

# Collaborative Research: Resource of Open Problems for Education (ROPE)

## Biographical Sketch

Spencer Hamblen

### (a) Professional Preparation

Amherst College	Mathematics and Women's and Gender Studies	BA, 1998
Cornell University	Mathematics	PhD, 2005
Queen's University	Mathematics	Postdoctoral, 2005 to 2007

### (b) Appointments

Assistant Professor, McDaniel College	2007 to 2013
Associate Professor, McDaniel College	2013 to present

### (c) Products

S. Hamblen. Lifting  $n$ -dimensional Galois representations. *Canadian Journal of Mathematics*, vol. 60, no. 5, (2008), 1028-1049.

S. Hamblen, R. Ramakrishna. Deformations of certain reducible Galois representations II. *American Journal of Mathematics*, vol. 130, no. 4, (2008), 913-944.

S. Hamblen, R. Jones, K. Madhu. The Density of Primes in Orbits of  $z^d + c$ . *International Mathematics Research Notices*, to appear. [[arXiv:1303.6513](#)]

### (d) Synergistic Activities

Contributor to GoodQuestions project ( <a href="http://www.math.cornell.edu/GoodQuestions/">http://www.math.cornell.edu/ GoodQuestions/</a> )	Spring 2004
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### (e) Collaborators and Other Affiliations

Rafe Jones (Carleton College)  
 Kalyani Madhu (University of Rochester)  
 Colleen Duffy (University of Wisconsin-Eau Claire)  
 Kate Petersen (Florida State University)  
 Ravi Ramakrishna (Cornell University)  
 Ben Steinhurst (McDaniel College)