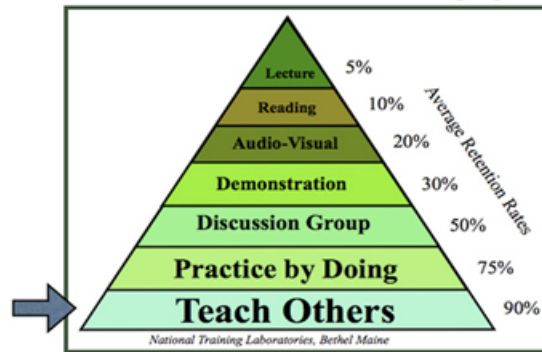


# LEARNING BY TEACHING

## COMPUTER SCIENCE 699 FALL 2017

The best way to understand a concept is to explain it to someone else. “While we teach, we learn,” said the Roman philosopher Seneca. Now scientists are bringing this ancient wisdom up to date, documenting exactly why teaching is such a fruitful way to learn — and designing innovative ways for young people to engage in instruction.



The Learning Pyramid

Prof. Ilmi Yoon offers a 3 unit elective course designed to introduce a unique learning experience. Students will assist San Francisco Unified School District Middle School or High School Computer Science teachers support computer science students. Computer science education for high school and middle school students and related pedagogy is in the incubation stage. Designing computer education pedagogy and interacting with young students and teachers will be an innovative way to learn and improve your soft skills.

#### DETAILS:

- TAs work 5 hours per week, physically or virtually, from Sept. 4<sup>th</sup> to Dec. 15<sup>st</sup>, 2017
- \$300 per month for 4 months (\$1200). (International students must be able to complete a W-9-- have a tax ID)
- Weekly meeting 4:00 -5:00 pm with instructor, guest speakers and other TAs. (3 unit elective course)
- Guest speakers from Education (for pedagogy design and development) and Industry (for soft skills)

**FOR THOSE WHO ARE INTERESTED, PLEASE APPLY AT “LEARNING BY TEACHING” 699 COURSE AT THE COMPUTER SCIENCE WEB SITE BY AUG. 20<sup>TH</sup> MIDNIGHT ([HTTP://CS.SFSU.EDU/](http://cs.sfsu.edu/) OR CHECK YOUR EMAIL FROM CS OFFICE)**