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3-9-2017

Social and Behavioral Science Research Support at UNL

Mindy Anderson-Knott

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Anderson-Knott, Mindy, "Social and Behavioral Science Research Support at UNL" (2017). *DBER Speaker Series*. 113.
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Abstract for DBER Group Discussion on 2017-03-09

Authors and Affiliations:

Mindy Anderson-Knott
Director of Evaluation and Development
Social and Behavioral Sciences Research Consortium
University of Nebraska-Lincoln

Title

Social and Behavioral Science Research Support at UNL

Abstract

Mindy Anderson-Knott will provide an overview of the various research support offerings at UNL related to the social and behavior sciences. The presentation will explain how the Social and Behavioral Sciences Research Consortium can help researchers with their social and behavior science needs, and will navigate participants through many of the support structures that exist on campus.

SBSRC

Social & Behavioral Sciences Research Consortium

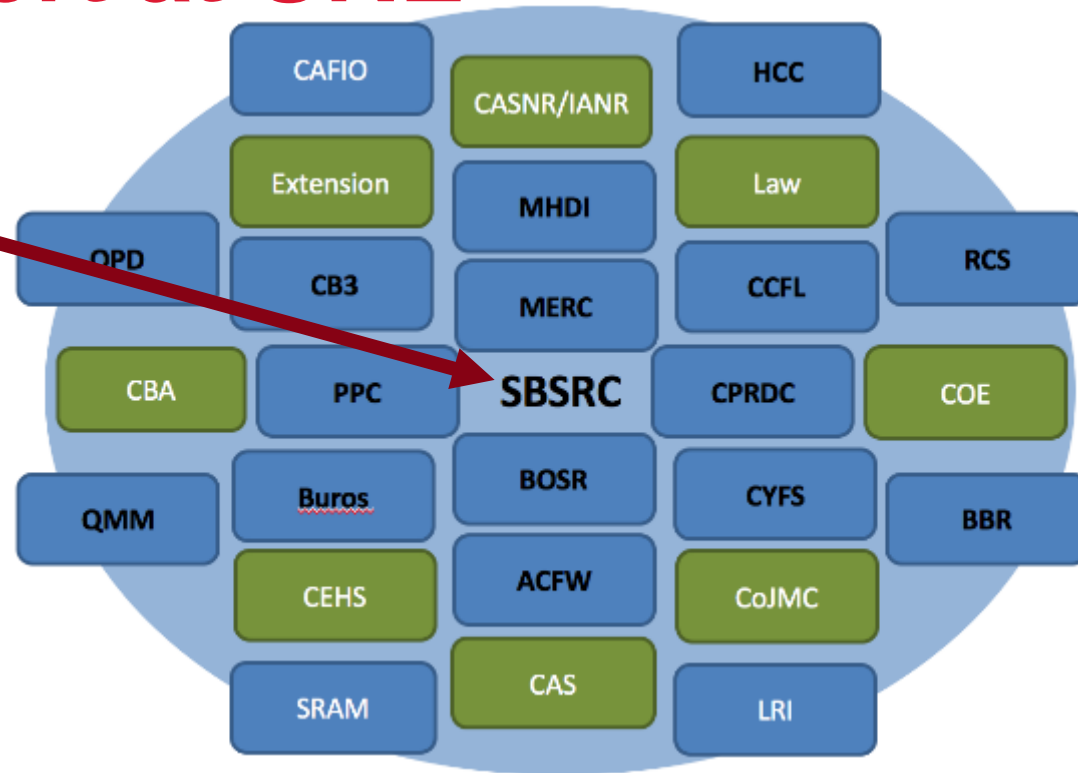
DBER GROUP

March 9, 2017



Research Support at UNL

Social and Behavioral
Sciences Research
Consortium (SBSRC)



con·sor·ti·um

/kən'sôrdēəm, kən'sôrSH(ē)əm/

noun

1. an association, typically of several business companies.

synonyms: association, alliance, coalition, union, league, guild, syndicate, federation, confederation, confederacy, conglomerate, cooperative, combine, partnership, affiliation, organization; More

Social and Behavioral Sciences Research Consortium (SBSRC)

To facilitate the growth and excellence of social & behavioral sciences research through coordinated activities that include building a referral network for existing resources, enhancing capacity, providing seed and voucher support, identifying and building research collaborations, and providing mentoring for new investigators.

