LEWIS AND CLARK COLLEGE
Department of Mathematical Sciences

PUZZLE OF THE WEEK (9/7/2016 - 9/13/2016)

Consider the sequence of integers for which the n-th term of the sequence is equal to the perfect square closest to n:

$$1, 1, 4, 4, 4, ...$$

Which, if any, values appear in this sequence exactly 2016 times? Justify your claim.

- Correct solutions of the Puzzle of the Week #1 were submitted by Toby Aldape, Minho Choi, Fisher Ng, Wiktoria Plawska, Jack Reamy and Nick Tan. Congratulations!

- One possible solution of the Puzzle #1 is posted online. (Look for the Puzzle of the Week announcements on the departmental web-page.)

- Solvers of this week's puzzle should include their name, address, and status at the College. Solutions should be submitted to **Iva Stavrov** in BoDine 305; email submissions are encouraged (istavrov at lclark). Solutions should be received by the end of the day on **Tuesday, September 13th 2016**.