reader to consider, from sports statistics to SAT scores to the Titanic, providing something for everyone.

Euler Book Prize

Sarah Hart, Gresham Professor of Geometry, at Gresham College, London

Once Upon a Prime: The Wondrous Connections Between Mathematics and Literature. New York: Macmillan, 2023

Once Upon a Prime is a lively, well-researched excursion through the overlapping worlds of mathematics and literature. Drawing from diverse literary and mathematical traditions and cultures, Hart compellingly and wittily

Damiano Fulghesu, James A. Sellers, Courtney K. Taylor

triangular area (have a lot of paper handy). They might have to establish intricate trig identities or solve strange problems from solid geometry. And, once the math was done, they'd still have to translate Latin poetry, write intelligently about the essays of John Ruskin, and identify major battles from the Punic Wars. In short, applicants had to be extremely well-educated just to get into Bryn Mawr. Knowing that I would have stood no chance of passing a matriculation exam, I came away mightily impressed by these bright young women of long ago."

Paul R. Halmos-Lester R. Ford Awards

Dan Kalman and Robert Mena

"A Tale of Two by Two Matrices." ***The American Mathematical Monthly*** 130, no. 4 (2023): 315–324.

The authors show how to use a set of matrices introduced in 1949 by Kjell Kolden, along with associated directed graphs and sequences, to provide efficient approaches to numerous results, ranging from standard ones commonly encountered by undergraduates to a well-ordering of the positive rationals. The matrices in question encode continued fraction expansions and enjoy multiple properties, including a unique factorization property. The infusion of bits of humor and history throughout makes reading this interesting article an enjoyable journey.

"We are deeply honored and grateful that our paper has been selected to receive the Halmos-Ford Award. We thank the MAA for providing publications and award programs that enrich our profession."

Eli Hicks, R. Andrew Hicks, Ron

mathematical tools can be used for physically relevant problems such as automotive blind spots and mirrors of all types. The article features lively diagrams, elucidating photographs, and historical and technological context.

We're thrilled to

In bacterial growth mo ten use average time to division to get a simple e l function for the numb ia at a given time. However, as the authors of this demonstrate, the gr acteria population depends in interesting and surpl ways on the overall f the time to division, rather than just the average. the natural distributi ors examine, the usual model significantly underest the bacterial popula over time. This paper's elucidating mix of theory a simulation shows re rprising depths of an apparently simple problem.

"I am honored to rece l B. Allendoerfer Award, together with my coauth Wright. Our paper was conversations with one of my high school ma colleagues, Will Rose, ed the underlying premises of bacterial work in stochastic processes rogram, and I thought this woul time to put that k