History of SBSRC

- Began with faculty-led initiative Social & Behavioral Sciences Research Initiative (SBSRI)
- The SBSRI Taskforce report provided the blueprint for the Social & Behavioral Sciences Research Consortium (SBSRC)
- Methodology and Evaluation Research Core (MERC) established through the Nebraska Research Initiative

Methodology and Evaluation Research Core (MERC)

To provide state-of-the-art methodological support and services that promote and sustain excellence in the social and behavioral sciences through active collaborations with existing centers, initiatives, and units.

MERC UNITS

SAMPLING

Assistance with optimal sample designs and data collection methods; sample strategies; sample size; power calculations

DATA ACQUISITION

Collection of high quality data; new technologies necessary for state-of-the-art digital data collection needs

DATABASE & ANALYSIS

Database support and consulting on statistical models and analyses; data de-identification and archiving; facilitating access to secure data files

EVALUATION

Internal or External evaluation; certified evaluator and evaluation experts in many fields (e.g., STEM education)



SBSRC RESOURCES

We've got resources and are here to help you navigate those resources

SBSRC.unl.edu

SBSRC.unl.edu

The screenshot shows the website sbsrc.unl.edu for the University of Nebraska-Lincoln. The header includes the university name, a login button, and a search bar. The main navigation bar is red with white text for 'HOME', 'ABOUT', 'SERVICES', 'RESOURCES', 'NEWS AND EVENTS', and 'CONTACT'. A dropdown menu is open under 'NEWS AND EVENTS', listing 'In The News', 'Upcoming Events', 'Past Features', and 'Previous Events'. The main content area features a news article titled 'Social and Behavioral Sciences Voucher Seed Grant Program' with a 'READ MORE' button. A background image of a university building is visible on the right side of the page.



NEWS AND EVENTS

In The News

Upcoming Events

Past Features

Previous Events

Upcoming Events

Nebraska Research SBSRC News and Events Upcoming Events



HOME

ABOUT

NEWS AND EVENTS

RESOURCES

SERVICES

CONTACT



MONDAY, MARCH 13, 2017 - 12:30PM

Colloquium: "Some Paradoxes of Aid Work - Biographies and Careers of People Working in Aid"

Presented by Dr. Silke Roth, University of Southampton

Location: Bailey Library - 228 Andrews Hall

MONDAY, MARCH 13, 2017 - 12:30PM

CABIN Brown Bag Meeting: Steven Barlow

Sponsor: CABIN

Location: CB3 B60

THURSDAY, MARCH 16, 2017 - 2:00PM

The DBER Group's STEM Education Seminar: How introductory biology students incorporate sexual selection into their mental models of natural selection

Sarah Spier will present How introductory biology students incorporate sexual selection into their mental models of natural selection.

Location: In-person presentation - 109 Bessey Hall
Videoconference - 202 Hardin Hall, East Campus

SBSRC.unl.edu

sbsrc.unl.edu

UNIVERSITY OF NEBRASKA-LINCOLN

Login Search

N SOCIAL AND BEHAVIORAL SCIENCES RESEARCH CONSORTIUM

UNL Research SBSRC

HOME ABOUT SERVICES **RESOURCES** NEWS AND EVENTS CONTACT

Social and Behavioral Sciences Voucher Seed Grant Program

The SBSRC initiated a novel voucher seed grant program to facilitate new connections between NU faculty and research support services leading to published research and grant submissions.

READ

RESOURCES

- Voucher Support
- Archived Presentations
- Referral Network
- Research Groups
- Research Nebraska



RESOURCES



Voucher Support
Archived Presentations
Referral Network
Research Groups
Research Nebraska
Software Resources

SBSRC
Voucher
Program

Request for Proposals Voucher Seed Grants

Proposals are to be submitted electronically to sbsrc@unl.edu. We will review project applications monthly from December 2016 through April 2017. Applications received by 11:59 p.m. on the final day of the month will be considered in the following month.

