Dear Future Loper:

The Department of Mathematics and Statistics at the University of Nebraska at Kearney (UNK) is pleased to announce the 2017–2018 Rathe Scholarship Competition. The scholarship will be awarded to a UNK student who is a freshman in fall 2018 and who chooses a major in either Mathematics, 7-12 Mathematics Education, Computer Science, or Physics. The amount of the award is expected to be approximately $1,000.

Both Bette Rathe and her brother Robert were Kearney State College (now UNK) graduates. Robert earned a Mathematics degree in 1980. He loved computer science and he enjoyed a long career working at NASA where, among other things, he worked on the Hubble Space Telescope. In the early 1970s, Bette earned a Kearney State College education degree and she recently established this scholarship to honor her brother, Robert.

We hope that you will enjoy completing your application. It involves solving several math puzzles and writing an essay of 300 words or less. The puzzles, along with instructions for solving them, are attached. The topic for your essay is: *What motivates you to pursue a UNK degree in Mathematics, Mathematics 7-12 Education, Computer Science, or Physics?*

When you have completed your essay and solved as many of the puzzles as you can, mail your entry to: Cami Roach, Department of Mathematics and Statistics, University of Nebraska at Kearney, Kearney NE 68849. If you prefer, email your entry to roachcs2@unk.edu. Entries are due on or before March 1, 2018. To earn the award, you must attend UNK, be a freshmen in fall 2018, and must have a declared major in either Mathematics, 7-12 Mathematics Education, Computer Science, or Physics.

We are looking forward to receiving your completed application. For easy reference, you can also find the application materials on our website; follow the link on [http://www.unk.edu/academics/math/](http://www.unk.edu/academics/math/). If you have questions about the application process, please contact Cami Roach at either (308) 865-8531 or email roachcs2@unk.edu.

Sincerely,

Barton Willis, Ph.D.
Professor and Chair