# 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 | | |