DESCRIPTION: The Social and Behavioral Sciences Research Consortium (SBSRC) will award 5 to 10 research vouchers for the 2016-2017 fiscal year (i.e., funds used prior to June 30, 2017). **Monthly reviews will be conducted until the available funds have been awarded.**

The goal of this program is to support faculty research in **new collaborations** with one or more of the existing research support units at UNL.

Award Amount: Voucher grants up to a maximum of \$5,000.

Scope:

- Preference is given to support research that targets an area where there are established or emerging opportunities for obtaining competitive federal funding.
- A portion of the voucher support is earmarked for projects advancing minority health research.
- The outcome expected is the completion of a research activity that links faculty to UNL research support operations and leads to published research and/or grant submissions.
- This specific opportunity is designed to support new collaborations, not to supplement current research collaborations.

Eligibility:

- Applicant must be a faculty member in a University of Nebraska System campus.
- The voucher support will be for the faculty member to work with one of the UNL social and behavioral research support operations. Researchers are encouraged to contact the SBSRC (sbsrc@unl.edu) to identify which unit(s) would best fit their needs if this is not known. Centers and units providing a range of services that support research include:
 - Academy for Child and Family Well Being
 - Bureau of Sociological Research
 - Center for Brain, Biology and Behavior
 - Center for Children, Families and the Law
 - Central Plains Research Data Center
 - Methodology and Evaluation Research Core Facility
 - Minority Health Disparities Initiative
 - Nebraska Center for Research on Children, Youth, Families and Schools
 - Public Policy Center
- This list is not exhaustive. For example, it does not list specific service units housed

RESOURCES

- Voucher Support
- Archived Presentations
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- Research Groups
- Research Nebraska
- Software Resources

UNL SBSRC Archived Presentations

1 2

HEADLINE	EVENT DATE
Building Transdisciplinary Research Collaborations	2015
Central Plains Research Data Center: Food for Health Data Sets	2015
An Introduction to Analyzing Qualitative Data Using MAXQDA	2008



Social and Behavioral Sciences Research Consortium

Subscribe 0

Our Vision
The Social & Behavioral Sciences Research Consortium (SBSRC) is inspired by a vision of the University of Nebraska's premier e...
Show more

Uploads



Brown Bag Discussion on NIH Expectations Regarding Scientific Rigor and Transparency

3 weeks ago • 8 views
On Thursday, January 12 from 11:30 - 1:00, in the Nebraska Union, Colonial Room the Social and Behavioral Sciences Research Consortium, partnering with the Office of Research and...

RESOURCES

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Qualitative & Mixed Methods Research Interest Group

The Qualitative and Mixed Methods Research Interest Group is an interdisciplinary effort that brings together researchers to discuss these research methods, coordinate activities, and identify collaborative opportunities.



Qualitative & Mixed Methods Courses Offered at the University of Nebraska-Lincoln (UNL)

Qualitative & Mixed Methods Researchers

Qualitative and Mixed Methods Courses

ANTH 482/882 - Field Methods in Ethnography
COMM 984 - Interpretive Research Design
EDPS 936 - Mixed Methods Research
EDPS 900K - Qualitative Approaches to Educational Research
EDPS 935 - Seminar in Qualitative Research
PSYC 941 - Fundamentals of Research Design and Data Analysis 1
PSYC 942 - Fundamentals of Research Design and Data Analysis 2
SOC 362 - Ethics and the Responsible Conduct of Research
SOC 407/807 - Strategies of Social Research - Qualitative Methods
TEAC 830 - Sociological/Anthropological Research Methods in Education
TEAC 930 - Ethnographic Research Methods



Wayne A. Babchuk

Assistant Professor of Practice
Departments of Educational Psychology, Anthropology, Sociology

803 Oldfather Hall (OLDH); 225 Teachers College Hall (TEAC)
402-472-7942

wbabchuk1@unl.edu

Methodological Expertise: Grounded Theory, Ethnography, Grounded Ethnography, Community-Based Participatory Research, MM Grounded Theory.

Research Topics: History, instruction, application of qualitative methods across disciplines; Interdisciplinary collaboration; Research ethics; Kalahari San resource rights; Pitfalls of classroom social media.

