

2018-2023 Strategic Plan Academic Affairs

January 15, 2019



STATE UNIVERSITY OF NEW YORK
COLLEGE OF OPTOMETRY

Academic Excellence

Goal 2: Deliver a dynamic curriculum that engages students and advances contemporary optometry

Goal 3: Grow the graduate and research programs to increase the institutional impact on the advancement of knowledge and to produce leaders in vision research (basic, translational and clinical)

Deliver a dynamic curriculum that engages students and advances contemporary optometry

- Define and implement a core curriculum that teaches the foundation needed for entry-level contemporary optometry *efficiently and effectively*.
 - Identify and develop advanced concepts
 - Curriculum Committee
 - Develop microcredential elective concentrations
 - Core curriculum development - teach less, better
 - Course development for best teaching practices
 - Increase student engagement and responsibilities
 - Develop board preparation programs
 - Revisit flex program
 - Considering a 3rd year quarter schedule

Deliver a dynamic curriculum that engages students and advances contemporary optometry

- Identify and ***develop several concentrations in advanced optometric practice*** aligned with residency and AAO Diplomate advanced competency training tracks.
 - Develop microcredential elective concentrations
 - LV, CL, VT, HT, Ret, Ant Seg, Peds
 - CEC, Curriculum Committee
 - Selective application and enrollment
 - Didactic and Clinical elements

Deliver a dynamic curriculum that engages students and advances contemporary optometry

- Pilot and implement, if successful, a series of content ***progress examinations*** for the ***formative assessment*** of student learning and teaching effectiveness.
 - First administration in AY 2018-19
 - Class of 2021 (OD2) August, 2018
 - Foundation assessment
 - Integration
 - Class of 2020 (OD3) January, 2019
 - Integration
 - Gap analysis
 - Board preparation tool

Deliver a dynamic curriculum that engages students and advances contemporary optometry

- Support *faculty development* and implementation of *innovative teaching* strategies that improve student engagement and learning.
 - Didactic teaching development
 - Course development using best teaching practices
 - Effective use of teaching technologies
 - Flipped classroom
 - Online learning
 - Didactic teaching workshops
 - Clinical teaching development
 - Clinical teaching workshops

Deliver a dynamic curriculum that engages students and advances contemporary optometry

- Create and refine training experiences at the University Eye Center (UEC) and externship sites that ***emphasize evidence-based practice*** in areas of advanced care/competencies (subspecialties).
 - Link to microcredential concentrations
 - Myopia Control
 - Vision Rehabilitation
 - Ocular disease
 - Dry eye
 - Pediatrics

Deliver a dynamic curriculum that engages students and advances contemporary optometry

- Review and reform UEC-based residency programs to lead in the adoption of ***advanced competency-based*** program design in anticipation of and alignment with developing ***subspecialties*** within the profession of optometry.
 - Coordinate with ASCO/AAO working group

Grow the graduate and research programs to increase the institutional impact on the advancement of knowledge and to produce leaders in vision research (basic, translational and clinical)

- ***Expand*** funded basic, translational and clinical ***research*** to increase opportunities for graduate students (OD-MS, Residency-Graduate program and PhD) to carry out mentored research in active laboratories.
 - Recruit faculty performing fundable research
 - Build laboratories
 - Recruit OD students with strong research interests

Grow the graduate and research programs to increase the institutional impact on the advancement of knowledge and to produce leaders in vision research (basic, translational and clinical)

- Continue to ***expand clinical research activity*** and clinical faculty involvement opportunities through the Clinical Vision Research Center.
 - Develop CVRC space expansion plan
 - Clinical research faculty development
 - Clinician scientist recruitment

Grow the graduate and research programs to increase the institutional impact on the advancement of knowledge and to produce leaders in vision research (basic, translational and clinical)

- Reorganize the ***OD-PhD program*** to include elements of the Advanced Standing OD and Residency-Graduate programs so as to develop a track for clinician scientists and increase clinical research productivity.
 - Recruit candidate OD-PhD students

Grow the graduate and research programs to increase the institutional impact on the advancement of knowledge and to produce leaders in vision research (basic, translational and clinical)

- Establish consortium agreements with universities in the metropolitan area, including SUNY and CUNY campuses, to ***expand collaborative research opportunities*** and allow graduate students to take courses seamlessly at participating schools.

