The Chicago Studio
Health and the City
Spring 2017

ARCH 593.PI
Professional Development in Chicago:
the Place of Evidence in Contemporary Architectural Practice
School of Architecture
University of Illinois at Urbana Champaign

Professor: William Worn, AIA, LEED AP, EDAC
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Visiting Lecturers:
Ms. Sheila Cahnman
President
JumpGarden Consulting

Mr. Doug King
Principal
VOA/ Stantec

Credit: 4 hours
Day and Time Wednesday 1:00 PM – 1:50 PM Seminar
Thursday 9:00 AM – 11:50 AM Firm Visits

Firm Visit Schedule
WEEK 1: January 19th Stantec w/ J. Michael Loganbill and Doug King
WEEK 2: January 26th CannonDesign w/ Kevin Matuszewski and Britta Cochran
WEEK 3: February 2nd Gensler w/ Randy Guillot
WEEK 4: February 9th ESA w/ Mark Nichols
WEEK 5: February 16th TBD
WEEK 6: February 23rd TBD
WEEK 7: March 2nd TBD
WEEK 8: March 9th TBD
WEEK 9: No visit, Mid-term reviews
WEEK 10: March 30th TBD
WEEK 11: April 6th TBD
WEEK 12: April 13th TBD
WEEK 13: April 20th TBD
WEEK 14: No visit Final Reviews
**Intent**

In this course students will become familiar with the concepts and processes used in Evidence Based Design (EBD). Through readings and study students will prepare to take the EDAC Examination upon completion of the course. The EDAC Exam is NOT a requirement of this course but, for students interested in pursuing a career in healthcare architecture, it is strongly recommended. Content of this portion of the course can be found in the Certification Program of The Center for Health Design Detailed Content Outline attached to this syllabus.

Students will also use EBD as a lens to examine current architectural practice in a variety of firms. When visiting each firm the primary organizing question that each student must be able to answer is: What is the place of evidence in this firm’s practice?

This course will engage Chicago-based architects and design professionals who will serve as your instructors. The architects will present their professional practice and the diverse operations that are required to design and construct architecture. Students enrolled in this course will each week visit a different architecture office and/or meet an architect at a building they designed. The architects will present their firm’s design philosophy and role in the building enterprise. This will consist of presentations on design process, legal dimensions of the architectural practice and building construction industry, and an introduction to business management, marketing, and operational procedures. Embedded in these presentations lies the firm’s position on evidence and on evidence based design.

Students are to attend each firm visit and record their observations writing a single page paper on the ideals communicated by each firm, the place of evidence in their practice and their methods for delivering these ideals to their clients and to the public. These observations are to be your own. Boiler-plate descriptions from the firm’s website will not be acceptable for submission; the words and observations must be your own. These weekly 250-word minimum assignments are to be typed in Microsoft Word and turned in to the professor via email on the following Wednesday before 1 PM.

**Evidence Based Design**

Evidence-Based Design (EBD) is the process of basing decisions about the built environment on credible research to achieve the best possible outcomes. Included in this process are the following eight steps:

- Define evidence-based goals and objectives.
- Find sources for relevant evidence.
- Critically interpret relevant evidence.
- Create and innovate evidence-based design concepts.
- Develop a hypothesis.
- Collect baseline performance measures.
- Monitor implementation of design and construction.
- Measure post-occupancy performance results.

A large and growing body of evidence attests to the fact that physical environment impacts patient stress, patient and staff safety, staff effectiveness and quality of care provided in
hospitals and other healthcare settings. Basing healthcare facility planning and design decisions on this evidence to achieve the best possible patient, staff and operational outcomes is what evidence-based design is all about.

https://www.healthdesign.org/certification-outreach/edac/about

Components of Final Grade

Attendance
Meetings will occur at various office locations, at a building designed by the firm, or a speaker might visit our studio. You are responsible for attending ALL classes. (20%)

Student Participation
Students will be required to participate in asking questions & participating in discussions in both seminar and in firm visits. (30%)

Deep Questioning
You are required to come prepared each week with a minimum of one question that you will ask the firm professional. Research each firm by going to their firm web site prior to attending their presentation and tour. Reference Source: AIA Find An Architect Registry: http://aiachicago.org/find-an-architect/registry . Your question must go beyond the information that can be found on the firm’s website.

Research Paper Documentation
Include a one page typed synopsis of the firm’s presentation, firm’s philosophy, the services they provide, and the main building types they design with a description of their aesthetic emphasis. A description of the place of evidence in their practice including specific examples. Include one image of their work downloaded from either their website or online publications. The final assignment is to compile all these writings - and images – and write an introduction and conclusion based upon the semester endeavors. (60%)