Websites: <http://www.unl.edu/anthropology/wayne-babchuk>
<http://cehs.unl.edu/edpsych/faculty/wayne-babchuk/>

QMM Courses Offered: EDPS 900K-Qualitative Approaches to Educational Research; EDPS 935-Seminar in Qualitative Research; ANTH 482/882-Field Methods in Ethnography

More Groups Coming Soon...

- Interdisciplinary Research Interest Group around Immigration, Migration, Refugee, and Multi-Cultural Issues
- Other possibilities:
 - Social Network Analysis
 - Data Issues (Big Data, Open Data, De-identification, Data Archiving, GIS, etc.)
 - Open to other ideas!

RESOURCES

- Voucher Support
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- Software Resources

RESEARCH Nebraska

UNIVERSITY OF
Nebraska
LINCOLN | OMAHA | KEARNEY | MEDICAL CENTER

BOYS TOWN
National Research
Hospital

Welcome to Research Nebraska

Everything ▾

Explore profiles, describe and research at Research Nebraska



Profiles



Research Units



Equipment



Research Output



Projects



Activities



Prizes



Find Profiles

Profiles ▾

Informal science



15 results

Last Name (ascending) ▾



Include results from Experts Community ⓘ



Marc Goodrich, PhD

marc.goodrich@unl.edu
Special Education and Communication Disorders
2013 2016



Brian D Greer, PhD

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Center for Autism Spectrum Disorders
2012 2016



Bradley Scott Barker, PhD

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2006 2016



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Alexandra L Torkelson-Trout

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2005 2016



Lisa Crockett, PhD

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1984 2016



Kathleen M Hanna, PhD

kathy.hanna@unmc.edu
Omaha Nursing Division
College of Nursing
1989 2016



Jukka K Savolainen

jsavolainen@unomaha.edu
School of Criminology & Criminal Justice
1994 2017

RESOURCES

- Voucher Support
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- Referral Network
- Research Groups
- Research Nebraska
- Software Resources

Software Resources

QUANTITATIVE SOFTWARE

[SPSS](#)

[SAS](#)

[R](#)

[MPLUS](#)

[HLM](#)

[STATA](#)

[AMOS](#)

QUALITATIVE SOFTWARE

[ATLAS.ti](#)

[MAXqda](#)

[Nvivo](#)

[Ethnograph](#)

[Dedoose](#)

OTHER SOFTWARE

[Qualtrics](#)

[Stat-Transfer](#)

SAS

SAS for Windows will do every task that other editions of SAS do, plus it is easy to use and its graphic user interface can do a lot more in graphical analyses than the retired mainframe. There are two main components to most SAS programs - the data step(s) and the procedure step(s). The data step reads data from external sources, manipulates and combines it with other data set and prints reports. The data step is used to prepare your data for use by one of the procedures (often called "procs"). The procedure steps perform analysis on the data, and produce (often huge amounts of) output. The most effective strategy for learning SAS is to concentrate on the details of the data step, and learn the details of each procedure as you have a need for them.

Sas can be purchased from Daryl Travnick by email dat@unlserve.unl.edu or 472-4746.

Qualtrics Registration

July 1, 2016 - June 30, 2017 | Online

The SBSRC facilitates access to Qualtrics for UNL faculty, students, and staff. Access varies depending on college affiliation, so SBSRC will help you navigate the system to successfully secure an account. If you are interested in obtaining a Qualtrics account, please complete the form below and the SBSRC will contact you with information on setting up your account.

* First Name

* Last Name

* College

* Primary Department

* Email Address

SUBMIT REGISTRATION HERE

RESOURCES

- Voucher Support
- Archived Presentations
- Referral Network
- Research Groups
- Research Nebraska
- Software Resources

The University of Nebraska- Lincoln has many existing resources available learn more about these valuable resources!

