

Health Sciences / Dunlap Building

IUPUI / IU Health

IU School of Health and Human Services

IU Health Primary Care Central Indianapolis
Family Medicine Residency
IU School of Medicine

CATEGORY

Preservation, Adaptive-Reuse, Renovation Greater Than \$5M

PROJECT TYPE

Higher Education Academic Teaching Facility and Healthcare Clinic

PROJECT ADDRESS

1050 and 1040 Wishard Blvd, Indianapolis, In 46202

COMPLETION

Summer 2023

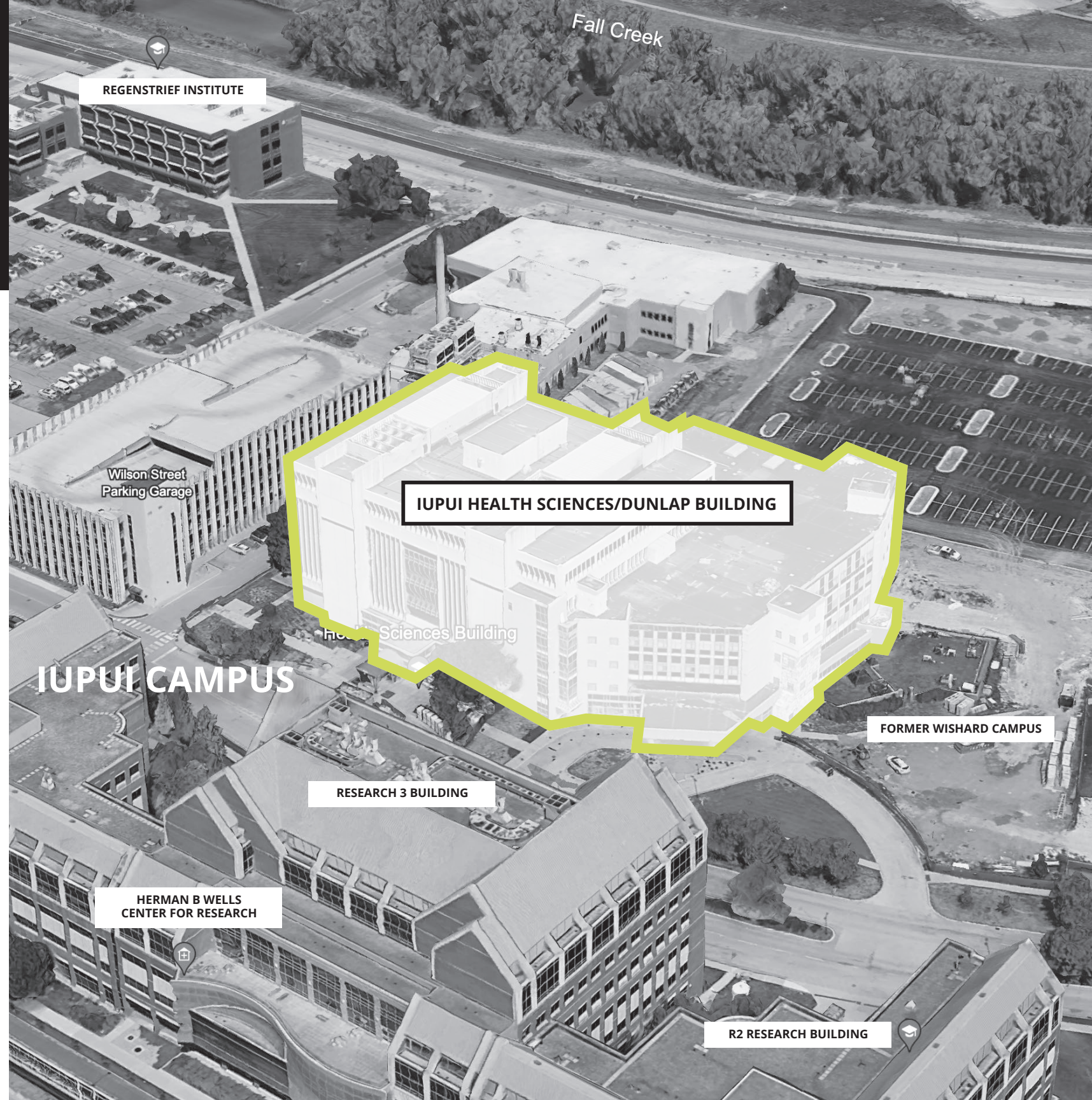
ORIGINAL BUILDINGS

1975 Regenstrief Institute Health Center / Marion County General Hospital

1978 Dunlap Building Wishard Hospital



REGENSTRIEF INSTITUTE
HEALTH CENTER BUILDING
BEFORE DUNLAP BUILDING
WAS ADDED IN 1978



IUPUI CAMPUS





BEFORE PHOTOS



DESIGN STATEMENT

Indiana University acquired the Health Sciences/Dunlap facility from Wishard Hospital in a land swap which paved the way for the Wishard Replacement Hospital and for IU to develop a Healthcare and Life Sciences Zone on the IUPUI campus.

