

2015

## Contents

Follow this and additional works at: <http://docs.lib.purdue.edu/jpeer>

---

### Recommended Citation

(2015) "Contents," *Journal of Pre-College Engineering Education Research (J-PEER)*: Vol. 5: Iss. 1, Article 1.  
<https://doi.org/10.7771/2157-9288.1118>

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact [epubs@purdue.edu](mailto:epubs@purdue.edu) for additional information.

This is an Open Access journal. This means that it uses a funding model that does not charge readers or their institutions for access. Readers may freely read, download, copy, distribute, print, search, or link to the full texts of articles. This journal is covered under the [CC BY-NC-ND license](https://creativecommons.org/licenses/by-nc-nd/4.0/).

# Contents

Journal of Pre-College Engineering Education Research

*April Issue 5 : 1*

---

- Beyond Blackboards: Engaging Underserved Middle School Students in Engineering* 1  
*Sarah Blanchard, Justina Judy, Chandra Muller, Richard H. Crawford, Anthony J. Petrosino, Christina K. White, Fu-An Lin, and Kristin L. Wood*
- Math, Science, and Engineering Integration in a High School Engineering Course: A Qualitative Study 15  
*Clara G. Valtorta and Leema K. Berland*
- The Promise of the Maker Movement for Education 30  
*Lee Martin*
- An Introduction to the Standards for Preparation and Professional Development for Teachers of Engineering 40  
*Jackson E. Reimers, Cheryl L. Farmer, and Stacy S. Klein-Gardner*