- Academy for Child and Family Well Being
- The Bureau of Business Research
- The Bureau of Sociological Research
- Buros Center For Testing
- Central Plains Research Data Center
- Center for Brain, Biology, and Behavior
- Center for Children, Families, and the Law
- Gallup Research Center and Survey Research Methodology
- The Holland Computing Center
- Minority Health Disparities Initiative
- Office of Proposal Development
- Nebraska Center for Research on Children, Youth, Families, and Schools
- Nebraska Evaluation and Research Center
- Public Policy Center
- Statistics Help Desk

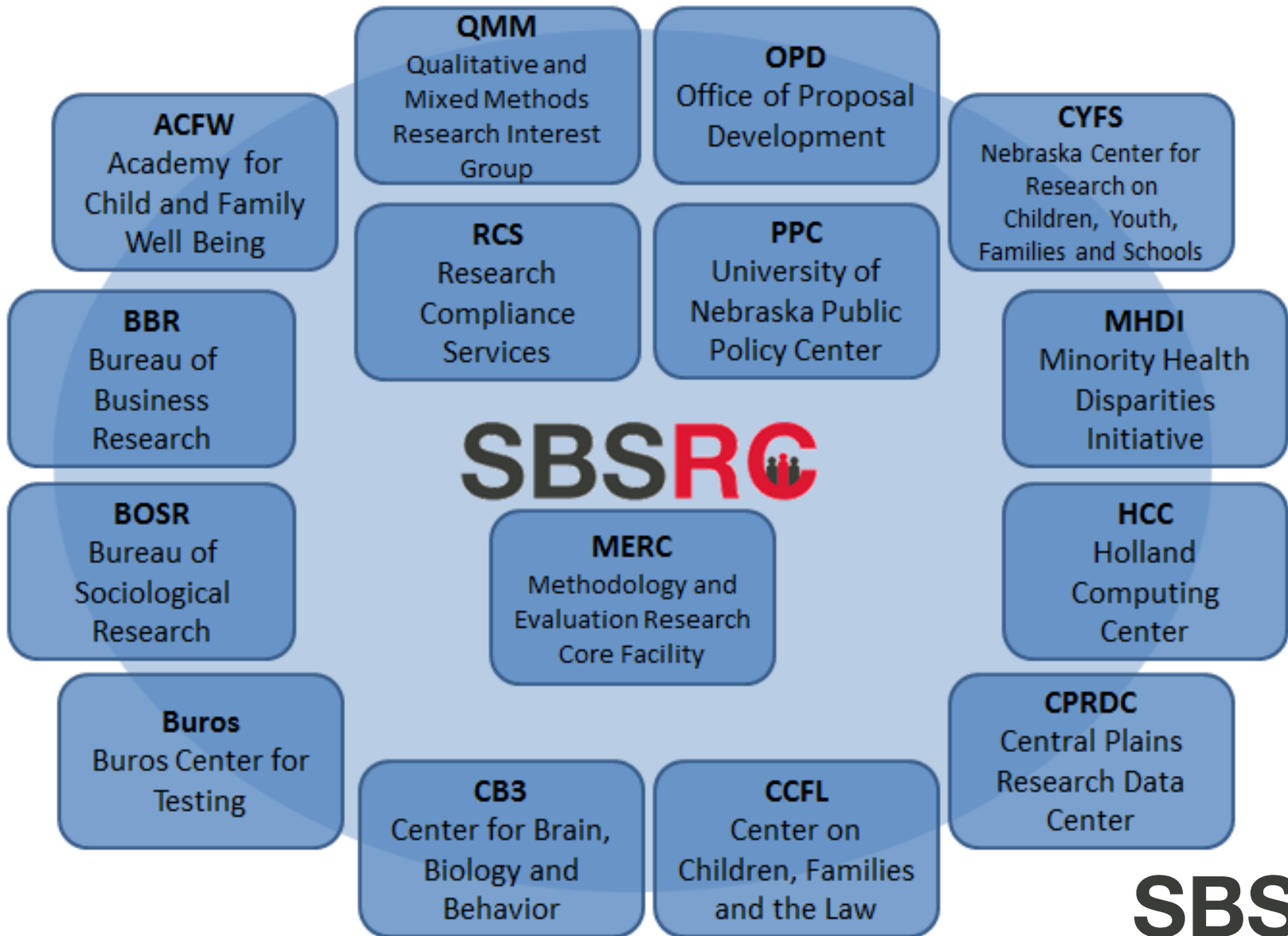
Central Plains Federal Statistical Research Data Center

The CPRDC's mission is to serve the region with restricted-access data sets collected by the US Census Bureau and other federal agencies in a secure computing facility bolster research that expands basic knowledge and provides benefits to the federal statistical system with a secure computing lab where qualified researchers with approved projects can conduct research using restricted-access versions of important datasets maintained by the US Census Bureau and other federal agencies.



