## Math Horizons Word Cage

## David Nacin


ill in the cells of this puzzle so that each row, column, and caged region contains each of the letters in the word HORIZONS the same number of times as they appear in that word. In addition, the alphabetic distance between letters in the adjacent cells of each cage is given if and only if that distance is three or less.
The solution to this puzzle is on page 17. A printable version can be found at maa.org/ mathhorizons/supplemental.htm.

David Nacin is a professor at William Paterson University and the author of the book Math-Infused Sudoku. He enjoys designing and studying puzzles related to partition identities, the motion of chess pieces, groups and Lie algebras, and other mathematical structures. He maintains a free puzzle blog at quadratablog. blogspot.com.


