Chapter 3

The Urban Mathematics Collaborative Project
A Study of Teacher, Community, and Reform

Norman L. Webb
Daniel J. Heck
William F. Tate

University of Wisconsin—
Madison
## Contents

The Urban Mathematics Collaborative Project in Perspective .................. 247
  The Collaboratives .................................................. 248
  The Case Study ...................................................... 250

Overview and Origins of the Urban Mathematics Collaborative Project ........... 251

Collaboratives in Close Focus. ........................................ 256
  Collaboratives as Learning Systems for Teachers .................... 256
  Changing Conceptions of School Mathematics ......................... 270
  Teacher Professionalism ............................................. 307
  Teachers’ Professional Growth ....................................... 320

Collaboratives in the Long View ...................................... 328
  A Portrait of 16 Collaborative ..................................... 328
  Past and Present Challenges ....................................... 342
  Reflections: Teachers at the Center of Reform and Change .......... 347

Research Methods and Personnel ...................................... 349
  Data Collection ...................................................... 349
  Analysis ............................................................. 352
  Case Study Team .................................................... 354

References ............................................................. 356