
Learning to Teach Statistics for Social Justice

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The MODULE(S²) RAC's statistics writing team has created secondary mathematics teacher education materials that develop pre-service teachers' statistical knowledge for teaching as well as their knowledge of social contexts of mathematics teaching and learning and ways to enact change in these contexts. In this presentation, we will take a deep dive into one lesson from the materials focused on teaching statistics for social justice. In this lesson, pre-service teachers integrate their learning of statistics with how to teach statistics for social justice. They learn how statistics can be used to discover and quantify inequities, both in society at-large and in their community, in ways that can lead to specific actions to address problems. The lesson materials, along with artifacts of practice from implementation of the lesson with pre-service secondary mathematics teachers, will be shared and discussed.