

NAME: Pat Mower

EDUCATION:	<u>DEGREE</u>	<u>MAJOR</u>	<u>DEGREE GRANTING INSTITUTION</u>
University	BS	Math/English	Dickinson State
	MS	Math	Univ. of North Dakota
	PhD	Math Ed.	Univ. of North Dakota

PROFESSIONAL APPOINTMENTS:

CURRENT: Associate Professor of Mathematics

CLASSES TAUGHT IN PAST TWO YEARS:

MA228 Math for Elementary Educators
ED363 Secondary Math Methods
MA116 College Algebra
MA381 History of Math
MA367 Modern Geometry
MA110 Exploring Mathematics

PUBLICATIONS/PRESENTATIONS/JURIED SHOWS/etc. (past five years)

PUBLICATIONS:

"Ask the Question", Louisiana Assoc. of Teacher of Mathematics Journal

"Dyscalculus: The Latest Dysfunction or Not?", Humanistic Mathematics Network

"Algebra Out Loud" book published by Jossey-Bass Publications

PRESENTATIONS:

"Remedial Mathematics Anonymous", KATM Conference 2002

TEACHING INNOVATION PAST FIVE YEARS:

Attended Texas Instruments Technology Conference, Nashville, TN 2003

IN-CLASS PROJECTS FOR MA 110 & MA 116:

Hexiety (number theory)
Doing the Wave (graphing calculator & regression)
The Stamp Project (graphing calculator & regression)
Graphing Calculator Art
Writing in Math Projects

MA 228:

Guest teachers/speakers for preservice teachers
Research conducted in area elementary schools & pamphlet

created for preservice teachers

MA 381 & MA 367:

Web Journal: The Academy

Students publish work in the Humanistics Math Network Journal

OTHER:

The Eureka! Project (competitive math problems now published in The Academy); Co-creator & Overseer of the WU Annual Coffeehouse Readings

CONTRIBUTIONS TO LOCAL, STATE, AND NATIONAL COMMUNITIES
(including University governance)

President and Vice President, NEKATM

Vice President for Colleges, KATM

Math Department Library Liaison

Member of Faculty Development Committee & Writing Across the Curriculum

Student Appeals Board Member

University Teacher Education Committee

Master of Liberal Studies Committee

Faculty Rep. To BOR, through NSD