

Action Plan Update

Timing: 2 Years After the Action Plan was Agreed e.g., during AY 2023-2024 for action plans agreed during AY 2021-2022. *Add additional rows, if necessary.*

Program: Chemistry

Academic Year of Program Review: AY 2020-2021

Academic Year of Action Plan: AY 2020-2021

Dean: Pamela Mills

Chair: Andrei Jitianu

Action	Responsible Party or Parties	Financial Resources Used (if applicable)	Mid-Term Status (Achieved/Partially Achieved/Not Achieved/Not Done)	Next Steps	Explanation (if applicable)
Create a Strategic Plan	The entire Department	N/A	Dr. Naphtali O'Connor was named deputy chair for rules and regulations, and he is in the process of creating a draft strategic plan to be presented to the department for discussion and approval	Create a draft of strategic plan to be presented to the department for discussions and eventually approval	
The Department identify Chemistry departments at other public institutions which it aspires to emulate.	Andrei Jitianu & Naphtali O'Connor	N/A	We started the discussions on this objective	Continue the discussion in parallel with the strategic plan. Those two objectives should be accomplished together	

<p>The Department review lessons learned during the pandemic.</p>	<p>All faculty</p>		<p>Each faculty reviewed the tools developed during the pandemic. Videos on subject area now used to support students for active learning process. Additionally, based on this experience we created the first online asynchronous <i>Essential General Chemistry Laboratory</i> (CHE-115) which is offered every semester. The TopHat platform is now used for all General Chemistry classes and has also been deployed in Organic chemistry. In General Chemistry an additional 1 hour of recitation per week was introduced to support learning outcomes for students.</p>	<p>Department will make continuous improvements based on feedback from our students and the new methods developed in active learning education.</p>	
<p>The lack of elective courses</p>	<p>Andrei Jitianu Donna Mc Gregor</p>		<p>In the last two years we have explored introducing new electives. A new class</p>	<p>The department hired a new faculty, and she will teach a</p>	

			<p>Medicinal Chemistry is offered every spring semester. Moreover, there are two independent studies classes which are offered every semester. A radiochemistry elective was offered for the first time in Spring 2023.</p>	<p>new elective in Forensic Analysis.</p>	
<p>Professors should transition to using modern teaching tools and technologies such as iClickers, and videos</p>	<p>All faculty</p>		<p>All faculty started to use modern technology such as PowerPoint presentations and videos in their lectures. The department has also discussed ways in which ChatGPT may be deployed to enhance learning.</p>	<p>There will be continuous improvement based on new methods and technologies. Some of our colleagues are looking in the implementation of AI in active teaching process.</p>	
<p>Creation of a Journal Club</p>	<p>Dr. Patricia Gonzalez</p>	<p>\$500/ semester</p>	<p>This is part of the Chemistry Club which was reactivated as a part of the American Chemical Society Club Chapter. The Chemistry Club was reactivated in the Fall 2022 and is actively discussing writing</p>	<p>Continued improvement and dialog between students and journal advisor.</p>	

			research related literature.		
Strategic hires	Provost office		During the 2022-2023 academic year a new faculty line for Analytical Chemist was provided to the department of Chemistry. Dr. Yuemei Ye joined the department in Fall 2023 semester.	During 2023-2024 academic year a second new line was provided to the department of Chemistry. The search process is open and expected to be completed by the end of the academic year.	
Full-time technicians	Provost office		Not achieved	TBD	You may want to provide information on why this has not happened or issues creating hurdles.
Inventory and analysis of research space			In progress	The findings will be discussed	

Additional Information: Please describe any assessment-related changes and the impacts of those changes that have taken place since the most recent Program Review:

Note: All action plans can be found on the [Lehman College website](#).

Please attach a copy of the external reviewer's report and Action Plan