

School of Architecture University of Hawaii at Manoa

Summer Teaching Fellowships 2007

Offered in conjunction with the Summer Program 2007, the Seventh International Symposium on Asia Pacific Architecture, and the University of Hawaii Centennial Celebration.



Seventh International Symposium on Asia Pacific Architecture

The conference symbol is the Chinese character for the word, yuan, which, loosely translated, means "serendipitous encounter". Almost daily, people experience encounters or "chance" meetings which sometimes lead to fortuitous circumstances.

The School of Architecture seeks applications for the Summer Teaching Fellowships 2007 from design instructors currently teaching in a U.S. architecture program.

Background Information and Overview

The Summer Program will be run in conjunction with the School's Seventh International Symposium on Asia Pacific Architecture to be held in Honolulu, Hawaii June 14-16, 2007. The Symposium is co-sponsored by Tongji University in Shanghai, and will be linked through teleconferencing to UH. The Symposium theme is Architecture + Movement; subtopics include: Urban Systems, Impacts of the New Mobility, The Bio-Region, Community + Mobility, Movement as Form Determinant, and Movement as Idea. Courses in the summer program will be linked to the Symposium Theme, and students from the summer courses will participate in the Symposium thorough presentations, an exhibition, and publication of work. For further information about the School and Symposium see <http://www.arch.hawaii.edu/site/index.php>.

Summer Program Theme: *Architecture + Movement*

Two places at the same time. Acceleration with no end leads to this finish. Possible by warp speed or absolute stillness? By streaming video or common program? By memory or reconstruction?

For generations architects have been on the move. Grand tours largely scavenged cultures to collapse locale for the moneyed class. Current long distance alliance with foreign practice defy daily rhythms. Despite the negative condensation of space and time, rapid compression has taught architects to be ambassadors: trading ideas, respecting difference, inventing mixtures. We know beyond borders.

Aligning with the theme of *Architecture + Movement* the summer program at the School of Architecture at the University of Hawaii will investigate movement in architecture as a three pronged schema: work, material, and information flow.

To explore the issues of people migrating, matter realigned and data processing, design studios and research courses will develop site specific urban projects simultaneously in two places: Shanghai and Honolulu. Projects will be explored in a dominantly digital environment promoting a fluid exchange of ideas in two processes: internal design and external communication. Projects will be underpinned by double theory: western and eastern.

Schedule

May 30 - June 16, 2007.

Facilities

The Computer Lab, the Shop and other School facilities will be provided for use by students and faculty. Studio space will be provided for 24/7 use.

Housing and Meal Plan

Reservations will be made in the UH dorms for visiting students and Teaching Fellows. The cost for the dorm is: Double \$40 per night x 19 days = \$760, for the period of May 30 – June 17, along with a security deposit of \$25. A meal plan must also be purchased ranging from \$8-\$18 per person per day.

A \$200 deposit required 2 months in advance. Cancellation must be made at least one month in advance at which time 50% of the deposit will be refunded. No refund of deposit for cancellations made less than one month in advance.

Transportation

Teaching Fellows and students are responsible for arranging and purchasing their own round trip airfare and ground transportation between their home city and UH. UH vans may be arranged to accommodate class excursions.

Compensation

Teaching Fellows will receive a \$10,000 honorarium. No other benefits or compensation is provided. Teaching Fellows are responsible for all personal on-site costs including meals, transportation, etc.

Responsibilities

Teaching Fellows will be expected to:

- (a) Recruit at least 10 and no more than 12 students from their institution to enroll in the summer program,
- (b) Coordinate with other Fellows and UH faculty to build communication and collaboration among summer program participants,
- (c) Design a studio course that aligns with the Symposium theme and Summer Program theme,
- (d) Coordinate course conditions as may be required for the home institution to accept the studio course as transfer credit,
- (e) Participate in other activities as may be arranged by the studio instructors including publications, exhibitions, and presentations of student work occurring in conjunction with the Symposium,
- (f) Assist students from the home institution with arrangements deemed necessary by the students, Teaching Fellow, and the home institution, which may include coordination of transportation, submission of housing, meal plan, and tuition, and
- (g) Evaluate the student studio work and submit grades per the deadline.