The Health Sciences/Dunlap facility is a combined building which was previously connected to Wishard Hospital prior to its demolition. The Health Sciences building was previously known as the Regenstrief Health Center Building, which opened in 1975 and served outpatient clinics, research and administrative offices. The Dunlap Building, which opened in 1978, housed Wishard Hospital's former emergency department on the first floor and outpatient clinics on the floors above.

IU's Renovation and Reuse of the existing building was an opportunity to turn a nearly windowless and abandoned hospital building into a lively hub for student learning, training and collaboration in health sciences. Through exterior interventions, large swaths of natural light were introduced to the core of the building through new interactive lounges and informal student spaces. The northeast façade of the Dunlap Building was reconstructed in a seamless and elegant way to support the existing building materials and design where the old hospital was removed. The renovation also created opportunities to better connect the two separate buildings, improve circulation, and create places for flexible student lounges. This renovation project improved the building's HVAC systems, reduced energy usage, and incorporated more natural light to enhance the indoor environment.

The renovated Health Sciences Building now accommodates a variety of IUPUI departments, including Family Medicine, Health Sciences, Nutrition & Dietetics, Occupational Therapy, Physical Therapy, the Physician Assistant Program, Psychological & Brain Sciences, the School of Dentistry, and the School of Health and Human Sciences. These programs pair nicely with the addition of the IU School of Medicine's Family Medicine Center which was added on the first and second floors of the Dunlap building. This program trains many of the students in the nursing school and medical school with its residency program. The new space can now accommodate over 60 providers and address the needs of the IU School of Medicine's large family medicine residency program, the largest in the state.

The southern elevation of the building was modified to add a glass curtain wall to the central bay, allowing natural daylight into a previously dark interior. The new curtain wall has a strong vertical presence that relates to the existing concrete ribbing on either side. The curtain wall steps to create visual interest and recesses at the fifth floor, providing a small balcony for staff and students to connect with the outdoors. Consistent-sized punched openings were utilized on the sixth (top) floor. Immediately inside the curtain wall, lounges were developed for common use by students, faculty, and staff.

A new brick facade with punched openings was developed where Dunlap originally connected to the demolished Wishard buildings to the east. This new facade acts as a unifying element, bringing a consistent materiality and rhythm to the east elevation and aligning it with the more prominent south elevation. Vertical glazing was incorporated for enhanced daylighting and constructability. The vertical break allows materials from the north face to terminate without complicating the east and south elevations.

As part of the first phase, MEP engineers installed two new 65,000 CFM air handling units to convert the HVAC system from dual duct with electric heat to variable air volume with hot water heat.

The new interior design provides a cohesive aesthetic to the building's core, creating an IU building identity. Amenities such as accessible restrooms, break and lounge areas, and access to daylight on each floor gives students and staff a space to work, learn, and recharge.

THE REGENSTRIEF HEALTH CENTER

THE HEALTH AND HOSPITAL CORPORATION OF MARION COUNTY INDIANAPOLIS, INDIANA



THE MCGUIRE AND SHOOK CORPORATION

BURNS * CLARK * JACOBS * WEST

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RECORD DRAWINGS

THE REGENSTRIEF HEALTH CENTER
INDIANAPOLIS, INDIANA

PROJECT IND 195

SET NO.

PROJECT SCALE

HEALTH SCIENCES BUILDING

200,390 SF - ALL RENOVATED

BASEMENT PLUS 6 LEVELS - EACH LEVEL IS 28,000 SF

DUNLAP BUILDING

DUNLAP IS 128,205 SF - ALL RENOVATED

LEVEL 1 AND 2 WERE FIT OUT FOR A CLINIC (51,000 SF)

