.unc.edu/index.php/subscribe>

# Research Support from the University Libraries

Jacqueline Solis, Director of Research and Instructional Services  
[jsolis@email.unc.edu](mailto:jsolis@email.unc.edu)





Here's what to know about campus libraries for fall 2021.

Search for articles, books & more



Search

## Research Tools

Catalog

E-Research by Discipline

Articles+

Google Scholar

WorldCat

Search Triangle Libraries (TRLN)

E-journals

## I Want To...

Renew books (MyLibrary)

Find and reserve places to study

Request InterLibrary Loan / Carolina BLU

Access course reserves

Contact the Library

Give to the Library

Deposit open access scholarly work

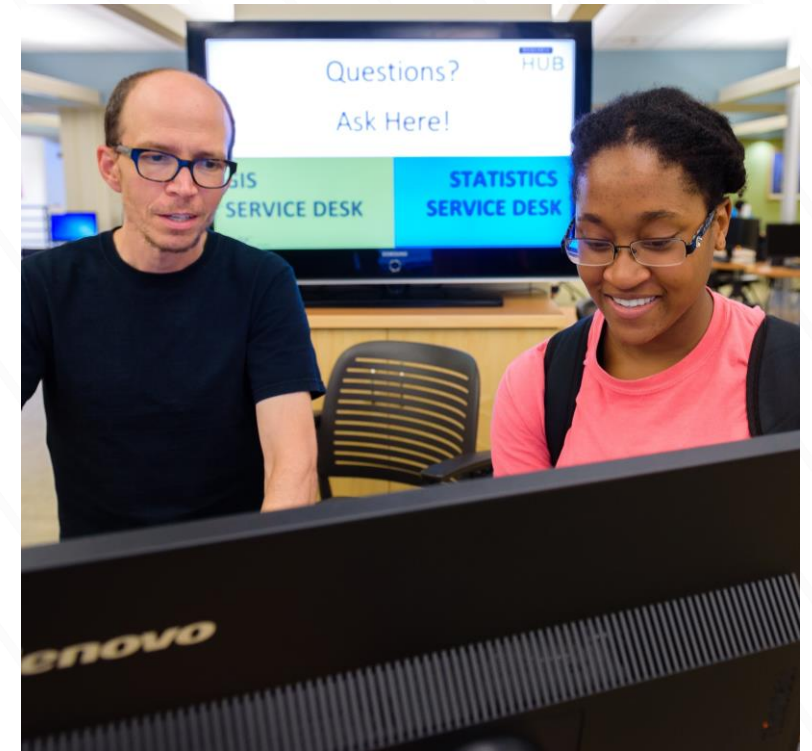
## Library Hours

Davis	Open Until 5:00 pm
Health Sciences	Open Until 5:00 pm
	Open Until 5:00 pm
Undergraduate	Open Until 5:00 pm
Wilson	Open Until 5:00 pm

See All Library Hours

# Research Consultations

- Making full use of UNC Libraries
- Literature and data searches
- Choosing the best tools, databases, repositories, and archives for project
- Identifying journals for publication
- Citation Management: EndNote, Zotero, F1000 Workspace,
- Designing posters, presentations, websites



# Borrowing, Interlibrary Borrowing, and Article Delivery

- Your OneCard and ONYEN give you access to UNC resources
- You have borrowing privileges for physical items at Duke, NCSU, and NCCU with your OneCard
- If UNC does not have the journal articles or books that you need, we will do everything we can to get access for you
- Use *library.unc.edu* > *I Want to* > *Request InterLibrary Loan/Carolina BLU* or Follow link from database search



You are looking for

Governance and Public Health Care in Nigeria

Author: Umukoro, Nathaniel  
Journal: Journal of Health Management  
ISSN: 0972-0634  
Date: 12/01/2012  
Volume: 14 Issue: 4 Page: 381-395  
DOI: 10.1177/0972063412468970

**Sorry, this item is not available in our online subscriptions.**

**Please use one of the options below to get it:**

[Search CrossRef](#) for a DOI link to the full text

**Still need help? ▲**

Step 1: Search the UNC Libraries  
[by title](#)  
or  
[by ISBN/ISSN](#)

Step 2:  
[Request it from another library via Interlibrary Loan](#)

Step 3:  
[Have a question? Contact us.](#)

# Scholarly Communications Office

Guidance, policy development, and advocacy for faculty, students, and staff on the following issues:

- Copyright and fair use (including advice about clearing permissions for use)
- Publishing Process and Authors' rights (including author contract negotiation support and how to retain your rights as an author)
- Privacy rights (including clarification about sharing your work)
- Open access (including Creative Commons licenses)
- Support for Article Processing Charges for some publishers
- Other policies related to scholarly material



# Carolina Digital Repository (CDR)

What is it?

