# LSU Orthopedics faculty research proposal

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| **Project Title:** |  | **Date:**  |
| **Faculty Advisor:** |  | **Email:** |
| **Study Design** |  1. Case study  2. Retrospective chart review  3. Randomized clinical trial   4. Other |
| **Research question** (Resource: <http://twp.duke.edu/uploads/media_items/research-questions.original.pdf>) |
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|  **rationale** – Why is this topic of interest to you and the orthopedic community? how will this study contribute to the scientific literature and/or clinical practice? (e.g., corroborate published data, inform clinical decision making, better understand disease mechanisms) |
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| **HYPOTHESIS** – A declarative statement about the expected outcome(s) of the study |
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| **Primary outcome** (e.g., non-union rate @ 90 days, infection rate @ 90 days, improvement in PRO scores at 90 days)  |
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| **Secondary outcome(s)** (e.g., relationship between non-union rate and gender, relationship between infection rate and co morbidities, PRO improvement at various time points) |
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| **Variables of Interest** (e.g., age, gender, BMI, functional classification, medical comorbidities, preoperative alignment, PRO scores) |
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| **Data Source** | Redcap (Dr. Dasa patients )  CHNOLA EMR REdcap (Dr. Krause patients)   UMC epic Louisiana Trauma Database REACHNet Other publicly available dataset (HCUP, CMS, Medicaid) LSU allscripts Ochsner EPIC |