REFERRAL NETWORK... BEYOND THE WEBSITE

SBSRC Expertise Matrix



Current Information:

- Two-dimensional
- Text-based
- Formal (Public)
- Not Comprehensive
- Missing preference information

Who?	What?
BBR	The Bureau of Business Research (BBR) is an applied economic and business research entity of the College of Business Administration at the University of Nebraska-Lincoln. Located in the Department of Economics, the BBR exists to accomplish two primary purposes. First, it provides relevant information and insightful data on economic conditions, in Nebraska, the Great Plains, and the nation as a general service to individuals and businesses in the state. Second, the BBR provides economists with practical opportunities to conduct applied economic research and trains students of economics and business in the conduct of applied research on timely economic and business topics. The BBR regularly publishes reports summarizing its sponsored research studies and also publishes outlooks and analyses in the newsletter The Nebraska Economy.
CPRDC	The CPRDC's mission is to serve the region with restricted-access data sets collected by the US Census Bureau and other federal agencies in a secure computing facility bolster research that expands basic knowledge and provides benefits to the federal statistical system with a secure computing lab where qualified researchers with approved projects can conduct research using restricted-access versions of important datasets maintained by the US Census Bureau and other federal agencies.

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Who?

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Research Planning and Preparation (e.g., grant writing, budget preparation, research design, evaluation design and logic models)

Data Collection, Access, and Preparation (e.g., subject pool formation/recruitment/access, data entry, transcription, data cleaning, data merging, survey distribution)

Research Methods (e.g., qualitative, quantitative, mixed methods, focus groups, deliberative discussions, interviews, surveys)

Data Analysis (e.g., ANOVA/MANOVA, multi-level modeling, meta-analysis, psychometrics, qualitative data analysis, time-series, social network analysis, statistical modeling, geographical information systems (GIS))

Reporting (e.g., technical reports, post award reporting, test reviews)

Infrastructure (e.g., computer lab space, special equipment, secure computing, web hosting)

Other Research and Support Services (e.g., web design, graphic design, programming, data deidentification)

Other Topical Expertise (e.g., special topics such as education, child development, economics, cognitive psychology, etc.)

**WHAT
are you
needs?**

Best fit
referral

HOW are services provided?

- **Service-for-fee**

- E.g., pay for someone to DO a task for a fee

- **Partnership**

- E.g., collaborative arrangement (co-authorship)

- **Consultation**

- E.g., advice without “doing it” (for a fee or not).

- **Resources and Training**

- E.g., formal training, webinars, internship opportunities, educational materials

Coming soon...SBSRC Technology Inventory

- What Technology?
 - Name, descriptions, functionality
- Where is it?
 - College, department or unit
- How can you use it?
 - For a fee or free? Via collaboration? With training (is training available)? Availability: How much is it currently utilized by others?
- Who are the experts on it on campus?
 - Who can help or collaborate?

SBSRC Technology Inventory (Examples)

Equipment:

- 3T fMRI Scanner
- Diffusion Tensor Imaging
- ERP/EEG Brain Recording System
- Eye-tracking Devices
- High-density near infrared spectroscopy (NIRS)
- Transcranial Magnetic Stimulation (TMS)
- Transcranial Doppler (TCD)
- Rotary Chair
- Computerized Dynamic Posturography
- Motion Analysis System
- Oculus Rift
- Skin Conductance
- ActiGraph Accelerometry Monitors
- 3-D printer

Centers and Services

- CB3
- Saliva Assay Services
- UNL Makers Club
- REACH Lab (Social network analysis)
- Holland Computing Center

Software

- Statistical: SAS, SPSS, R, Stata
- Survey: Qualtrics, RedCap
- GIS: Arc GIS or MapWindow GIS
- Social network: NodeXL, Gephi, SocNetV
- Qualitative: Atlas.ti, Nvivo
- Programming: Python

THANK YOU!

Questions?

**Social and Behavioral Sciences
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