- System for storage, preservation, and dissemination of completed UNC scholarship
- Articles, book chapters, datasets, posters, conference papers, reports, and more
- One way to meet UNC's Open Access Policy goal of "disseminate the fruits of its research and scholarship as widely as possible."

To deposit:

1. *library.unc.edu > I Want to > Deposit open access scholarly work or to <https://cdr.lib.unc.edu/>*
2. Click on the icon that best represents the content
3. Fill out the form
4. You're done!

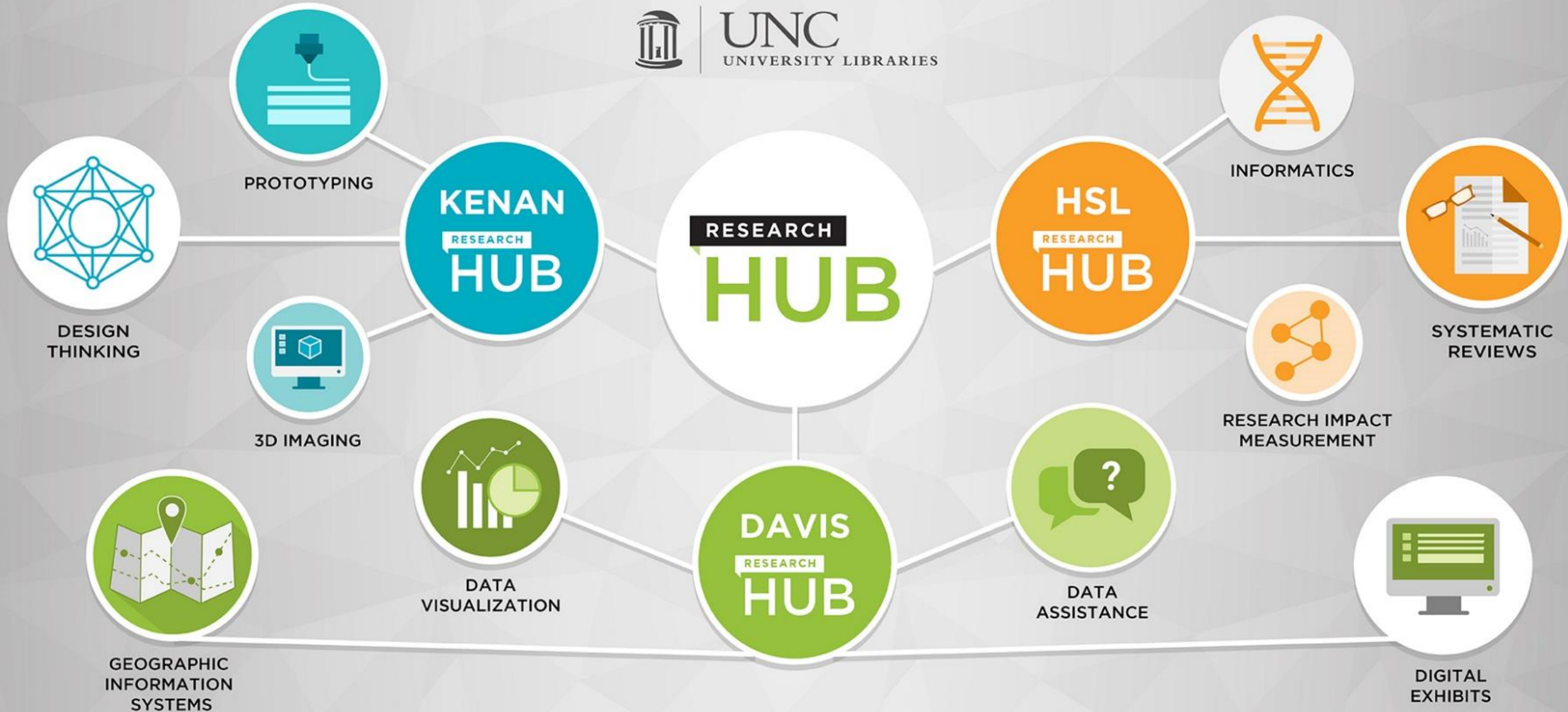
Questions? Contact [cdr@unc.edu](mailto:cdr@unc.edu)



