



**Vintage Chemistry and Physics:
Historically Accurate Reproductions of Notable Scientific Experiments**

Freshman Seminar, Autumn 2016
ASC 1137.XX, Section TBD (one credit hour)
Day, Time, Location TBD

INSTRUCTORS

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INSTRUCTOR BIOGRAPHIES

Nicole M. Karn, PhD

Dr. Karn's research interests include spectroscopy, which is used to study excited states and relaxation processes of molecules, and chromatography, which is used to qualitatively and quantitatively describe brewed coffee and coffee beans. Dr. Karn is the laboratory instructor for Quantitative Chemical Analysis and the instructor for the Instrumental Analysis Laboratory in the Department of Chemistry and Biochemistry.

Nancy M. Santagata, PhD

Dr. Santagata's research interest lie in the area of surface chemistry and physics utilizing low temperature scanning tunneling microscopy. She regularly teaches General Chemistry I (Chem 1210) and Elementary Chemistry (Chem 1110) in the Department of Chemistry and Biochemistry. Dr. Santagata was nominated for the 2015-2016 Provost's Award for Distinguished Teaching by a Lecturer at Ohio State, was recognized as an MVP (Most Valuable Professor) by the women's basketball team, and was invited to participate in Professors at the Park with the women's softball team.