

**Missouri Chapter of the American Physical Therapy Association  
Research Grant Program**

**APPLICATION FOR GRANT AWARD**

**2007**

**I. Principal Investigator**

A. Name, Title/Position, Social Security Number of Principal Investigator:

Name: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Social Security Number: \_\_\_\_\_

B. Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

C. Telephone: (work) \_\_\_\_\_ (home) \_\_\_\_\_ (FAX) \_\_\_\_\_

D. School attending (if student): \_\_\_\_\_

E. Names of Co-Investigators: \_\_\_\_\_ Social Security #: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**II. Title of Research Study:** \_\_\_\_\_

\_\_\_\_\_

**III. Duration of Grant Period** (maximum 2 years):

\_\_\_\_\_

**IV. Amount of Funds Requested from the Missouri Physical Therapy Association:** \$ \_\_\_\_\_

## V. Narrative Description

Attach a narrative description of the research study with the following sections:

*(This should be limited to no more than five pages.)*

### 1. Introduction

- a. *Provide a brief introduction to the problem*
- b. *Outline the theoretical rationale for the study*
- c. *Objective: State the overall objective or long-range goal of the research study and outline the specific aims, research questions or hypotheses. The aims and associated objectives should be stated in measurable terms.*
- d. *Background: Review the most significant previous work and describe the current status of work in this field. Document with reference. Note the gaps in the literature that support the need for the research study. Describe any preliminary work the Principal Investigator or other members of the research group have done which led to this research study. Explain the potential significance of the research study.*

### 2. Methods

This section should include:

- a. *brief statement of overall research design, dependent variables and design controls.*
- b. *materials and methods. Include: Subjects (number, selection process, inclusionary/exclusionary criteria, sampling techniques, controls, attrition, etc.); instruments (description, manufacturer, reliability/validity); procedures (should be reproducible)*
- c. *data to be collected and projected methods to be used for analysis and power analysis.*
- d. *projected timetable for completion of the research study ( this should list all major steps in the research study in the order in which they will be initiated, and for each step state the approximate dates on which you anticipate starting and completing work).*

### 3. Resources Available

- a. *Describe the facilities, special equipment, consultative services, and other relevant resources available for research study. If any of these are to be secured through collaborative arrangements with institutions other than that which might be indicated in the address of the Principal Investigator, attach letters from each such institution confirming their willingness to provide these resources.*
- b. *List amount and source of any other support which may be applied to this research study, e.g., personal resources, other grants, costs absorbed by employer/institution.*

## VI. Background of PI and Co-Investigators

Include a brief (no more than two page) curriculum vitae for each investigator.

*(If primary investigator does not have previous research experience, evidence of collaboration with an experienced researcher is necessary and must be documented by inclusion of a letter from the experienced researcher.)*

## VII. Plans for Future Work and Sharing of Results

1. Describe your plans for sharing the results of your research study through such means as publication; presentation at meetings, including, but not limited to, APTA at a local, state, and national level; etc.
2. Summarize any plans you have for continuing work in this problem area after this research study has been completed.

## VIII. Abstract

**ON A SEPARATE SHEET OF PAPER NOT STAPLED IN THE APPLICATION**, include an abstract of the research study of no more than 500 words.

## IX. Consent/Verification Forms

1. Attach, as appropriate, copy of Human Subject Informed Consent Form or Animal Research Committee approval.
  - a. *Human Subject Informed Consent: Applicants must present an informed consent form, which has been approved by the Human Subjects Committee of their institution. An accepted informed consent format includes in plain language an explanation of the purpose of the research, procedures that the individual will be subjected to, the risks involved, the expected duration of the subject's participation, the fact that participation is voluntary, that the identity of the subject will be kept confidential, whom to contact for answers to pertinent questions, and, in the event there are problems or dissatisfactions, the fact that the subject may withdraw from the research study at any time without prejudice, and signature spaces for the subject, principal investigator, and witness (if necessary).*
  - b. *Animal Research Committee Approval: If the research methodology will include the use of animal subjects, applicants must supply verification that the research study has met the criteria for use of animal subjects and been approved by the appropriate committee on the use of animal subjects at their institution. Applicants must also supply information to verify that the research study cannot be accomplished in any other manner than with the use of animal subjects.*