# RESEARCH HUB SERVICES ARE CAMPUS-WIDE

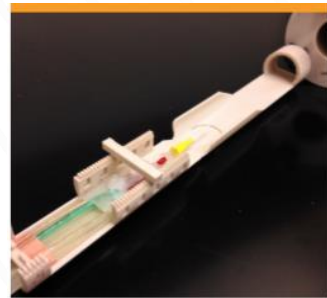


UNC  
UNIVERSITY LIBRARIES

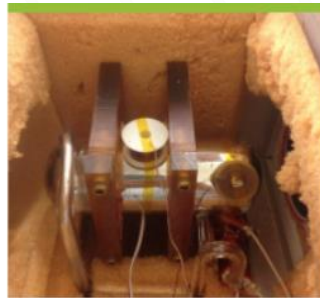




# GIS and Data, Statistics, Visualization, Digital Humanities, 3D Printing



Small Animal Imaging With Hyperpolarized Xe Gas



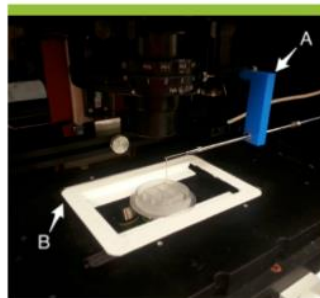
Low-Field NMR Spectrometer



The Worlds of M.C. Escher



Dengue Virus Envelope Protein Structure and Topography



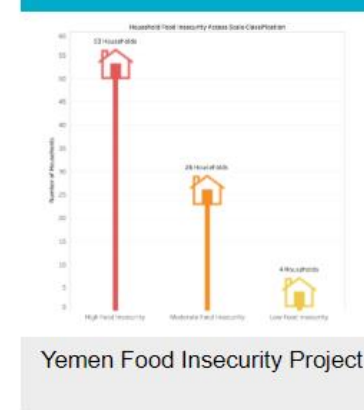
High-Throughput in Vitro Physiology for the Human Intestinal Epithelium



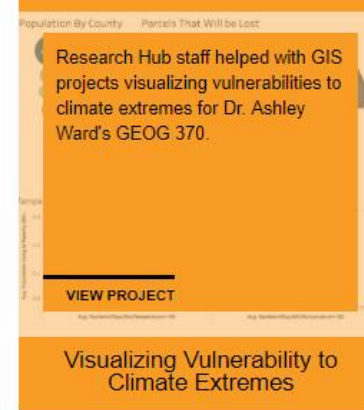
Wheelchair Joystick Cap



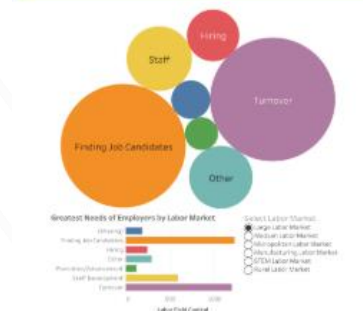
Russian History Story Maps



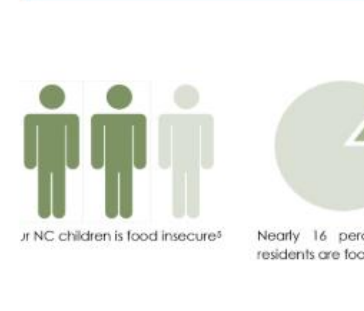
Yemen Food Insecurity Project



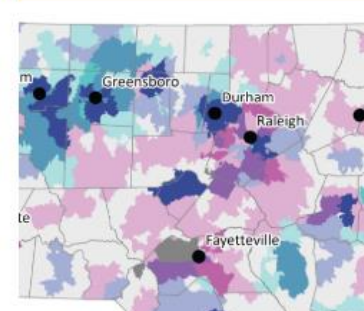
Visualizing Vulnerability to Climate Extremes



NC's Tightening Labor Market



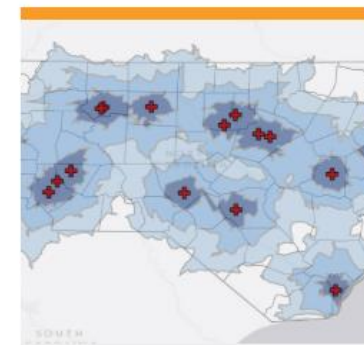
Communicating Policy Issues and Solutions



