



# Enhancing Undergraduate Education



 Great Places in  Spaces:  
 {Re}   
Envisioning Cities  


When: Thursday, September 21, 2007

Where: Kroeber Hall Plaza, near the fountain  
between Wurster Hall & Bancroft Avenue

By the Transportation Planning Class, City Planning 114/Civil Engineering 154

**We thank our host departments, the University of California Transportation Center, and UC faculty & staff for their support.**



*“Experiencing overjoyment... priceless”*

(photo: K. Frick)



## Key Questions

- 1) What additional skills would benefit undergraduates? What would they like to learn?
  
- 2) How would they like to learn?
  
- 3) How can we phase in a lower cost, sustainable educational options across the UCTC campuses?



## What We've Done in FY2009-10 So Far

- Focus groups with 35 Berkeley students, diverse cross section
- Discussions with UCTC faculty (will continue with exec board tomorrow)
- UCLA goods movement & logistics course, Spring 09
- Mentor to 14 undergrads in city planning course



*Special thanks to Justin Shiu, our first "post undergraduate"*



## *Take-away # 1 – Skills & Interests*



- Mainly interested in “what the real world does”—hand on, tangible experiences
- Would like to go in-depth on planning, engineering (research)
- Need to improve oral and writing skills, esp for policy settings
- Advice on jobs, graduate school
- Receive course credit



## ***Take-away # 2 – Develop New Initiative***

### *“Center for Undergraduate Innovation”*

- Multi-campus, tailored to needs of campus, phased in. Could include:
  - summer internship with a UCTC associate director (modeled after USDOT STPDG)
  - attendance at California UTC and UCTC student conferences (fee waiver or discount)
  - post undergraduate papers on UCTC website
  - info on grad school & internships, mentorships, scholarships



## Potentially at individual campuses

- 1 to 2 week intersession course\*
- 1 to 2 unit course during term\*
- Traveling colloquium (field trips/site visits to projects & offices to see the real world)
- Lecture series with practitioners



\* Students suggest real world project with client or special topics





## Studio Course—client based, hands on— like a mini public dept or consulting firm



Undergraduate  
studio

if grad. studio:  
undergraduates  
could enroll

Juju Wang as undergraduate in grad. studio,  
currently a grad student





## Next Steps

Discuss & develop action plan with exec committee

Additional outreach at other campuses, discuss with academic advisors

Spring graduate studio at Berkeley—encourage undergraduate enrollment, particularly from current set of advisees this semester



(photo: K. Frick)