

GRANTS

PURPOSE

The Orthopaedic Section supports its members by funding studies to systematically examine orthopaedic practice issues. The purpose of this grant program is to address the urgent need for clinical research in orthopaedic physical therapy. Emphasis for this funding mechanism is aimed at junior researchers, who are those who have not been funded or had very limited funding by extramural or intramural grants.

TARGETED RECIPIENTS OF THE GRANT PROGRAM

The grant program is designed to provide funding to any Orthopaedic Section member who has the clinical resources to examine a well-defined clinical practice issue, but who needs some external funding to facilitate completion of the clinical research project.

Studies Eligible for Funding

Eligible studies will address one of the four following areas:

1. examine the effectiveness of a treatment approach on a well-defined sample of patients with orthopaedic problems;
2. examine patient classification procedures for the purposes of determining an appropriate treatment;
3. further establish the meaningfulness of an examination procedure and/or
4. examine the role of the orthopaedic physical therapist in the health care environment.

Authors must state the purpose that their grant addresses.

Availability of Funding

The Orthopaedic Section has earmarked \$30,000 to be awarded to support clinical research that is relevant to orthopaedic physical therapy that addresses one of the four areas described above. Individual grant applications are limited to a maximum of \$10,000 funding over a 2-year period. The grant may be used to purchase equipment, pay consultation fees, recruit patients or fund clinicians to collect data. No overhead is allowed with this grant program. Physical therapists receiving funding from this program will be expected to report their findings at a Combined Sections Meeting within 3 years of receipt of funding. Recipients will also receive \$300 to assist with the costs for presentation of the work at a Combined Sections Meeting. Travel money for the explicit purpose of executing the study is permitted as a budget item. Travel money for travel to conferences is not permitted. Evidence of approval from the investigator's Institutional Review Board for Biomedical Research must be provided before the funding will be released.

INSTRUCTIONS FOR SUBMITTING AN APPLICATION:

Applications should consist of, in this order:

- Cover Sheet: Grant Application Form
- Table of Contents (with corresponding page numbers for each section listed below)
- Section 1: Abstract (1 page maximum) - must include:
 - Background, Purpose, Design, Methods, Data Analysis, Significance
- **Sections 2 - 5: Research Plan** (10 page maximum) - must include:
- Section 2: Specific Aims and Hypotheses
- Section 3: Background and Significance
- Section 4: Preliminary Data
- Section 5: Experimental Design and Methods
 - Design
 - Subjects
 - Methods
 - Variables
 - Statistics
 - Statistical Analysis
 - Power Analysis
 - Limitations
 - Potential problems and risks
- Section 6: Bibliography
- Section 7: Appendices
 - Appendix A: Timeline
 - Appendix B: Budget and Budget Justification
 - Appendix C: Biosketches for each investigator (3 page maximum for each)
 - Name and Position Title
 - Education / Training (Institution and Location, Degree, Year, Field of Study)
 - Positions Held and Honors
 - Publications
 - Funding History
 - Appendix D: Facilities
 - Appendix E: IRB Informed Consent and Approval statement of submittal for approval

- Appendix F: Other: Data collection forms, surveys, etc.
- Appendix G: If previously funded by the Orthopedic Section, please submit as Appendix G a brief summary (1 page maximum) to include: title of the funded project by the Orthopedic Section, date of funding, and results of previous funding

The description of human subjects should address the following:

- Risks to human subjects including involvement and characteristics of human subjects, sources of research material and potential risks
- Adequacy of protection against risks including procedures for recruitment, informed consent and protection against risks
- Potential benefits of the proposed research to the subjects and others
- Importance of the knowledge to be gained

When formatting the application, margins must be at least 1 inch. Font must be either Times New Roman 12 point or Arial Regular 11 point. The applicant's last name and page number should appear at the top of every page, starting with page 1 with the first page of Section 2 (Specific Aims and Hypotheses).

CRITERIA FOR REVIEW OF APPLICATIONS:

Priority will be given to applications that meet the following criteria:

- Have a specific and well-designed purpose that is judged to be consistent with the types of research studies eligible for funding described above.
- The sample to be studied must include patients/clients with impairment of the musculoskeletal system. For studies examining the role of the orthopaedic physical therapist in the health care environment, the sample to be studied should include physical therapists involved in the delivery of orthopaedic physical therapy.
- Projects that involve multiple clinical sites.
- Projects that examine the effectiveness of orthopaedic physical therapy.
- Projects that are currently not receiving funding from other sources.
- Studies that have evidence of preliminary work.

The application must be postmarked by November 15, 2007. Each application should include one original and six copies of all material. Members of the Orthopaedic Section Research Committee will review each proposal to determine if it is one of the four types of proposals eligible for funding and to determine if it includes a suitable subject population (i.e. patients with musculoskeletal impairment or physical therapists if the study examines the role of an orthopaedic physical therapist in the health care environment). Eligible applications will be forwarded to an external grant review committee that will review and rate each eligible application for scientific merit. The highest rated applications will be selected for funding. All applicants will be notified of the results in March, 2008. Grants should indicate a start time no sooner than April 15, 2008.

TO RECEIVE AN APPLICATION, YOU MAY CONTACT THE ORTHOPAEDIC SECTION OFFICE:

Orthopaedic Section, APTA, Inc.
 2920 East Avenue South, Suite 200
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