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### Charles Stanton TSSA Spring 2016

Charles Stanton

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Charles Stanton  
Department of Mathematics  
[cstanton@csusb.edu](mailto:cstanton@csusb.edu)

**Conference attended:**

Precalculus to Calculus: Insights & Innovations  
June 16-June 19, 2016  
University of Saint Thomas  
St. Paul, Minnesota

**Teaching Skills Studied:**

The Mathematical Association of America (MAA) held this conference to encourage curriculum development according to best practices found in the last ten years. The conference discussed

I. Curricular issues: The standard curriculum of the calculus sequence has been fixed for 65 years, but there are now new ideas on what the curriculum should be.

II. Pedagogical issues: How to introduce active learning and inquiry based learning into the calculus sequence.

III. Homework: Should online homework systems be used.

IV. Use of Technology.

**Impact on Current Teaching:**

I am currently serving as a full-time department chair, and not teaching classes. This information has helped me with the curriculum development process. I serve on the Quarter-to-Semester Steering Committee and work with each of the seven Q2S Mathematics Department curriculum conversion/transformation committees.

Date Submitted: April 23, 2017