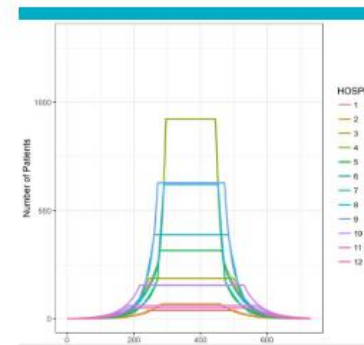
Maternal and Child Health Home Visiting



Pharmacy Syllabus Text Analysis



Access to Neurological Medical Care



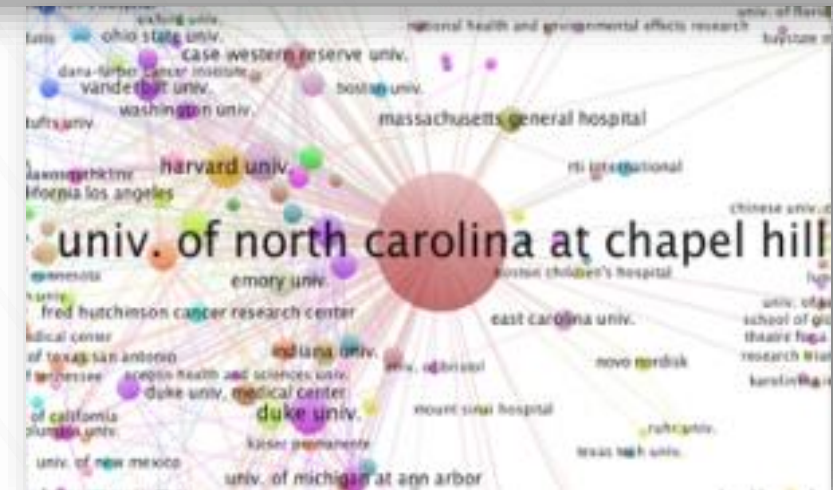
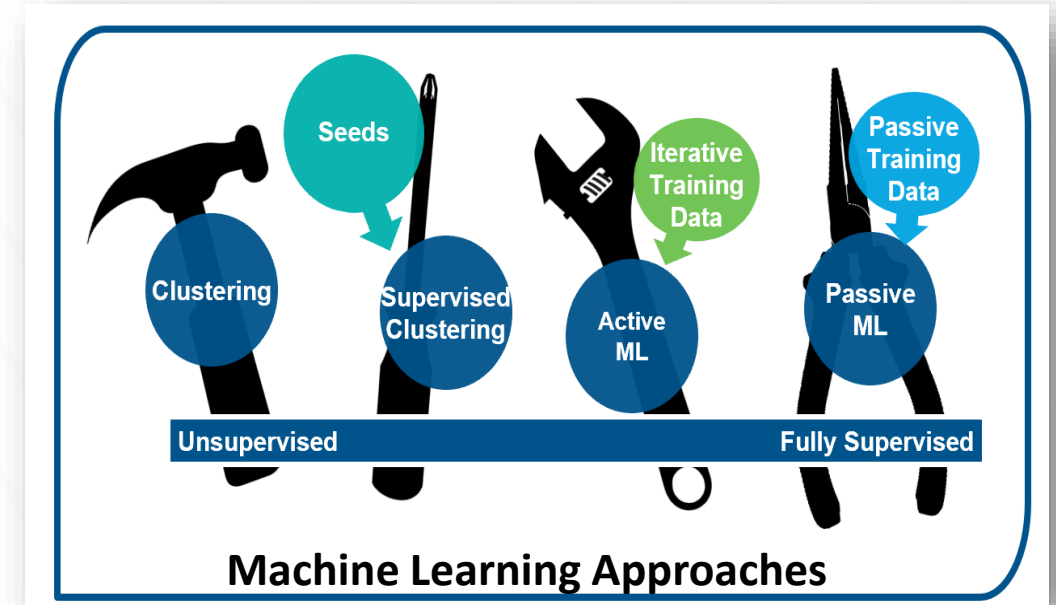
Triangle Hospital Surge Capacity



