

Application for Nomination

Young Engineer of the Year 2009

ASCE-OC

Dan Elkins

Civil Engineer- Psomas

1- Education:

BS degree from UCI in Civil Engineering, March 2007

EIT 2006

PE anticipated in

LEED-AP, April 2007

2- Honors and Awards Received:

Dan, list any received from Psomas and others

3- Experience Record:

Dan played a leading role in using Civil 3-D for the design of the St. Jude Medical Center in Fullerton. The design includes coordination of the 3-D model with the project architect, other consultants and the contractor utilizing Building Information Modeling (BIM).

Dan also used Civil 3-D for the master planning and engineering of Mission Village which is part of the Newhall Ranch development in Santa Clarita. This mixed-use, 1,250- acre master planned development includes 4,500 residential units to be constructed in hillside terrain.

4- Contribution to the Profession:

As chairman of the Continuing Education Committee for ASCE-OC, Dan organized two seminars for ASCE members that cover the subjects of Street Design and Storm Water Management. More than \$10,000 was raised from the seminars' registration fees to pay for the Chapter expenses including student scholarships and ASCE student chapters.

Dan gave a presentation in Civil 3-D design to UCI civil engineering students. He is slated to be one of the lecturers in Civil 3-D design for the CEE181 senior students' project at UCI.

5- Civic Contributions:

List any contributions including community services

6- Comments:

In only two years after graduating from UCI, Dan has been able to learn and achieve more than many engineers can achieve in five to ten years. His excellent communication and management skills will help him to be a leader in the engineering profession.