



# POSNA RESEARCH GRANTS

## *Letter of Intent Instructions - 2020 Grant Cycle*

**NOTE: A “Letter of Intent” is required in order to be eligible to submit a full grant application.**

**Deadline for Submission of Letter of Intent: September 13, 2019**

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**Format:** Two pages • Single spaced • 11 Arial or 12 Times New Roman font • 0.5 cm margins • Figures are allowed • Minimum figure legend font is 9 Arial or 10 Times New Roman • Figures DO count against the page limit • Most relevant citations should be included, but do not count against the page limit.

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### **1. Introduction**

#### **A) Type of Grants Available**

(see [POSNA website](#) for descriptions and requirements for each grant. You will need to submit a separate LOI for each grant you are interested in). **Grants are for a period of up to 1 or 2 years and amount of up to \$30,000, unless otherwise stated:**

- POSNA Directed Research Grant (2 available up to \$50,000 each)
- POSNA Research Grant (2 clinical research, 2 basic science)
- Clinical Trials Planning Grant
- Zimmer Biomet Spine Research Grant
- POSNA Research Start Up Grant (3 available up to \$10,000 each, for a period of one year)
- Angela S.M. Kuo Award
- Arthur Huene Memorial Award
- St. Giles Award
- Registry Grant (for 3 years at \$50,000 per year)

#### **B) Research Team/Keywords:**

Principal Investigator • Co-Investigators • Institutions Involved • Keywords (up to 5)

#### **C) The Problem:**

Identify the problem to be studied.

#### **D) Significance:**

Provide the most up to date estimate of epidemiology, morbidity, mortality and cost of the problem.

#### **E) Needs statement:**

Provide a statement regarding the unmet need(s) to be addressed.

#### **F) Hypothesis:**

Provide an overall and specific hypothesis. The research committee acknowledges that the POSNA grants may not provide funding and timeline sufficient for a large scope project. If applicable, please provide an overall hypothesis of your research program as a whole that address the above detailed unmet need, then follow up with a specific hypothesis as a subset of the overall hypothesis that is pertinent to this specific application.

G) Goals/Objectives:

Provide a summary statement of the goals/objectives to be accomplished in the proposal.

**2. Specific Aims**

Provide a detailed overview of the specific aims to test the stated hypothesis. Include an active statement (to determine...) for each aim, a hypothesis for the aim, a description of the methodology to test this hypothesis and anticipated results. If applicable, provide a brief anticipated sample size calculation. If sample size not applicable, please provide rationale.

**3. Budget/Timeline**

Briefly describe how these aims can be accomplished with the budget and timeline provided for this grant. If the scope of the application is beyond the budgetary and timeline limitations, please describe if/how outside funding sources or research programs will make up for the shortfall. **Please Note:** Travel expenses, PI surgeon salary and indirect costs are not allowed.

**4) Feasibility**

Briefly describe the experience and collaborative history of the assembled team and how that will ensure the likelihood of success in carrying out the proposed research.

**5) Impact**

Provide a description as to how, if proven true, this research will change the significance of the problem and improve the practice of pediatric orthopaedics.

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**Pitfalls to Avoid:** Project doesn't match funding interests of POSNA • Weak hypotheses and objectives • Project scope too large for timeline and budget • Project needs statement is unclear, not compelling • Project is not unique • Failure to have performed a complete literature review to assure that this project's hypothesis and goals are novel.

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