REMAINING LEVELS ARE WHITE BOXED FOR FUTURE FIT OUT

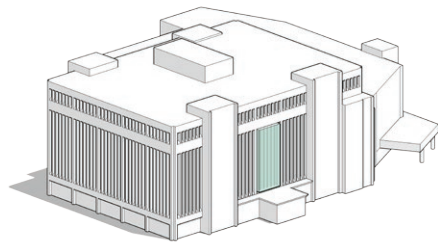
TOTAL PROJECT RENOVATION — 328,595 SF

WINDOW INTERVENTION AT FRONT OF THE HEALTH SCIENCES BUILDING

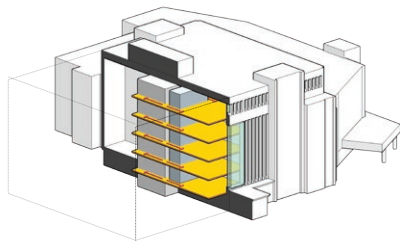
Each level of Health Sciences is about 28,000 sf. Within each level, the existing configuration only offered 3-4 windows total per floor plate. These were at the 4 corners of the building, which usually resulted in either a single office or a single conference room having access to natural daylight. No natural daylight was available for the remainder of the occupants.

The new intervention provided an entire structural bay of natural daylight to be added with floor to ceiling glazing on the South Facade. Programmatically we placed new public lounges just inside this new daylight zone, allowing all occupants of the building a place to rest, work, collaborate, and learn.

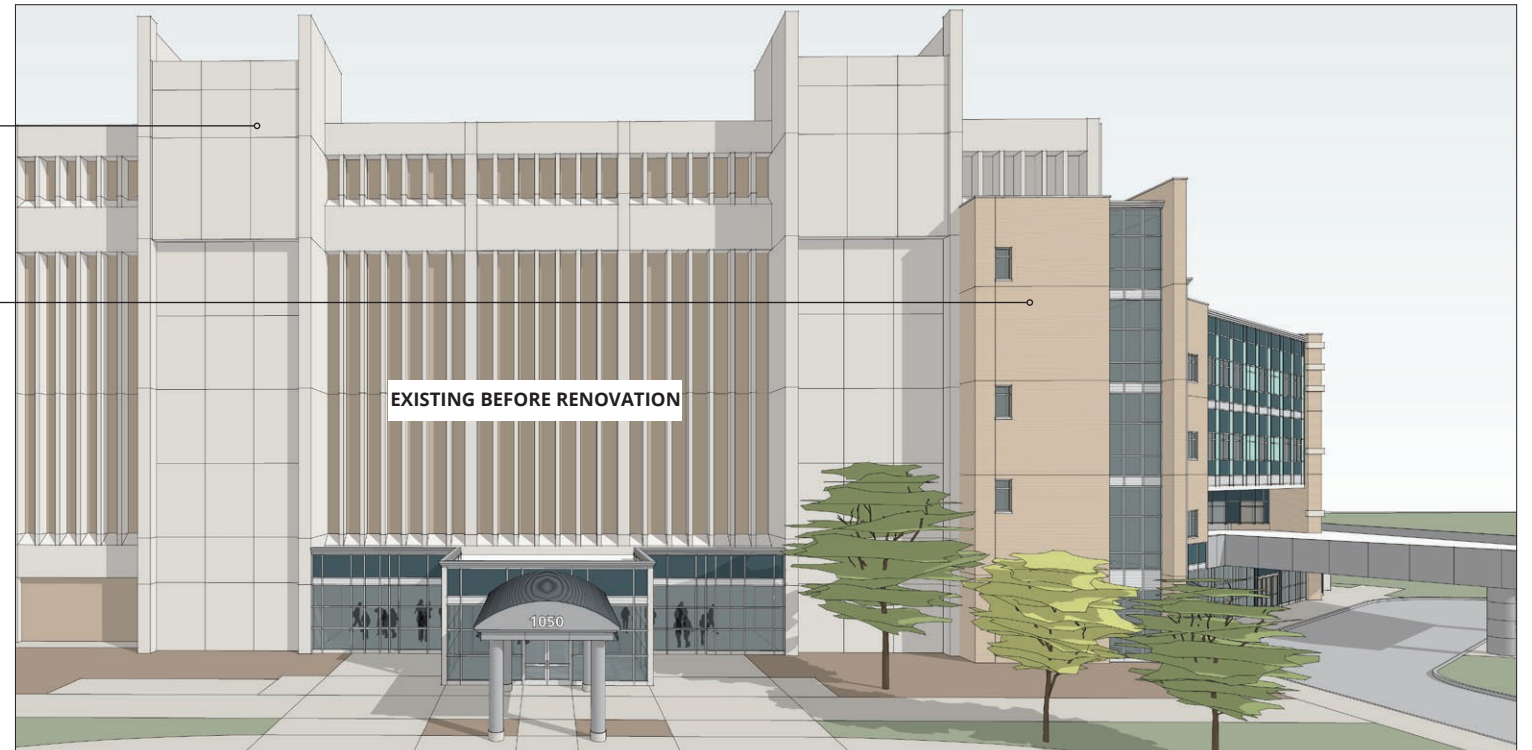
The 5th floor also includes an outdoor covered balcony.



