

MICHIGAN STATE UNIVERSITY

April 21, 2023

MEMORANDUM

To: Committee on Budget and Finance

From: Daniel Bollman
Vice President for Strategic Infrastructure Planning and Facilities

Subject: **Authorization to Proceed**
Chemistry Building - Laboratory Upgrades

RECOMMENDATION

The Trustee Committee on Budget and Finance recommends that the Board of Trustees authorize the Administration to proceed with renovation of laboratories in the Chemistry Building.



RESOLUTION

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby authorize the Administration to proceed with the project entitled "Chemistry Building - Laboratory Upgrades," with a project budget of \$11,600,000.

BACKGROUND

The Department of Chemistry is on an upward trajectory, benefitting from a strong initial candidate pool for new faculty that resulted in six new appointments, including four mid-career faculty members who have existing research grants. This successful and accelerated recruitment effort exemplifies the future of the Department of Chemistry and its contributions to teaching, learning and research. The Chemistry Building has available research space because teaching laboratories moved to the STEM Teaching and Learning Facility, creating an opportunity to leverage existing space to meet high-priority research needs and return existing space to productive use.

Description of Project:

The Chemistry Building is on Shaw Lane in the central academic district. The project includes renovations to support new wet lab and computational research. The project will consolidate teaching laboratories on the main floor of the Chemistry Building, improving access, and locate research laboratories

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on the upper floors, improving collaboration and safety. The teaching lab consolidation will be in conjunction with the radiochemistry laboratory renovations for the Facility for Rare Isotope Beams. The renovations will create new research laboratories, a teaching laboratory and associated spaces including offices. The renovations will include new fume hoods and necessary mechanical system upgrades; replacement of laboratory casework and utility services; new ceilings, lighting, painting, and furniture; and coordination with currently funded capital renewal projects.

The Construction Manager is Nielsen Commercial Construction. The Architect/Engineer is Peter Basso Associates.

Communication Feedback:

Members of the campus community had opportunities to provide feedback during the planning phase. Any concerns expressed were addressed in the project design.

As construction proceeds, the schedule will be shared with the campus community.

Project Cost and Timetable:

The budget for this project is \$11,600,000. The construction management project will be funded by the College of Natural Science and may include debt financing.

Construction will commence in April 2023 with substantial completion in January 2025.

cc: Board of Trustees, T. Woodruff, T. Jeitschko, N. Beauchamp, M. Woo, S. Fletcher, M. Zeig, B. Quinn, V. Gore, L. Frace, T. Glasmacher, K. Tobin, B. Kranz, M. McCabe, L. Gremel, L. Adams, P. Duxbury, T. Warren, A. Taneja



Chemistry Building Labs

Multiple laboratories in the Chemistry Building would be renovated to accommodate high-priority research needs and return existing space to productive use.



REASON FOR PROJECT

The Department of Chemistry is on an upward trajectory with a strong candidate pool for new faculty that resulted in six appointments including four mid-career faculty members with existing research grants. The renovations will create new research laboratories, a teaching laboratory and associated spaces including offices to support the growth of the Department of Chemistry.

PROJECT BACKGROUND

- There is available space in the Chemistry Building because teaching laboratories have moved to the STEM Teaching and Learning Facility, providing the opportunity to return existing space to productive use.
- The MSU Board of Trustees approved authorization to plan in October 2022.
- If approved, the project would start in April 2023 with substantial completion expected in January 2025.

POINTS FOR CONSIDERATION

- The teaching lab consolidation will be in conjunction with the radiochemistry laboratory renovations for the Facility for Rare Isotope Beams.

FUNDING PLAN

The project is expected to cost \$11.6 million and would be paid for by the College of Natural Science and may include debt financing.