Renewing the Vision

**THEME 2 : PENN CONNECTS...**

**RESEARCH AND CLINICAL CARE**

Penn’s world-class health science research in medicine, nursing, veterinary medicine and dentistry are all located in the compact core of the campus. This physical proximity facilitates the translation of science from “bench to bedside” and affords interdisciplinary collaborative research opportunities for faculty and students. The new construction and renovation projects planned in *Penn Connects 2.0* are designed to enhance the collaborative process and the exchange of ideas.

**New Construction**

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<th>Translational Research Center</th>
<th>Clyde F. Barker Transplant House</th>
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<td>Medical Research and Clinical Care are undergoing one of the most dramatic transformations in recent history. Translational medicine is spanning the borders between lab bench and bedside, translating breakthroughs in basic research into advanced treatments for patients more quickly. The Translational Research Center (TRC) of the Perelman School of Medicine (PSOM), which first opened in 2010, will receive three additional floors of fitout space in this second phase of work.</td>
<td>The Barker Transplant House represents the reality that Penn Medicine’s patient care extends beyond hospitals walls to continued commitment to improve the patient experience. More than one-third of Penn Medicine’s transplant patients must travel more than 50 miles for their surgery. All too often, the joy of receiving an organ is tempered by the reality of extended hospital visits for patients and non-reimbursable travel expenses for their family. This sun-filled, home-like facility provides overnight accommodations, convenient services and educational support at a nominal cost for transplant patients and their families. Named in honor of the physician who performed the first kidney transplant at the Hospital of the University of Pennsylvania in 1966, the Barker Transplant House is located at 3940 Spruce Street.</td>
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Directly connected to the Perelman Center for Advanced Medicine (PCAM) and the Roberts Proton Therapy Center, the TRC will further advance the goal of giving patients faster access to the most advanced treatment anywhere. The new space will focus on supporting a team of interdisciplinary scientists and physicians who study the genes and molecular mechanisms fundamental to human development and the human biological clock. Applications of this work extend to behavior, physiology, regeneration, and cancer therapy.
South Pavilion Extension – Perelman Center for Advanced Medicine

Aligned with the master plan for Penn Medicine, the South Pavilion Extension will add five floors of clinical care to the Perelman Center for Advanced Medicine. These new clinical facilities will have a direct link to the central core atrium and amenities at PCAM and take advantage of views of the Center City Philadelphia skyline. This clinical care addition will form the base of a future phased research and office tower above.

Mixed Use Development at the Former Pennsylvania Hall Site

On this parcel of land that once housed the former Pennsylvania Hall of the Philadelphia Civic Center, an interim surface parking lot will be redeveloped to accommodate a phased project including structured parking, along with medical-related office towers. This site at the western end of Civic Center Boulevard acts as a gateway to the Health Center for vehicular-oriented patients and staff arriving via University Avenue.

Penn Presbyterian Medical Center Addition

For more than a century, Penn Presbyterian Medical Center has provided outstanding health care services to the West Philadelphia community. Through its continued growth over the years, Penn Presbyterian ranks as one of the region's premier medical facilities, combining state-of-the-art technology with personalized care from outstanding physicians and staff. Current expansion plans will focus on serving muscular and skeletal ambulatory care and acute care needs. A four-story expansion is planned fronting along 38th Street, with a new public entrance linked to the existing Penn Presbyterian campus core.
Renovation

Clair M. Fagin Hall – Phase 5

Using the latest scientific technologies and the most innovative educational methods, Penn’s School of Nursing educates emerging nursing professional leaders in both the art and science of nursing. Building on previous successful phases of renovation to Clair M. Fagin Hall, Phase 5 will provide remodeled state of the art classrooms and simulation labs on the first floor. The Health Care Laboratory is the essential operational curricular component that transforms critical thinking into the “how to” of practice. This interactive teaching model elicits appropriate application of critical thinking in anticipated care of patients across life spans within a safe environment.

Richards Medical Research Laboratories – C & D Towers

The Richards Medical Labs house various Perelman School of Medicine labs and offices in three towers attached in pinwheel formation to a central fourth tower housing common support. This first significant phase of renovation to Richards will encompass lab spaces in the D Tower and support spaces in the C Tower to accommodate Penn’s Center for Cognitive Neuroscience. This multidisciplinary program is dedicated to understanding the neural bases of human thought. Current CCN research addresses the central problems of cognitive neuroscience, including perception, attention, learning, memory, language, decision-making, emotion and development. This renovation project will provide a prototype for future phases of work at Richards Labs.

Clinical Renovations – School of Dental Medicine

The School of Dental Medicine completed a master plan for the research, clinical and academic components of the School. The leading priorities for phased renovations will commence with renovated Endodontic clinical services on the second floor of the Evans Building followed by additional lower level clinics and eventually the Main Evans clinical space.

Ryan Hospital – School of Veterinary Medicine

The School of Veterinary Medicine completed a master plan for the research, clinical and academic components of the School and its Ryan Hospital. The leading priority for phased renovations to Ryan Hospital will build upon the recently completed Non-Invasive Operating Room Suite and continue to optimize ground floor hospital clinical and diagnostic services.
EXISTING VIEW OF THE PERELMAN SCHOOL OF MEDICINE’S TRANSLATIONAL RESEARCH CENTER LOOKING SOUTH OVER THE SPRUCE STREET PLAZA SITE