

# Empowering Pharmacy Education: Leveraging Technology and Infrastructure to Advance Faculty, Staff and Student Success

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## Objective

To explore how integrating technology and infrastructure within a college of pharmacy enhances student, faculty, and staff success and efficiency.

## Informational Technology

At the University of Illinois Chicago, faculty and staff have tremendous technology and infrastructure support to complete the educational, research and clinical mission of the College. Whenever new improvements are made or products are considered, faculty, staff and students are at the forefront of the decision-making process with oversight by the College wide IT Committee.

The IT Unit operates under a dual campus model, with internal support on the Chicago and Rockford campuses. A student to staff career pipeline is used for recruitment and employment efforts in the IT unit. In addition, the College invests in training opportunities and conferences to enhance expertise within the unit. Innovative integration of technology and infrastructure is led by our IT, administrative, and instructional design teams. They are supported by college investment in their learning and by inclusion in college decision making processes ensuring 99.5% classroom uptime over the past 10 years.

## Educational Technology and Facilities

Faculty embrace numerous educational technology platforms and concepts and learn about these offerings through the TALK (Teach, Assess, Learn, Know) Center, the TALK Academy and TALK Tips. Committees are formed to improve small group facilitation and to gather input from faculty, staff, and students on IT and educational technology priorities.

Facility enhancements support team-based learning, clinical services, and research endeavors. Inclusive decision-making results in renovated spaces that foster collaboration and innovation for students, staff, and faculty.



### TALK Tips

Periodic publications emailed to all faculty. Examples:

- Improve your test questions with ExamSoft Item Analysis
- Blackboard Tips
- Leverage AI to lighten your teaching burden
- Podium best practices for distance learning

### 1:1 Faculty and TA Training

Including:

- ExamSoft/Examplify
- PointSolutions
- Acady
- Blackboard
- Panopto
- Gradescope
- Google Suite

### Orientation

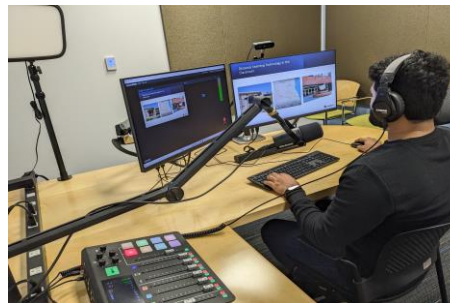
Including:

- New students ed tech training
- New students asynchronous modules in LMS
- New faculty ed tech introduction
- New faculty active learning and pedagogy support
- New TAs ed tech introduction

### Faculty Panels

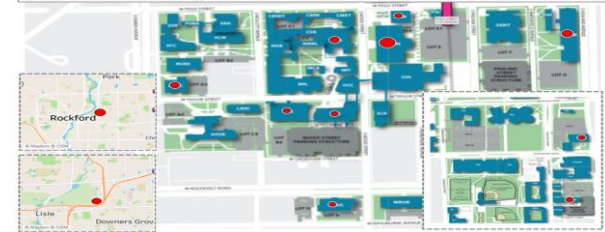
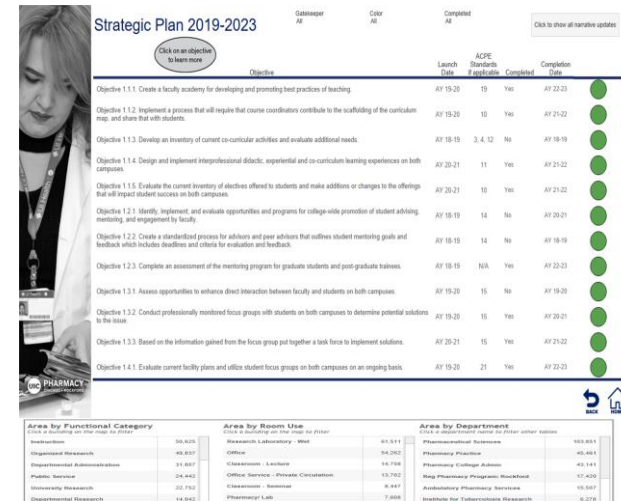
Panel of 3 faculty share their innovative incorporation of ed tech and learning strategies. Examples:

- TBL and related tech
- ExamSoft
- Polling
- Gradescope
- Doc cameras
- VoiceThread



## Tableau and Assessment

Tableau dashboards aid in curricular and programmatic assessment. These tools offer opportunities for benchmarking at local and national levels and delivering transparency, knowledge sharing and strategic decision making amongst faculty, students and staff.



## Conclusion

In conclusion, the strategic integration of technology and infrastructure within the College enhances education, research, and administrative functions, contributing to faculty, staff and student success and advancing the profession.