

A Word from the Editor

The *Mathematics Exchange* continues to reach more readers as it publishes quality articles that focus on topics of interest to undergraduate mathematics students across the globe. The editorial team has no other priority than making sure that the readers of the *Mathematics Exchange* get articles that motivate and inspire them to love mathematics and pursue this as the core part of their future career path.

The current issue features four articles that are of interest to undergraduate students of mathematical sciences. The first article discusses a mathematical model that describes and predicts the performance of open limestone channel in the treatment of acid mine drainage. The second article shows how mathematics enters into the world of music by demonstrating that Byzantine music satisfies an exponential relation that involves certain parameters intrinsic to the music. How much logic is involved in student constructed proofs of mathematical statements? What do mathematicians do when they “get stuck” in the course of developing a proof? These are two questions explored at length in the third article. The last article gives an overview of the complex world of random number generation. Several established generators are also explored. Finally, the Problems Section carries two mathematical problems, and we encourage undergraduate readers to send their solutions to the editor by December 1, 2015.

We hope that you will enjoy reading this issue of the *Mathematics Exchange* and, as always, we welcome and encourage ideas on how we can better serve our readers.

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