**NOTE: IF THE HUMAN SUBJECT INFORMED CONSENT FORM OR THE ANIMAL RESEARCH COMMITTEE APPROVAL IS NOT INCLUDED, THE APPLICATION WILL NOT BE REVIEWED UNTIL SUCH TIME AS IT IS PROVIDED. IF THE APPROVAL IS IN PROCESS, A COPY MUST BE INCLUDED. IF INCLUDED, THE APPLICATION WILL BE REVIEWED, BUT, IF THE APPLICATION IS APPROVED, FUNDING WILL BE HELD UNTIL A COPY OF THE APPROVAL IS RECEIVED.**

## X. Budget Summary

Provide a breakdown of expenses in the appropriate categories: *(include a justification or explanation of all expenses)*

**XI. Academic/Institution Approval**

A. Is this research study part of a course of study for an educational degree?      yes      no

1. If "yes" is checked, has approval been received from all necessary committees and school authorities to pursue this research study?      yes      no

a. If "yes" is checked attach a copy(ies) of all approvals or a letter from your research advisor.

2. If not yet approved, list the required approval(s) and the anticipated approval date(s):

Date: \_\_\_\_\_

Date: \_\_\_\_\_

*NOTE: If approved for funding, a copy(ies) of all approvals or a letter from your research advisor must be submitted before funding will be provided.*

B. Has this research study received all necessary institutional approvals?      yes      no

1. If "yes" is checked attach a copy(ies) of all approvals.

2. If not yet approved, list the required approval(s) and the anticipated approval date(s):

Date: \_\_\_\_\_

Date: \_\_\_\_\_

*NOTE: If approved for funding, a copy(ies) of all approvals must be submitted before funding will be provided.*

C. Is this research being conducted by a physical therapy education program faculty member?  
 yes      no

1. If "yes" is checked attach an approval letter from the Department Chair, Research Committee or IRB, as appropriate.

2. If not yet approved, list the required approval(s) and the anticipated approval date(s):

Date: \_\_\_\_\_

Date: \_\_\_\_\_

*NOTE: Applications may be considered prior to receipt of approval(s) and grants may be awarded contingent upon notification of receipt of such approval(s).*

**XIII. Certification**

I certify that the statements herein are true and complete to the best of my knowledge and agree to any conditions placed on the award.

I agree that any equipment purchased with grant funds shall be donated, upon completion of the research study, to the school or institution where the research is conducted.

I understand and agree that the use of grant funds is restricted to actual expenses of the research study and may not be used for administrative overhead of the sponsoring institution and that grant funds may not be requested or used for preparation of grant application; or preparation of a presentation for, registration for, or travel to meetings to present findings of the research study.

I agree to submit reports as required if the grant is awarded.

I agree to submit a written justification for transfer of funds from one item in the budget to another or to a new item and to receive approval for such a transfer prior to making such an expenditure and understand that if such approval is not granted I may be required to return all or part of the funds granted.

I agree to return grant funds if this research study is not completed within the projected time (may be extended as indicated), is substantially changed from the research study as described in this application, or if I am unable to complete the study and cannot find a new principal investigator who is willing to complete the study.

\_\_\_\_\_  
Signature of Person in **Item I. A.**

\_\_\_\_\_  
Signature of Faculty Advisor (When research study fulfills educational degree requirement).  
Signature constitutes agreement to facilitate transfer to grant to another student or to become principal investigator if necessary.

If grant is approved, to whom should the grant check be issued?

Institution/Other (Please provide specific name): \_\_\_\_\_

Is this a corporation?     Yes         No

If not a corporation, give Taxpayer Identification Number: \_\_\_\_\_

**This Application Form is for use for the deadline of March 1, 2007.**