Format

The summer program will be comprised of three linked courses. All students will be required to register for all courses. The three courses consist of a 5 credit design studio, ARCH 405, taught by Amy Anderson, a 3 credit lecture history, theory and research course, by Marja Sarvimaki, and a 2 credit course on computer communication taught within the context of the design studio, by Hyoung-June Park.

Registration

Registration, receipt of tuition, acceptance and recording of grades, and mailing of transcripts is handled through the University of Hawaii at Manoa's Outreach College. This applies to UH students and students from other institutions. Additional information TBA. General Information is available at <http://www.outreach.hawaii.edu/>.

Contact Information

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Course Descriptions

ARCH 405 Selected Design Studio: Asia Pacific Urban Design-*Architecture + Movement*

Instructor and Coordinator: Associate Professor Amy Anderson

Other Instructors: Teaching Fellows - TBA

Prerequisites: No prerequisites for students from other institutions. For UH Students prerequisites include Arch 302 (or Arch 303), Arch 474, or consent. The course may be taken to satisfy Arch 401 or Arch 506

Period: 05/30/07 – 06/16/07

Credits: 5 Semester Hours

Course Format: Studio, Discussion, and other activities.

Maximum Enrollment: 40 (Note: for administrative purposes students will enroll in particular sections of the studio which will be limited to 12 students. Details TBA)

Course Description

This course will investigate Architecture + Movement (see Summer Program Theme heading above). UH Associate Professor Amy Anderson will serve to coordinate the studio which will be comprised of Teaching Fellows, UH students, and students from other institutions. Teaching Fellows will coordinate on specific organization, content, and methodologies, and division of responsibility for student guidance and other activities. The course will involve research, analysis, design, discussion, and other activities. Students from different programs will be mixed to encourage a rich exchange of ideas.

Amy Christie Anderson, Architect and Associate Professor of Architecture holds a MArch from the GSAPP of Columbia University, and a BA in Art from Wellesley College. In addition, she is a Fellow of the American Academy in Rome and a graduate of Skowhegan School of Painting and Sculpture. Teaching experience includes ten years as Associate Professor at Columbia University, as well as visiting studio critic at Yale, MIT, UPenn, Rice and Auckland Universities. Her apprenticeship was served with Mitchell/Giurgola Architects in New York and Canberra, Australia.

In private practice since 1989, the design focus includes speculative urban design for international competitions, urban design consultancy in Honolulu, and experimental full scale construction in local biomaterials to establish a digitally monitored environmental interface between specific Hawaiian ecosystems and resource extraction from those systems.

ARCH 390/690: Special Topics Seminar - *Learning From (Las) Shanghai*

Instructor: Assistant Professor Marja (Magi) Sarvimaki

Asia Pacific Elective Course: Arch 390/690, Special Topics Seminar (3 credits)

Credits: 3 Semester Hours

Course Format: Lecture, Lab, and Design Workshop

Period: May 30 – June 16, 2007 (optional study tour June 18 – 25)

Time: M/T/W/R/F at 9:00 – 11:30 am

Maximum Enrollment: 40

Course Description

This course on contemporary Chinese architectural phenomena is related to the architecture design studio in summer 2007 by supporting its theoretical underpinnings with research studies. Both courses are connected with the 7th International Symposium on Asia Pacific Architecture, the joint centennial event of UHM School of Architecture in Honolulu and Tongji University in Shanghai, China. Therefore, the goal of this seminar course is to acquaint the participants with the practice of architecture in today's China, focusing on Greater Shanghai. The course will include:

- lectures, reading and discussions on the architectural phenomena in contemporary China,
- lectures, reading and discussions on the background of those phenomena,
- as well as research and paper writing on the analyses of the chosen case studies.

There will also be a possible field trip to China in order to visit target sites, building administrators, design firms, and architecture schools.

