



# Advanced Training Institute on Single-case Research Methods

MADE POSSIBLE BY



## Summer Research Training Institute: Single-Case Intervention Research Design and Analysis (June 4-8, 2018)

**Objective:** The National Center for Special Education Research (NCSE) in the Institute of Education Sciences (IES) of the U.S. Department of Education, in conjunction with the University of Oregon, announces a Summer Research Training Institute on Single-Case Intervention Research Design and Analysis, to increase the national capacity of education researchers to conduct methodologically rigorous single-case intervention studies.

**Training Institute Sponsor:** The University of Oregon, with a grant from the Institute of Education Sciences, is providing support for this Summer Training Institute.

**Dates:** June 4 - 8, 2018

**Location:** **The Best Western Plus Inntowner  
Madison, WI**

This one week Training Institute will be held at the Best Western Plus Inntowner near the campus of the University of Wisconsin-Madison. Classroom instruction will take place, and Institute participants will be housed, at the Best Western Plus Inntowner in downtown Madison, WI.

**Course Content:** The course sessions will provide education researchers with intensive training in the skills required to plan, design, implement, analyze, and interpret single-case intervention studies. The Institute will focus on intervention research in which the “cases” consist of either individual participants or clustered educational units (e.g., small groups, classrooms, schools).

**The course will enable participants to:**

- Describe the logic and principles underlying scientifically credible single-case intervention research and their advantages for making causal inferences about intervention effects.
- Understand the situations and conditions for which single-case intervention research is applicable.
- Familiarize themselves with both traditional single-case designs and recent advances that improve the designs’ scientific credibility.
- Acquire knowledge about both visual and statistical techniques for aggregating and analyzing the data from single-case intervention investigations.
- Recognize the strengths, limitations, and yet-to-be resolved issues associated with single-case intervention research.
- Understand how to transition from single-case designs to traditional “group” designs, and how single-case research can complement group designs.
- Participate in small-group projects to collectively develop research proposals for conducting a scientifically credible single-case intervention investigation.

**Eligibility  
Requirements and  
Selection Criteria  
for Training  
Institute Fellows:**

1. Applicants must have a doctoral degree (e.g., Ph.D., Psy.D., Ed.D.) and experience in conducting research relevant to education.
2. Applicants must be citizens or non-citizen nationals of the United States, or must have been lawfully admitted to the United States for permanent residence (i.e., possess a currently valid Alien Registration Receipt Card I-551, or other legal verification of such status).
3. Preference will be given to individuals who (a) have demonstrated their ability to conduct independent intervention research, (b) are currently employed in a setting in which conducting research relevant to education is part of their regular responsibilities, (c) are employed in a setting where teaching single-case methods is part of their responsibilities, and (d) can demonstrate that they have a need for the knowledge and skills addressed in the Training Institute. Each application will be evaluated on its own merits. If more than 35 meritorious applications are received, other criteria such as disciplinary, geographical, and institutional diversity will be taken into account.
4. Applicants must have familiarity with basic statistical methods and must be experienced in using personal computers and statistical computer packages. The Training Institute will include “hands on” data-analysis sessions. Some experience with SPSS (or other statistical software) procedures, including conducting graphical and standard statistical analyses (e.g., frequency and scatter diagrams, cross-tabulations, analysis of variance, regression analyses), is expected.

Women, minorities, and individuals with disabilities are especially encouraged to apply. Both junior and senior researchers who would benefit from the knowledge and skills addressed in the Summer Training Institute are encouraged to apply, although because of space limitations, preference will be given to the former. If selected for participation in the Institute, individuals who require reasonable accommodations for disabilities should contact Andrea Popp ([andrea.popp@nccsite.com](mailto:andrea.popp@nccsite.com)) at 703-243-9696.

**Costs and Stipends:**

The University of Oregon will pay the cost for attendees' tuition and course materials, and for lodging. **Accepted attendees will be responsible for their own travel and food costs.**

**Application Procedures:**

The Summer Training Institute will be offered June 4 - 8, 2018. Individuals interested in attending the Summer Training Institute should use the link below to submit the following materials:

1. A copy of the applicant's **curriculum vitae**. The curriculum vitae must include information on the applicant's:
  - a. Title/position at the institution or organization
  - b. Current and past teaching assignments relevant to single-case research
  - c. Academic/professional degree
  - d. Citizenship status (citizen or permanent resident)
  - e. Currently funded research grants and the sources of funding
  
2. A **2- to 3-page personal statement** describing the applicant's:
  - a. Current and planned intervention research projects.
  - b. Previous statistical training and familiarity with statistical packages (e.g., SPSS).
  - c. How the workshop is likely to influence the applicant's future research (e.g., if the applicant has experience with group designs, describe how single-case intervention research skills will strengthen the applicant's program of research or if the applicant currently has experience in single-case research describe how additional training will benefit the applicant's research).

**Requirement: The personal statement is limited to 3 single-spaced pages in 12-point font and must be attached as a MS Word document or as a PDF file. Application materials should be submitted online at: <http://www.nccsite.com/SCDInstitute2018/application/>**

**All applications must be received no later than April 1, 2018 at 11:59 p.m. EST.**

Applications are currently being reviewed and applicants will be notified no later than **April 16, 2018** via electronic mail. Selected applicants will receive the Summer Training Institute schedule and information about travel and lodging.

**Instructors:**

John M. Ferron, Ph.D., University of South Florida  
Robert H. Horner, Ph.D., University of Oregon (co-director)  
Ann Kaiser, Ph.D., Vanderbilt University  
Thomas R. Kratochwill, Ph.D., University of Wisconsin-Madison (co-director)  
Joel R. Levin, Ph.D., University of Arizona and University of Wisconsin-Madison (co-director)  
Wendy Machalicek, Ph.D., BCBA-D, University of Oregon (co-director)  
James E. Pustejovsky, Ph.D., University of Texas-Austin

**Single-Case Intervention Research Training Institute inquiries:**

Wendy Machalicek  
University of Oregon  
E-mail: [wmachali@uoregon.edu](mailto:wmachali@uoregon.edu)

**Inquiries about submission of the Single-Case Intervention Research Institute application materials:**

Andrea Popp  
National Capitol Contracting, LLC  
Telephone: 703-243-9696  
E-Mail: [andrea.popp@nccsite.com](mailto:andrea.popp@nccsite.com)