

SSP

Survey, Statistics
& Psychometrics
Core Facility

Brown
Bag Series
2006-2007

SEPTEMBER 29 BEHAVIORAL HEALTH RESEARCH OPPORTUNITIES FOR SOCIAL SCIENCE RESEARCH

The objective of this session is to provide an introduction to the types of social science research supported by the National Institute of Health (NIH). This session will offer an overview of the types of grant opportunities and announcements (e.g., RFA, RFP), NIH agencies and centers with particular relevance to social scientists (e.g., NIMH, NIDA, NICHD), and grant mechanisms with a particular emphasis on those appropriate for new investigators (e.g., R03, R21, K01). **This is a joint session with the Behavioral Health Program of Excellence.**

PRESENTER: Dan Hoyt

LOCATION & TIME: 104 Benton Hall, 12:00pm-1:00pm

OCTOBER 6 THE STRUCTURE OF NIH GRANT APPLICATIONS

This session will summarize the required elements of an NIH grant application. Discussion of each core element (e.g., budget, personnel, specific aims, prior studies, research methods and design, human subjects protection) and where on campus you can get assistance in preparing your grant will be covered. This session will also provide an introduction to the new required electronic submission format for R03 and R21 applications (eventually all mechanisms will be electronic). **This is a joint session with the Behavioral Health Program of Excellence.**

PRESENTER: Dan Hoyt

LOCATION & TIME: 104 Benton Hall, 12:00pm-1:00pm

OCTOBER 17 WRITE WINNING GRANTS

The Office of Research will be offering this grant writing seminar. Please register at <http://avalanche1.unl.edu/research/rs1.php>

LOCATION & TIME: East Campus Union, 8:00am-5:00pm

NOVEMBER 10 RESEARCHER PANEL

Want to do research, but don't know where to begin? Learn from other UNL researchers how they progressed from beginning researchers to where they are today. The panel participants will discuss how they got started in research, tips on funding opportunities, and lessons they've learned. The panel will include Sue Sheridan from Educational Psychology, Marc Kiviniemi from Psychology, and Rose Torres Stone from Sociology.

LOCATION & TIME: 104 Benton Hall, 12:00pm-1:00pm

DECEMBER 1 CONNECTING RESEARCH OBJECTIVES WITH APPROPRIATE DESIGN AND ANALYSIS TECHNIQUES

This session will walk you through a protocol template designed to guide you through the issues you will need to address when planning a research project. Attending this session will help you produce a higher quality proposal by helping you identify the relevant details for your project from general objectives (typically stated in subject matter terms) through determining the most effective design and analysis (typically stated in "methodology-speak").

PRESENTERS: Walt Stroup and members of the Statistics Department

LOCATION & TIME: 104 Benton Hall, 12:00pm-1:00pm

JANUARY 26 AN INTRODUCTION TO EVALUATION RESEARCH

Almost every funding agency now wants an "evaluation" of your projects' success. But, what is evaluation? What are those scary terms like formative, summative, outcomes, and logic models? This session will cover the basics of evaluation including how to plan for evaluation, how to meet funding agency evaluation needs, and how to use evaluation for your own benefit.

PRESENTER: Duane Shell

LOCATION & TIME: 104 Benton Hall, 12:00pm-1:00pm

FEBRUARY 9 AN INTRODUCTION TO SAMPLING AND POWER ANALYSIS

I've decided on a design. Now, how many observations do I need? Sample size is a critically important factor in conducting successful research. A needlessly large sample is expensive and may be counter-productive, but an inadequate sample can prevent you from detecting important differences. This session will cover the various factors to consider when determining the "right" sample size for your research.

PRESENTERS: Walt Stroup and members of the Statistics Department

LOCATION & TIME: 104 Benton Hall, 12:00pm-1:00pm

FEBRUARY 23 AN INTRODUCTION TO QUALITATIVE DATA ANALYSIS USING SOFTWARE

You've probably heard of software packages such as SPSS, SAS and MiniTab that are used for analyzing quantitative data. But, what do we do when our data consists of hundreds of pages of text and images? Researchers can choose to use qualitative data analysis software such as NVivo, Atlas.ti, HyperResearch and MAXqda. This session will review basic principles of qualitative research and the software packages that are available to analyze qualitative data and will show how software can be an effective tool for qualitative data analysis using Atlas.ti as an example.

PRESENTER: Ronald J. Shope

LOCATION & TIME: 104 Benton Hall, 12:00pm-1:00pm

MARCH 9 AN INTRODUCTION TO MIXED METHODS RESEARCH

Interest in using research approaches that mix quantitative and qualitative data and analysis has emerged to the point where mixed methods research is now considered as a third methodological approach along side quantitative and qualitative research (Tashakkori & Teddlie, 2003; Johnson & Onwuegbuzie, 2004). While interest is growing, most researchers currently lack a clear definition of this approach and an understanding of when it can or should be used. This session will present a straightforward introduction to mixed methods research by addressing the questions most often asked by researchers new to mixed methods: What is this approach? When should it be used? What are its advantages over other approaches? What designs are available? Is it realistic to use this approach? The discussion of these issues will be augmented with examples drawn from across the social and health sciences.

PRESENTER: John Creswell

LOCATION & TIME: 104 Benton Hall, 12:00pm-1:00pm

MARCH 23 AN INTRODUCTION TO SURVEY RESEARCH

What survey research design is most appropriate for my research needs? This session will focus on how to include a survey research component in your proposal. Various survey data collection modes (telephone interviews, personal interviews, mail, web, etc.) will be described to help you determine the appropriate survey design for your research needs. This session will also cover basic questionnaire design and pretesting issues to help guide you through the process of conducting survey research.

PRESENTERS: Julia McQuillan, Bob Belli, and Mindy Anderson-Knott

LOCATION & TIME: 104 Benton Hall, 12:00pm-1:00pm

APRIL 10-12 SPRING RESEARCH FAIR

Take advantage of the chance to learn more about funding opportunities at the 2007 UNL Spring Research Fair offered by the Office of Research. **Visit <http://ssp.unl.edu> for more details.**