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Dates: January 1, 2010 – December 31, 2011

Amount: \$799,624

**CPATH: Learning Computational Thinking in Context:
Using Problems and Cases in Financial Market Regulation**

The aim of this proposal is to integrate computational thinking as an essential theme in teaching students in computing, business, public policy, economics, mathematics, and the social sciences about financial markets. The University at Albany is home to the Center for Financial Market Regulation and has the nation's first undergraduate major and minor in Financial Market Regulation. These programs will be the focus in the development of a new computational thinking curriculum. The researchers on this proposal will engage government and industry regulators in developing a set of learning objectives that will drive the creation of problem-based undergraduate curricula – first for courses in the financial market regulation programs, and then in other undergraduate programs across the campus.

The end result of this work will be cases, modules, and courses that provide an attractive interdisciplinary learning environment in which students become interested and proficient in computational thinking and understand its importance to society.