The most significant topics discussed in the course are: contemporary architecture vs. historic preservation, design theories vs. urban development, building regulations/laws vs. implementation customs and ethics, and architectural education vs. construction industry, added with other factors that have had and have an impact on the way architecture is practiced in China. Some of the lectures are given by guest speakers who are specialized in the particular topic and/or have first-hand experience on it in China. These topics will be addressed in terms of both design research and critical analyses which will deepen the knowledge of most recent trends in architecture, such as innovative technologies, new building materials, and global design firms, providing basis for the practice of architecture world-wide in the future.

Marja Sarvimaki is an assistant professor in the School of Architecture (SoA), University of Hawaii at Manoa. She is a Finnish architect with expertise in architectural theory and East Asian architecture. She has completed extensive fieldwork in East Asia. In addition to her doctorate thesis, "Structures, Symbols and Meanings: Chinese and Korean Influence on Japanese Architecture", she has published articles on East Asian architecture and culture. Her professional practice has included works in Finland, and collaborations with Lin Tongyan and Li Guohao Construction Project Consultant Inc., P.R. China.

ARCH 390/690: Special Topics Seminar-

A TALE OF TWO CITIES – Digitally Mastered in Architecture

Instructor: Assistant Professor Hyoung-June Park

Open Elective Course: Design Method Workshop

Prerequisites: Conjunction with Arch 405 or consent

Period: 05/30/07 – 06/16/07

Time: 9:00 – 9:35 am (Lecture) & 09:40 – 10:20 am (Lab) TR

During Architecture Studio Hours (Design Method Workshop)

Credits: 2 Semester Hours

Course Format: Lecture, Lab, and Design Method Workshop

Maximum Enrollment: 40

Course Description

“It was the best of times, it was the worst of times.”

Now we know, in an hour, a design project in Shanghai is able to be reviewed by an architect in Honolulu through the internet. With importing the design project to a super computer in Tokyo, an engineer proposes an alternative. As soon as s/he gets its parametric 3D model through her/his PDA (Personal Data Assistant), a scientist in London reinforces the alternative with explaining its advantages on a blackboard. Consulting it with his/her partner in New through videoconferencing, a client in Paris sends a set of digital files regarding the project to a contractor in Seoul for having the estimation of its construction cost. The project revolves around 24 hours without sleeping.

As Popper mentioned in his “Second Thesis,” now we know, in an hour, we find that it could be “a far better than thing that we do.”

1. Are we maximizing this design communication within various digital technologies in architecture?
2. Among various paths to a design solution, how can we evaluate our design problem-solving compared to them?
3. How can we make an optimized design move with our hands-on and head-in in collaboration?

During this course, students will develop their own design interface to communicate and experience various design media. The relation between digital technology and traditional physical design media will be reinterpreted as an interoperable relation rather than a dichotomy. Based upon the interfaces, design communication will be effected in each student project. One to one or one to multiple interactions will be made on the project in the format of a game. As the interactions grow, each design project is reviewed, guided, evaluated, and discussed among the members of studio(s). Through this process, a design optimization method will be studied.

This course is a design method workshop in conjunction with the architecture design studios in summer 2007. The course format includes a lecture, a lab, and a workshop. The workshop will be conducted as a part of the design studio. The outline schedule of this course is as below:

1st Week – INTERFACE

2nd Week – GAME

3rd Week – OPTIMIZATION

Dr. Hyoung-June Park is an assistant professor in the School of Architecture (SoA), University of Hawaii at Manoa. His expertise includes digital technology in architecture, design inquiry, morphological transformation, proportional aesthetics and design optimization. After he earned his Master of Architecture Degree with AIA Alumni Award at the University of Michigan, he started his Master of Science with Compton Award at MIT. Based upon his master thesis “Formalization, Data Abstraction, and Communication” in design inquiry group at MIT, he introduced “Shape Grammar” as a practical application in design process. With his doctoral dissertation “A Quantification of Proportionality Aesthetics in Morphological Design” at the University of Michigan, he expands the region of architecture to design optimization for measuring beauty in architecture. Before he joined SoA, he worked for the University of Michigan as a Multi-Media designer.