



Researcher-Practitioner Collaboration Grant (RPCG) Introductory Webinar

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The ASH Foundation's Mission

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- Provide early support
- Explore bold ideas
- Discover forward-thinking solutions
- Improve people's lives



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Today's Plan

- Webinar Purpose
- RPCG Goals
- Collaborative Partnership
- Research Proposal
 - Specific Aims and Significance
 - Approach – Design and Methodology
 - Facilities and Resources – Investigators and Environment
 - Other important sections of the proposal



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RPCG Goals

- Enhance evidence for improving communication sciences and disorders (CSD) services
- Facilitate strong collaborations between researchers and practitioners
- Address a clinical problem that has direct application to practice
- Complete in 1-2 years and lead to a large-scale research collaboration



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Collaborative Partnership

- Researcher from an academic or organizational institution and practitioner from an applied setting
- Collaborators from CSD or related discipline
- Principal Investigator (PI) either researcher or practitioner
- Partnership new or existing with mutual interest and commitment to research topic



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Collaborative Partnership continued

Researcher must have:

- Ability and capacity to conduct scientifically valid research
- Expertise in the content area and commitment to clinical problem
- Plan for incorporating proposed study into larger program of research
- Time for participation in the study



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Collaborative Partnership continued

Practitioner must have:

- Experience with and access to the clinical population of interest
- Organizational support
- Commitment to the clinical problem
- Time for participation in the study



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Research Proposal

Research Plan

- **Specific Aims and Significance**
- Approach – Experimental Design and Research Method
- Facilities and Resources – Investigators and Environment

Additional Information

- Collaboration Plan
- Management Plan
- Budget



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Specific Aims and Significance

Three components:

- Advancing science: description of the CSD conceptual issue(s)
- Advancing practice: description of the CSD practical issue(s)
- Delineation of the research specific aims and research questions



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Advancing Science

- How will this study address the knowledge gap in CSD?
- What is the theoretical/conceptual importance of this research to CSD?
- How will this study advance the science of Increasing evidence in practice?
 - What will you learn about procedures, measures, analyses?



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Advancing Practice

- How will the research inform clinical practice?
- How might clinical practice change?
- Why is resolving this problem important?
 - Costs
 - Symptomatology
 - Quality of life
 - Safety, etc.



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Specific Aims and Research Questions

What type of study is being proposed?

For example:

- Exploration study (e.g., practice needs)
- Development study
- Evaluation study for an assessment or treatment (e.g., Efficacy, Effectiveness)
- Implementation study (Or Hybrid study)
- Sustainability study



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Specific Aims and Research Questions

Are research questions or hypotheses most appropriate for the study type?

- Exploratory/descriptive questions
- Answerable hypotheses



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Approach: Experimental Design and Research Method

Approach

- Design
- Setting
- Participants
- Procedures
- Measurement



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Design

Consider three (main) approaches:

- Quantitative
- Qualitative
- Mixed Methods

Differ in:

- Research objectives
- Methods for data collection, coding, reduction, analysis



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Design

Does the study use a **quantitative** approach?

- Observational
- Correlational
- Quasi-experimental
- Experimental
- Data Mining



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Design

Does the study use a **qualitative** approach?

- Ethnographic
- Phenomenological
- Grounded Theory
- Case Study



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Design

Does the study use a **mixed methods** approach?

- Convergent
- Explanatory sequential
- Exploratory sequential



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Setting

Where will the research take place?

For example:

- Clinic
- Classroom
- Home
- Hospital room
- Administrative offices



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Participants

Who are the key participants?

What are the inclusionary/exclusionary criteria?

For example:

- Practitioners
- Clients
- Families/Significant others
- Administrators
- Policy Makers



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Procedures

What will be done? What will be manipulated?

For example:

- Exploratory study – interviews or file review to evaluate current practice routines or practice needs
- Evaluation study – administration of an assessment instrument or treatment protocol
- Implementation study – training practitioners or assessing “buy in”



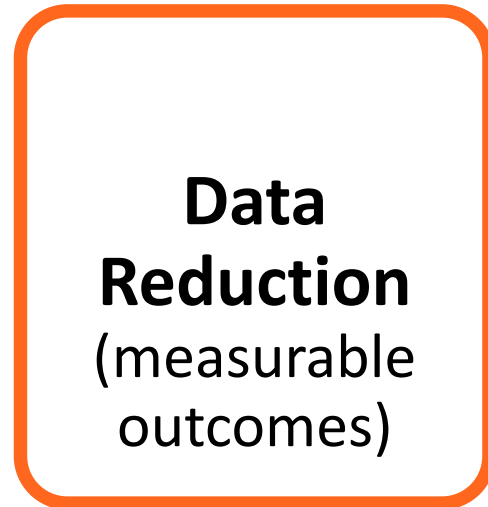
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Measurement

Three Components



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How will the data be collected?

Quantitative

For example:

- Observation – coding behaviors
- Self-report
- Rating scales
- Surveys
- Tests

Information regarding reliability

Qualitative

For example:

- Observation
- Interviews
- Focus groups
- Document review

Information regarding credibility



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How will the data be reduced? What are the outcome measures?

Assessment or Treatment Outcomes

For example

- Behaviors
- Attitude

Service Delivery Outcomes

For example

- Efficiency
- Effectiveness
- Satisfaction
- Needs

Implementation Outcomes

For example

- Adoption
- Fidelity
- Sustainability



How will the data be analyzed?

Quantitative

For example:

- Descriptive statistics
- Inferential statistics
- Mathematical models

Qualitative

For example:

- Content analysis
- Thematic network analysis

Mixed Methods

Integration of quantitative (numerical) and qualitative (narrative) data



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Investigators

Who are the key members in the collaborative partnership and what is their history of working together and examining the study focus?

What are their

- Roles and responsibilities (who is PI)
- Qualifications
- Time availability
- Organizational commitments
- Previous collaborative efforts



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Environment

What are participating research and practice institutions?

- Include Letters of Institutional Commitment

Are secondary data being analyzed?

- Include Letters of Support

What is the availability and involvement of participants?

- Include recruitment plans, incentives



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Collaboration Plan

What is the collaboration plan?

- Management structure for tracking study and ensuring high quality research
- Partners' roles and partnership's decision-making process
- After the study: opportunities for the partnership to continue



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Management Plan

What is the management plan?

- Major study activities and timeline (include ASHFoundation report deadlines)
- Dissemination of research results
- Submission of follow-up grant proposals (including potential funding agencies, grant mechanisms, and anticipated deadlines)



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Budget (Award Amount \$35,000)

What is the requested budget and disbursement plan?

- Alignment of funds with study objectives and activities
- Other resources or support, including matching funds from researcher's or practitioner's institution



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Human Subjects

How are Human Subjects protected?

- Human subject participation and the Human Subjects/Institutional Review Board (HS/IRB) process
- See guidelines for specific HS/IRB information required



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Supporting Documents

What support is being provided for the study?

- **Letters of Institutional Commitment** for each investigator
- **Letters of Support** from other collaborating institutions and key personnel (for example, institutions associated with recruitment or statistical consultants)



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Questions



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Researcher-Practitioner Collaboration Grant

Submissions

The online submission system will open later this week.

Submission deadline is April 16, 2018.

For additional questions, contact foundationprograms@asha.org.



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**Thank you and
Good Luck!**



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