

BOISE TOOL DAY ::: MARCH 8-9, 2002

Have you ever been in a daylighted space and wondered why the lights were on at midday? Ever sat next to a storefront window and contemplated the cause of your discomfort? Take advantage of this wonderful opportunity—Boise Tool Day—to learn how to investigate such questions. You will use state-of-the-art handheld instruments to measure building performance (e.g., daylighting, thermal stratification, air movement), learn to form testable hypotheses about how the building works, and conduct case studies to assess whether an architect's design intentions are accomplished successfully. Your future design work will benefit from these new skills and insights.

Tool Day events include a Friday afternoon presentation, "The Secret Life of Buildings," by University of Oregon professor Alison Kwok and a Saturday workshop investigating three daylighted Boise buildings. Participants will be divided into five small teams [led by architecture faculty—Alison Kwok (UO) and Bruce Haglund (UI)—and highly trained UI architecture students]. You may attend either or both days' events.

Schedule

Friday, March 8	2 cr	
3:30 p.m.	Check-In	at IURDC
4:00-6:00 p.m.	"Secret Life of Buildings" UO Professor Alison Kwok	at IURDC
Saturday, March 9	8 cr	
8:30 a.m.	Check-In, Coffee	at IURDC
9:00 a.m.	Tool Exercises	at IURDC
11:00 a.m.	Study Building Tours	
noon	Hypothesis-Forming Lunch	at Table Rock (no-host)
1:00 p.m.	Study Building Investigations	
4:00 p.m.	Team Presentations	at IURDC
5:00 p.m.	Wrap-Up	



Study Buildings

The Union Block (second story)	704-720 Idaho Street
Boise Art Museum	670 Julia Davis Drive
CTA Architects and Engineers	1185 Grove St



How to Register

Architects, architecture students, and others interested in the secret life of buildings are invited to participate. Architects can earn AIA/CE credits in the health and welfare category!

There is no registration fee, but advanced registration is required to facilitate planning. Contact Bruce Haglund by phone 208-885-6781 or e-mail <bhaglund@uidaho.edu> to register. Check our web site <<http://www.aa.uidaho.edu/bldgvital/BoiseToolDay/BoiseToolDay.htm>> for details and your investigation team assignment.

Meet at IURDC, 775 W. Fulton St., to check in and participate. We'll provide beverages and munchies on both days, but you'll have to buy your own lunch on Saturday.



ALISON KWOK



Alison on the go in Montréal.



Assessing the National Building Museum's Great Hall.



Taking radiant temperature readings at Kubala Washatko Architects.

Alison Kwok is an architect and University of Oregon assistant professor who teaches architectural design, environmental controls, and building evaluation through case study development. She conducts research in design for tropical climates, thermal comfort in schools in Japan and in Hawaii, passive cooling in all climates, building performance, and curriculum development.

An innovator in using case studies to evaluate buildings, Professor Kwok was the principal graduate research assistant at the University of California Berkeley on the Vital Signs Curriculum Project (since its inception in 1992 through 1998) and the principal investigator of the Agents of Change Project funded by the U.S. Department of Education Fund for Improvement of Post-Secondary Education. Through these projects she has trained faculty, graduate students, and practitioners in case study development and curriculum innovation at several national and international sites—National Building Museum in Washington DC; Berkeley Art Museum on the UC campus; Kubala Washatko Architects' office in Cedarburg, WI; campus buildings at Hong Kong University; the passively cooled Logan House in Tampa, FL; San Francisco (CA) Public Library; Real Goods Solar Living Center in Hopland, CA; Audubon Building in NYC; Emerald People's Utility District Building in Eugene, OR; the historic Watzek House in Portland, OR; YMCA in Berkeley, CA; and the LEED Gold-certified Ecotrust Building in Portland, OR.

Kwok has received numerous awards—a *Progressive Architecture* award for collaborative work on wind effects in San Francisco; the AIA Medal; teaching awards at Cornell University and in Honolulu; and a Heiwa Nakajima Peace Fellowship to conduct research in Japan on thermal comfort in traditional housing, schools, and arcades. Alison is active in several professional associations, the Society of Building Science Educators (SBSE), ASHRAE, ARCC, and ASES, to name a few. She holds a B.A. in biology from Knox College, an M.Ed. in secondary education from the University of Hawaii, and an M.Arch. and a Ph.D. in architecture from UC Berkeley.



Alison orchestrates a lighting sweep to chart daylighting at the Logan house.