2026 ASSESSMENT SHOWCASE

BRIDGING TRADITION AND TECHNOLOGY

Fine Arts, Humanities and Media Communications · 2018-present
Project Leaders: **Sara Cox** and **Ann Oreskovich**

PROBLEM

Improving proportional relationships in studio art classes is a top priority for the art department. According to the data collected in 2018, only 52% of students exceeded the benchmark for accuracy in proportion.

PLAN

Part of our plan to improve performance in proportion was to use campus technology resources, including the Human Anatomy Learning Center (HALC) and the STEM Center to provide engaging learning experiences for our students. Our proportion outcomes are measured using a program-level rubric for studio art where instructors evaluate students' submissions to the Student Art Show, which reflects their best work from the semester.

ASSESSMENT ACTIVITY

Students participating in Anatomy in Clay: (left to right) Judy Lubbers, Nicole Valdez and Shaina Deidrichs

*Violet DeHerrera operates the STEM Center's 3D printer*

In Figure Drawing, we started visiting the HALC each semester that Figure Drawing was offered. Students exhibited weaknesses in rendering leg proportions, making the legs too short and not accounting for muscle distinctions. In response, the HALC director created a lesson focused on building the leg muscles using the Anatomy in Clay system, during which the lab director highlighted each muscle on the Anatomage table, which provides a 3D model of an actual human figure. The activity demonstrated the complex layering of the muscles so that students could observe the nuances of proportion.

In 3D Design, students began attending workshops in the STEM Center on CADKEY. Students learned the important skills to accurately represent proportion utilizing the software to create a 3-dimensional form from a 2-dimensional rendering.

Student submissions to the art show were assessed by instructors using the departmental Studio Art Rubric, a section of which addresses proportions. Scores were recorded in our school's eLumen assessment platform, which tracks our program data over time.

RESULTS AND DATA

The results for proportional accuracy indicated that there was a dramatic increase from 2018/19 scores to 2020, and since then, scores have been stable in the 80% range. Integrating technology and campus resources into our studio art classes has played a role in successfully contributing to an increase in students' representation of realistic proportional relationships.

2018	2019	2020	2021	2022	2023	2024
52.24%	65.49%	82.43%	81.82%	85.37%	90.63%	81.82%
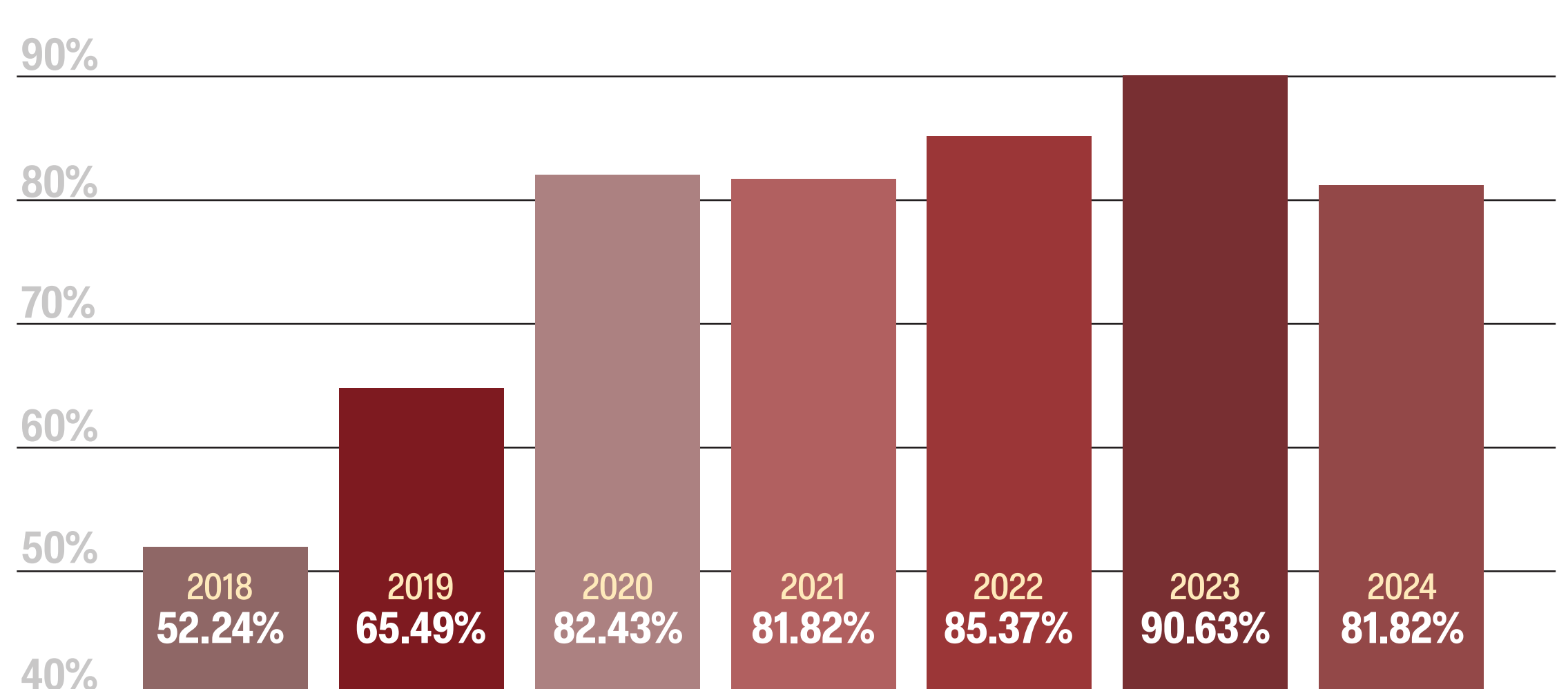
CLOSING THE LOOP and NEXT STEPS

We will continue to partner with the HALC and the STEM Center on activities related to proportion. We are currently developing an assignment using Boodlebox Artificial Intelligence to guide students in analyzing proportions that is being piloted with Drawing II students and will be implemented in spring 2026. We will keep collecting departmental data on proportion to track our results for proportion accuracy.

Pueblo Community College