

CSUN Teachers for a New Era/School
Research Collaborative
Presents

Dr. Pete Goldschmidt

Thursday November 18, 2010
4 – 5 pm
Juniper Hall 1210

**Technical and Practical Considerations in applying Value
Added Models to estimate teacher effects**

This seminar will present the underlying theory behind value added models and the resulting modeling alternatives. Generally, there are two approaches to modeling teacher effects as a function of student performance: one, fixed effects models preferred by Economists; and two, random effects models preferred by educational statisticians. Both approaches attempt to account for bias related omitted variables (most notably issues surrounding selection and non-random assignment of students to teachers). Hence, each of the above approaches results in various specifications. Random effects models often use variants of growth models that result a slightly different inference related to teacher effectiveness.