



HealthbyDesign II. PrimaryCare

Arch 409/509 I Seminar

Alfred A. Taubman College of Architecture and Urban Planning Meeting

Time and Location: Wednesday: 6pm-9pm Rm 2108 A&AB + Zoom

Instructor: Dr. Upali Nanda (upali@umich.edu. 832.729.7652. @upalinanda)

Office hours: By Appointment

The world is in crisis today. It has more than ever before- and more to lose as well. At the core of this crisis is our health as a planet, as people, and as a society. This course is set up to explore systemic issues of health and address them along the design continuum- from information, to product, to place and policy, while being anchored on the environments we live in, and the human minds & behaviors that shape them. It is practice-based and focused on making real, actionable, meaningful change. Part 2 of a 2 part course, HbyD 2 zeroes in on primary care, and the role of clinics and communities in enhancing health and wellbeing, within a healthcare system that is under extreme stress today. Through this course you will join (and shape) a growing [HealthBYDesign Community](#)

How do we set the stage for better health, by design?

How can we create environments for primary care that address the needs of patients, families, and caregivers, for physical and mental health?

What is the intersection between health systems and healthy communities?

How can we bring primary care into the home?

How can we design environments that converge digitally and physically?

How can we link design intent and health outcome with a focus on nutrition and health?

This course is founded on the belief that design makes a difference. We will learn how to link design intent to health outcomes and explore what it means to truly improve health and wellbeing. What are the measures? Are they meaningful? Do they matter? We will learn about evidence-based design and evidence-challenging design. We will learn about core areas like public health, clinical outcomes, safety, technology, and human perception- and then seek to bridge this insight, across disciplines, towards the foundation of any health delivery system- Primary Care. Guest speakers will join most of these classes, held in the evening to better include professionals- from private companies, health systems, and non-profit agencies. Each session will have a catalyst presentation, an interdisciplinary conversation, and a point of view generation. The outcome of the course will be an open-source web publication on the [healthbydesign website](#) with a proposed design intervention/ innovation that is actionable, [bridges disciplines](#), and addresses the design continuum. We encourage students from various disciplines to take this course- so we can have a rich dialogue and an actionable outcome. This semester we will work with the Departments of medicine, nutrition and public health, and use the work on [Home as a Healthcare Hub](#) as a starting point. Students will get a chance to work on designing both digital and physical interfaces with clinical input throughout the course to create a system solution that is implementable and impactful.

About the Instructor. Dr. Upali Nanda is an adjunct professor of practice at Taubman school of Architecture & Urban Planning, an adjunct faculty at School of Public Health, a fellow of the Institute for Health Policy Innovation, and the Global Sector Director for Innovation at HKS, an international architecture firm. She lives in the intersection between practice and academia, brain and building, health and design, and serves on many boards in the healthcare design community. She was voted as one the 10 most influential people in Healthcare Design by Healthcare Design Magazine in 2015 and awarded the Women in Architecture Innovator Award by Architectural Record in 2018. She advocates for putting our disciplinary arrogance aside to effect real change, while leveraging the agency our unique skill sets give us, to achieve impact change, BY design