

# FOCUS ON MATHEMATICS SEMINAR

## *What is the probability that no one gets paid?*

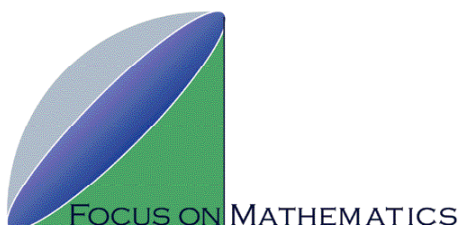
We will look at the problem from *Exploratory Problems in Mathematics* [F.W. Stevenson], which, at the start, seems to be a relatively straightforward probability problem. But, upon further consideration, we will find that the problem is quite complex and is deeply imbedded with elements of combinatorics. We will work to simplify the problem to better our understanding of the problem and work towards a solution, and in the process we will create related activities that can be applied at many grade levels. Before the session ends, we will look at one possible method of solving the original question and perhaps make a surprising discovery!

Come and enjoy learning and collaborating with your fellow FoM colleagues. Teachers of all grade levels are welcome (there we be something for everyone). Please bring a calculator.



### **Presenter:**

**Octavia Brauner**  
Arlington High School  
Arlington Public Schools



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**Date:** Thursday, April 16, 2009  
**Time:** 3:20 – 6:00 p.m.  
**Location:** Arlington High School (enter through the main entrance on Mass Ave.)  
Classroom 304  
869 Massachusetts Ave.  
Arlington, MA 02476

Deadline for registration is April 14, 2009.  
To register, please email **Melody Hachey** at [mhachey@edc.org](mailto:mhachey@edc.org) or call 617-618-2801

For directions to Arlington High School, see <http://www.focusonmath.org/FOM/partners/districts/arlington>.

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