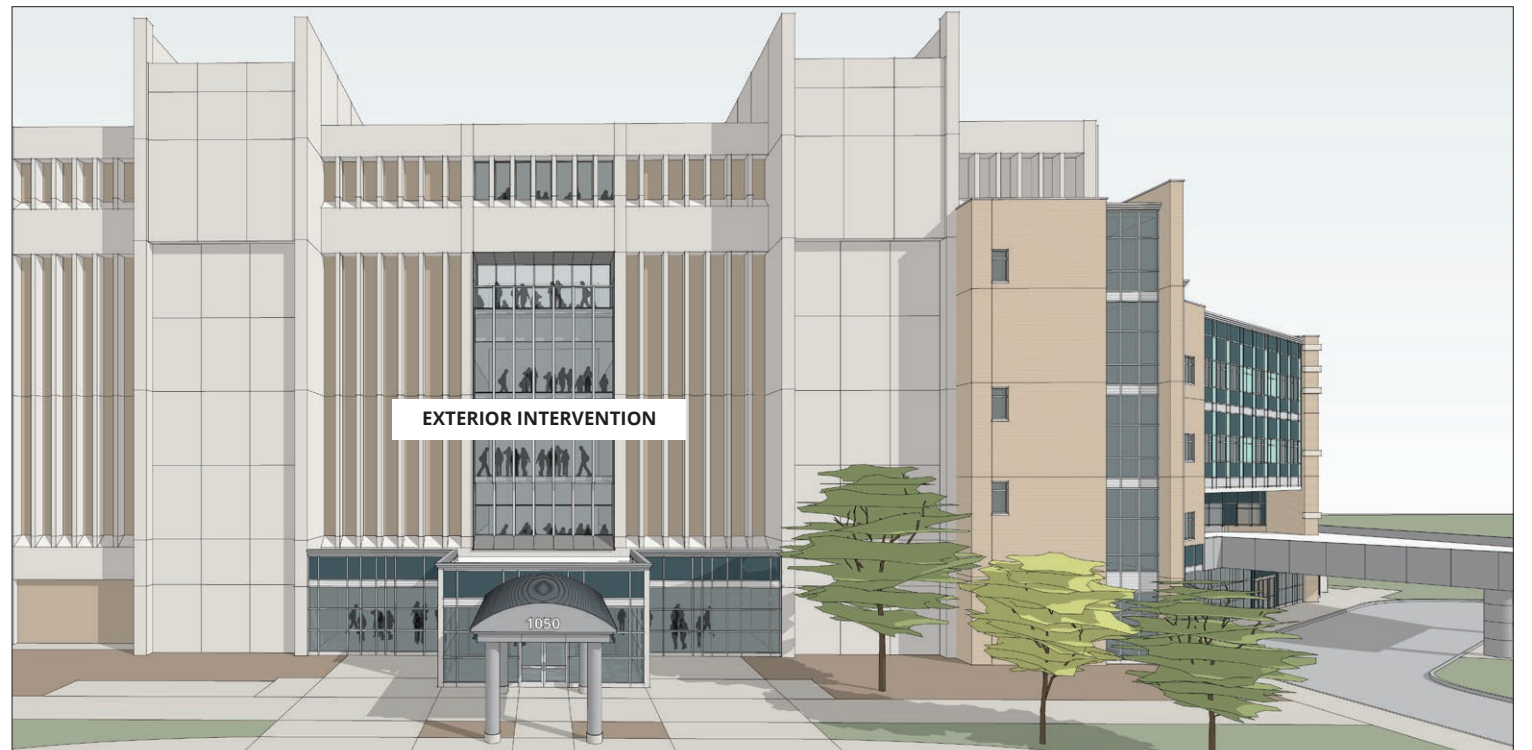
EXTERIOR INTEREST



INTERIOR DAYLIGHTING



EXISTING BEFORE RENOVATION



EXTERIOR INTERVENTION

FLOORPLANS

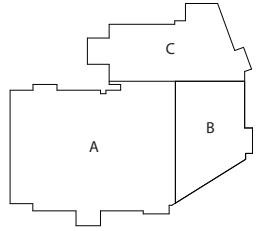
LEVEL 01



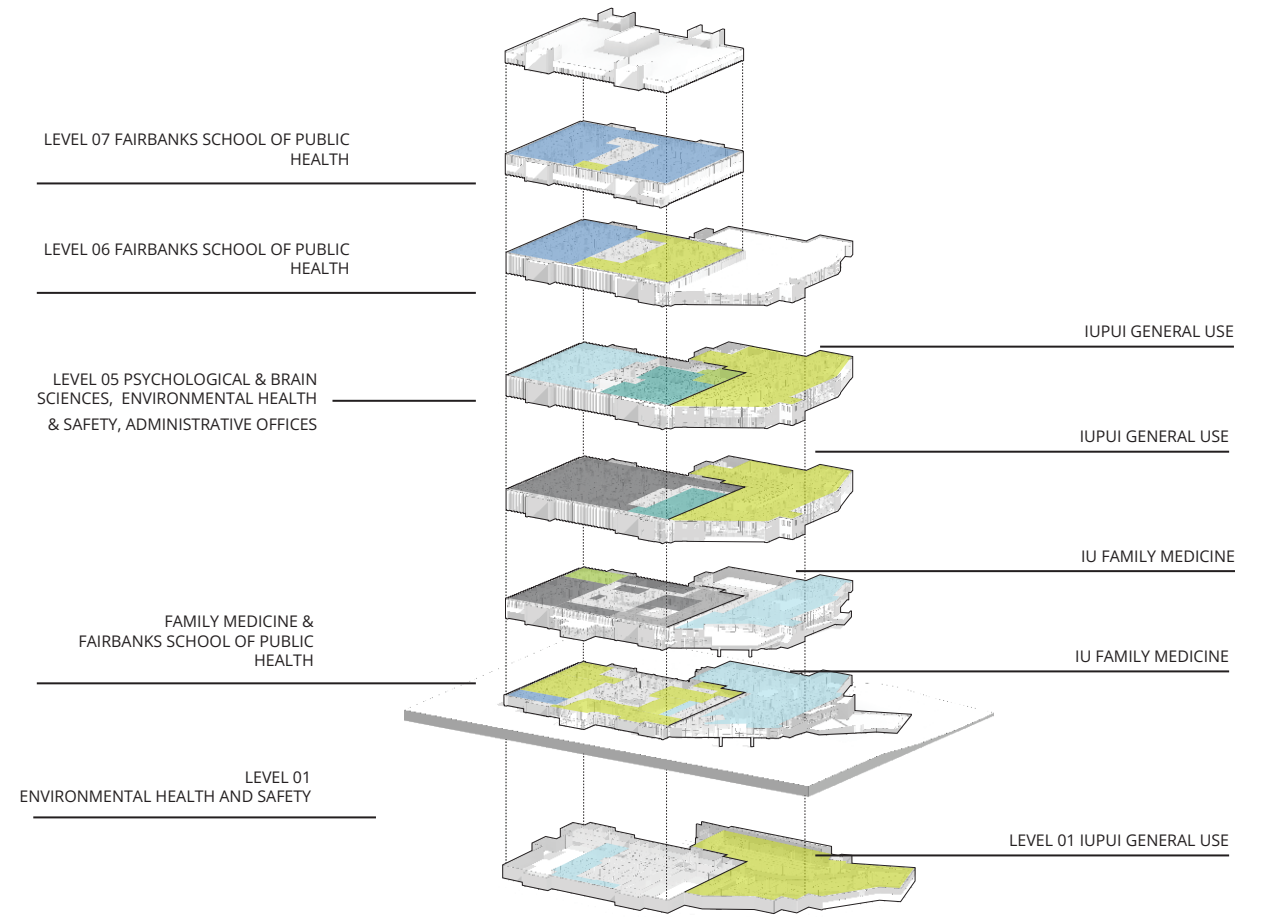
LEVEL 02



- Lecture Halls / Classrooms
 - Meeting Spaces
- Offices
 - Exam, Consult and Treatment Rooms
 - Conference and Lounges
- Clinical Support
 - Circulation / Waiting / Reception
 - Building Support



AXON





FIRST FLOOR LOUNGE - INFORMAL STUDENT LEARNING SPACES



FIRST FLOOR CONNECTOR TO DUNLAP



FIRST FLOOR LOBBY - INFORMAL STUDENT GATHERING SPACES



FIRST FLOOR INFORMAL STUDENT GATHERING SPACES



TEACHING KITCHEN - DIETETICS





STUDENT LOUNGE



LOUNGE WITH OUTDOOR PATIO

DUNLAP FIRST AND SECOND FLOOR

