Health care is the largest and fastest growing industry in Texas, and students at the University of Houston’s College of Pharmacy are uniquely positioned to take full advantage of the resources Houston has to offer. In order to remain competitive and ensure that UH educates not only future health care practitioners, but also leaders, experts and specialists who will guide an increasingly complex and multifaceted health care industry, we must invest in state-of-the-art facilities that will allow for the research and practical applications that benefit both public and private industry.

GROWING FOR THE COMMON GOOD

A PROPOSAL FOR THE UNIVERSITY OF HOUSTON COLLEGE OF PHARMACY AND THE HEALTH & BIOMEDICAL SCIENCES BUILDING II

<table>
<thead>
<tr>
<th>Statistic</th>
<th>Percentage/Count</th>
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</thead>
<tbody>
<tr>
<td>UH research dollars applied to health sciences research</td>
<td>38%</td>
</tr>
<tr>
<td>Years of uninterrupted national accreditation by Accreditation Council for Pharmacy Education</td>
<td>100%</td>
</tr>
<tr>
<td>First-time pass rate on NAPLEX and MPJE national licensing exams since 2013</td>
<td>65</td>
</tr>
<tr>
<td>Patient screenings by students at Houston-area community health fairs in Fall 2014-Spring 2015</td>
<td>7,000+</td>
</tr>
<tr>
<td>Number of languages/dialects spoken by UHCOP students</td>
<td>25+</td>
</tr>
</tbody>
</table>

EXCELLENCE IN HEALTH CARE

UNIVERSITY of HOUSTON
COLLEGE OF PHARMACY
The Health and Biomedical Sciences Building II (HBSB II), a multidisciplinary academic health care center housing the entire University of Houston College of Pharmacy (UHCOP) as well as other health sciences research and outreach centers, will gather leading teachers, researchers and pharmacy practitioners from multiple areas of expertise in one setting to facilitate opportunities for interaction, innovation and collaboration.

While UHCOP currently faces a critical space shortage, this building will provide 138,000 gross square feet of unified space for our many research and patient care disciplines, elevating UHCOP’s already exceptional programs. This transition is not only essential to provide the best resources and learning environment to our faculty and students, but to maintain uninterrupted accreditation from the Accreditation Council for Pharmacy Education. Other health care programs will occupy the HBSB II in addition to the College of Pharmacy, enabling expansion of interprofessional care projects and research between disciplines.

Furthermore, the HBSB II will strengthen UH’s relationships with collaborators, particularly fellow Texas Medical Center institutions — not only by better preparing potential members of their future workforce, but by offering collaborators additional space-specific functional areas, expanding into new and underdeveloped areas of research and raising UHCOP in national rankings. It will also enable new partnerships that benefit students, faculty, fellow health care providers and, ultimately, individual patients and entire communities.

“Interprofessional care models are the future of health care delivery. Understanding the skills and goals of each component of the health care system allows us to provide the best patient-centered care possible.”

— Elizabeth Nelson, M.D., senior associate dean for Medical Education at Baylor College of Medicine, UHCOP partner in expanding interprofessional care
ENHANCING PATIENT CARE

Pharmacy Care and Compounding Lab
Sterile Products Lab
Simulation Suites (home care, inpatient and outpatient)
Over The Counter simulation/Patient Counseling Suite

Patient counseling, delivering immunizations, managing medication therapies: these are just a few ways the pharmacist's role has transformed in the past decades. As the health care industry and the services and care it provides rapidly evolves, the beneficial impact of pharmacist-delivered services to simultaneously improve patient outcomes, increase medication adherence, reduce hospital readmissions, and manage costs is gaining greater acceptance and recognition. The ability to effectively and compassionately counsel patients on the safe use of medication as well as lifestyle changes while administering vaccines and screening for chronic diseases make a "bedside manner" more important than ever. In the new facilities, students will gain essential knowledge and skills in patient counseling, physical assessment, compounding, IV preparation, and clinical care before beginning their advanced pharmacy practice experiences.

STRENGTHENING OUR LEARNING COMMUNITY

Two large stadium-style classrooms
Group study rooms
Computer/study carrels
Multi-purpose student lounge and event space

The architectural design of HBSB II will play an important role in the seamless integration of new teaching modalities with instructional technologies to create a more interactive, effective learning experience. The layout will encourage greater interaction, scholarship and mentorship between students at every stage of the curriculum as all students and their classrooms, labs, study areas, and organizational meeting/event space will reside under one roof. Furthermore, essential functions which have had to be held off-site in the past due to lack of space will have dedicated areas at the HBSB II. Career fairs, student orientation, guest lectures, convocations and other professional and social events will at last have a centralized location as well.

FACILITATING RESEARCH

Core facilities: high-throughput screening, imaging, spectrometry, analytical chemistry
Polymerase Chain Reaction (PCR) facility
Nuclear Magnetic Resonance (NMR) facility and molecular modeling
Ancillary labs: centrifuge room, instrument room, cell culture lab
Individual Bench Labs
Health Analytics

Innovative, collaborative research demands flexible lab space, and proximity to others' workspaces and resources. Laboratory spaces with glass barriers will provide an inviting atmosphere, and encourage synergy among students and faculty conducting research. This open dynamic will make a significant impact on the collaborative, interprofessional research at UHCOP.
IMPROVED OUTCOMES

The College is proud to take an active role in the community through curriculum-based early and advanced experiential rotations, as well as volunteer service learning and outreach activities at health fairs across the Greater Houston area. Investment in UH College of Pharmacy and HBSB II means expansion of innovative programs in direct patient care, such as:

- The nationally recognized H.O.M.E.S. Clinic, a student-run, interprofessional clinic for Houston’s homeless in collaboration with Baylor College of Medicine and The University of Texas Health Science Center at Houston School of Medicine;

- The Hispanic Healthcare Initiative & Certificate Program, which aims to strengthen students’ ability to communicate and employ cultural awareness through advanced instruction in Spanish language and Hispanic culture, as well as complete practice rotations in predominantly Spanish-speaking communities; and

- The “No Place Like Home” program with Baylor College of Medicine, which sends medical/pharmacy primary care teams on “house calls” to predominantly homebound seniors with complex medical conditions.

“The UHCOP remains totally committed to producing the highest quality professional pharmacists and scientists to meet the health care needs for our patients in the great state of Texas and beyond.”
— F. Lamar Pritchard, Ph.D., Dean, College of Pharmacy

UH COLLEGE OF PHARMACY is committed to upholding the tradition of excellence established by its alumni, students and faculty by increasing national recognition of its academic, research and patient-care programs. It is of vital importance that the College of Pharmacy inhabits a space where it can continue to foster a commitment to lifelong learning and an environment where students develop the knowledge, attitudes and skills consistent with the high standards of their profession and scientific field. Fundamental programs will continue to flourish along with the launch of innovative programs and teaching models with the addition of the Health and Biomedical Sciences Building II.

Thank you for considering an investment in UHCOP and the research, patient care and vital health care innovation that occurs here.

For questions or assistance, please contact Matt Perkins, Director of Advancement for the College of Pharmacy, at 713-743-6545, or email mrperkin@central.uh.edu.