

Program-Level Assessment: Annual Report

Program(s): Magnetic Resonance Imaging (MRI)

Department: Clinical Health Sciences

College/School: Doisy College of Health Sciences

Date: 9/25/18

Primary Assessment Contact: Marcey Kennedy, MA, ARMRIT, RT(MR)

1. Which program student learning outcomes were assessed in this annual assessment cycle?

PLO #2 "Students will demonstrate effective communication skills when interacting in the MRI profession."

PLO #4 "Students will demonstrate application of professional knowledge."

2. What data/artifacts of student learning were collected for each assessed outcome? Were Madrid student artifacts included?

PLO#2: **MRI 4350 Patient Care and MRI Safety:** Screening Assessment Activity and **MRI 4910 Clinical Practicum:** Preceptor Evaluations

PLO #4: **MRI 4960** Capstone in MRI: Capstone Paper

Madrid artifacts are not applicable.

3. How did you analyze the assessment data? What was the process? Who was involved?

NOTE: If you used rubrics as part of your analysis, please include them in an appendix.

PLO #2: The Screening/Assessment Activity was reviewed by MRI faculty utilizing a rubric for the assignment (see rubric in Appendix), preceptors provided their review based on the mid & final rotation evaluations and the program assessment plan rubric (see Appendix).

PLO #4: The Capstone Paper was critiqued by program faculty for content and format following prescribed parameters (Appendix) and the program assessment plan rubric (Appendix).

All reviews were provided to the Program Director and Clinical Coordinator who together finalized the summary of the data. The Program Director wrote the report.

4. What did you learn from the data? Summarize the major findings of your analysis for each assessed outcome.

NOTE: If necessary, include any tables, charts, or graphs in an appendix.

PLO #2: An average of 85% of students achieved a ranking of "knowledge" or above using the corresponding assessment rubric. ALL students ranked at "analysis" level for the assessment activity demonstrating proficient representation of knowledge. All students progressed from "analysis" to "synthesis" in the clinical practicum demonstrating effective, professional communication with patients and professionals.

PLO#4: An average of 85% of students achieved a ranking of "synthesis" using the corresponding rubric.

5. How did your analysis inform meaningful change? How did you *use the analyzed data to make or implement recommendations for change* in pedagogy, curriculum design, or your assessment plan?

PLO#2: The screening activity and rubric have been through several modifications, and currently the program is not planning to revise the rubric for the coming year, due to good outcomes. Consideration is being made to adjust the metric scale for clinical preceptor evaluations for possible higher accuracy in evaluating student ability.

PLO#4: The capstone papers are typically very good. We may consider adding the capstone presentations to the PLO. Clinical Preceptors and other department faculty assemble to evaluate these presentations, giving a broader group/experience to contribute to the final grade. This would also evaluate the application of professional knowledge.

6. Did you follow up (“close the loop”) on past assessment work? If so, what did you learn? (*For example, has that curriculum change you made two years ago manifested in improved student learning today, as evidenced in your recent assessment data and analysis?*)

This assessment plan is new to the MRI Program for this academic year. Re-assessment will be completed after completion of another full cycle.

IMPORTANT: Please submit any revised/updated assessment plans to the University Assessment Coordinator along with this report.

Appendix

PLO #2

Magnetic Resonance Imaging (MRI)		
Program Learning Outcome (PLO #2): Students will demonstrate effective communication skills when interacting in the MRI profession.		
Knowledge	Analysis	Synthesis
<ul style="list-style-type: none"> Recognize the importance of effective communication in patient interaction 	<ul style="list-style-type: none"> Demonstrate appropriate communication skills in the clinical setting 	<ul style="list-style-type: none"> Integrate effective, professional communication with patients and professionals

PLO #4

Magnetic Resonance Imaging (MRI)		
Program Learning Outcome (PLO #4): Students will demonstrate application of professional knowledge		
Knowledge	Analysis	Synthesis
<ul style="list-style-type: none"> Maintain MRI didactic information for clinical correlation 	<ul style="list-style-type: none"> Correlate didactic information with clinical experience 	<ul style="list-style-type: none"> Incorporate didactic information with clinical experiences