

## Program-Level Assessment: Annual Report

(3 year

### 1. Student Learning Outcomes

Outcome 4: Communicate scientific results effectively.

Outcome 5 outcome(s) Please  
the artifacts in detail, identify the course(s) in which they were collected, and if they are from program  
majors/graduates and/or other students

### 3. Assessment Methods: Evaluation Process

include them in/with this report document

*Chemical Literature (CHEM 3100 Percentage*

*Undergraduate Research (CHEM 3970):*

**Outcome 5: Design and conduct independent research.**

*Undergraduate Research (CHEM 3970):*

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	Most Recent Cycle (FL 2020 - SP 2023)	All Time (FL 2018 - SP 2023)
<b>Undergraduate Research (CHEM 3970)</b>		



Presentation Rubric, Chemical Literature (CHEM 3100), Outcome 4

Content	Strongly	Strongly
Presentation	was well organized	
Material was well covered	adequate depth	
Multiple sources were used and properly		
Topic was clearly explained and could be understood		
Figures were well chosen and useful		

3 4 5 1 2

# Delivery \*

agree disagree

The speaker held the audience's attention and was confident.

The speaker maintained eye contact with the audience and/or engaged the audience.

The speaker was audible and clear.

The speaker was prepared and did not read from the slides.



In-Lab Research Rubric, Undergraduate Research (CHEM 3970), Outcome 5

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