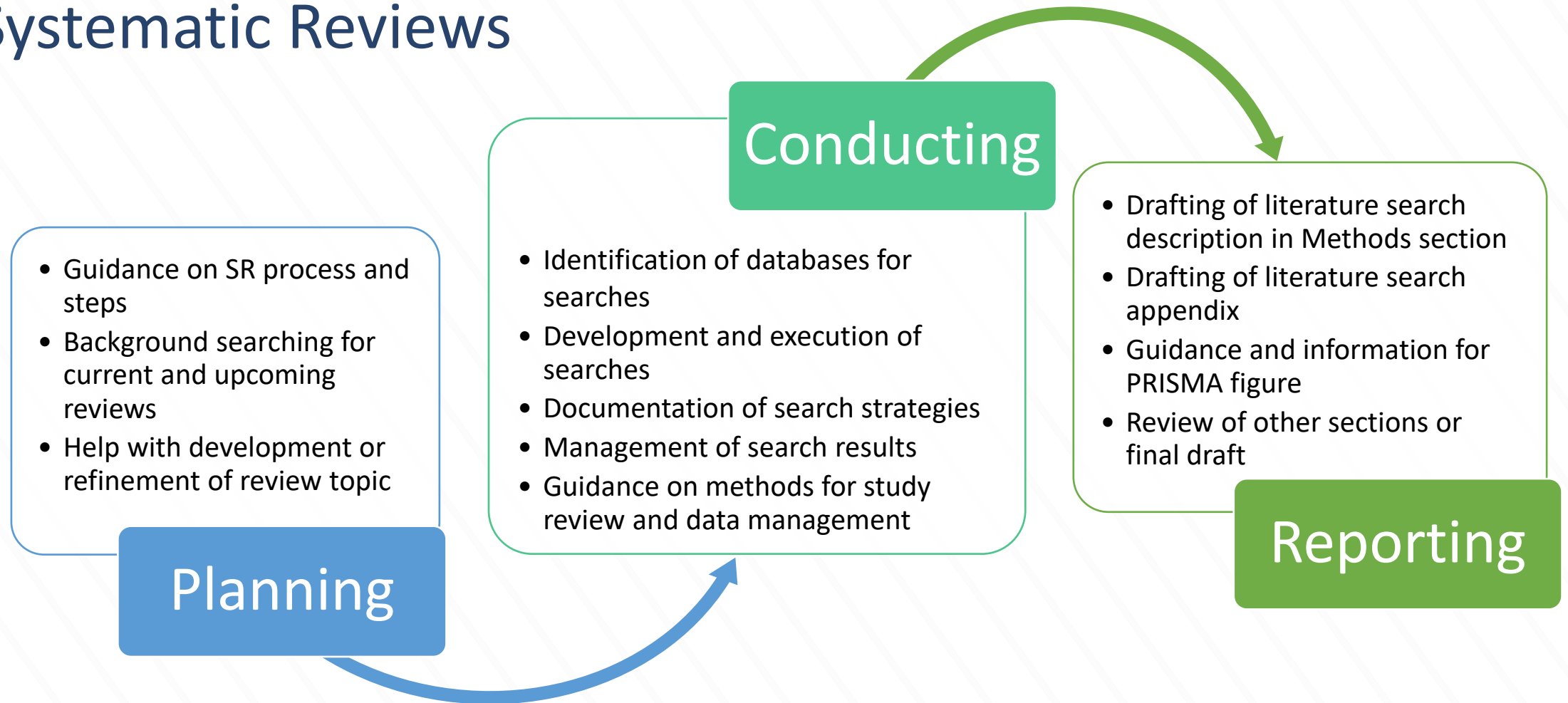


# Research Collaboration

- Finding Funding Opportunities
- Machine Learning for Literature Searching & Systematic Reviews
- Impact Measurement & Data Visualization



# The Librarian's Role in Systematic Reviews



# Impact Measurement & Visualization Service



- Communicate research impact to audiences
- Measure and assess research impact by discipline
- Identify patterns, trends, and gaps in research, education, or clinical activities
- Analysis & visualization of your research publications and other outputs

# Contact for more information

- Jacqueline Solis: [jsolis@email.unc.edu](mailto:jsolis@email.unc.edu)
- *Contact Us* in upper right corner of library website: <https://library.unc.edu>

# Introduction to Research Support at Carolina

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## Post-Session Survey

(please watch for a Faculty Foundations Survey this week!)

Thank you!

