Program: Health Outcomes Research (ORES)	Department: Health and Clinical Outcomes Research
Degree or Certificate Level: PhD	College/School: School of Medicine
Date (Month/Year): December 2022	Primary Assessment Contact: Dr. Paula Buchanan and Dr. Divya Subramaniam

In what year was the data upon which this report is based collected? 2021-2022

In what year was the program's assessment plan most recently reviewed/updated? September 2021

We utilized the final paper from ORES 5300: Foundations of Outcomes Research I.
2. We utilized PhD Dissertation-Chapters 1 and 2 (Introduction and Background Literature).

Outcome 2: Critically evaluate clinical aspects and healthcare-specific methodological designs.
1. We utilized the final paper from ORES 5300: Foundations of Outcomes Research I.
2. We utilized the final paper project from ORES 5210: Foundations of Medical Diagnosis and Treatment.
3. We utilized PhD Dissertation- Chapter 3 (Methodology).

Outcome 3: Apply appropriate data management strategies related to clinical aspects of health outcomes.
1. We utilized the final exam of HDS 5320 Inferential Modeling.
2. We utilized the final project ORES 5160: Data Management.
3. We utilized PhD Written exam.

N/A.

How has this change/have these changes been assessed?

N/A

What were the findings of the assessment?

N/A

How do you plan to (continue to) use this information moving forward?

N/A

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• Uses sufficient and appropriate primary resources to develop background or context for research question
• Culminates with a clearly stated purpose/ research question
• Theoretical background and contextual information flow seamlessly into a well stated research question that has potential to add to the professional knowledge base and is of

| Critically evaluate clinical aspects and healthcare specific methodological designs. | Original, clear, creative, and innovative Provides thorough and comprehensive description |

Apply appropriate data management strategies related to clinical aspects of health outcomes.

- Utilize appropriate statistical methods to analyze data in the chosen content area
- Clearly describes the types of variables used
- Clearly describes the outcomes of the data analysis

Effectively communicate study results related to clinical aspects of health outcomes.	• Results are aligned with question and theory • Sees complex patterns in the data • Iteratively explores questions raised by analyses • Results are usable, meaningful, and unambiguous • Presents data clearly and cleverly • Makes proper inferences • Provides plausible interpretations • Refutes or disproves prior theories or finding	• Links results to question and theory • Substantiates the results • Provides plausible arguments and explanations	• Results are correct but not robust • Includes extraneous information and material • Has difficulty making sense of data • Interpretation is too simplistic • Data are wrong, insufficient, fudged, fabricated, or falsified • Data or evidence do not support the theory or argument • Interpretation is too simplistic, and not objective, cogent, or inferences • Overstates the results
Demonstrate a thorough and ethical approach to conducting academic research.	• Utilize appropriate ethical approach to conducting research • Clearly follows instructions set by Saint Louis University Institutional Review Board • Clearly describes study procedures for IRB proposal submission	• Most ethical policies and procedures demonstrated through research studies	• Does not demonstrate a thorough ethical approach to research studies