

Supplemental Instruction for Developmental Mathematics: Two-Year Summary

Olen Dias, Alice Welt Cunningham, and Loreto Porte, Hostos Community College

Abstract

This article summarizes the results of a new supplemental instruction (SI) program for developmental mathematics at Hostos Community College, one of six Community Colleges of the City University of New York. Results of a one-semester pilot study, including details regarding the College's population and supplemental instruction program, can be found in the February 2015 issue of *MathAMATYC Educator* (Flek, R., Cunningham, A. W., Porte, L., Dias, O., and Baker, W.). The present report summarizes relevant recent literature and analyzes the program's overall results from the first two years in terms of course performance and retention. Suggestions for future research follow.



Olen Dias received (odias@hostos.cuny.edu) her masters' in mathematics from Queens College (City University of New York) and her PhD in mathematics from the CUNY Graduate Center. She is an associate professor of mathematics at Hostos Community College (CUNY) and has been a member of Hostos' Supplemental Instruction Program from its inception. She is currently Deputy Chair of the Hostos Mathematics Department.

Alice Welt Cunningham

(awcunningham@hostos.cuny.edu) received her BA from Yale College, her JD from Harvard Law School, and her masters' and doctoral

degrees in mathematics education from Columbia University.

Teaching experience includes law, junior high, high school, and college mathematics. She is an associate professor of mathematics at Hostos Community College (CUNY) and has been a member of Hostos' Supplemental Instruction Program from its inception.



Loreto Porte

(lporte@hostos.cuny.edu) is a professor of mathematics at Hostos Community College (CUNY) and was Coordinator of the Hostos Mathematics Department's Supplemental Instruction Program during this study.

