

Annual Report: Pi Mu Epsilon – Vermont Alpha Chapter – 2018-19

Advisor and Officers:

Advisor: Dr. Zsuzsanna Kadas

President: Mariah Boudreau; *VP:* Levi Holmes

Number of new members Inducted: 9 ; Number of continuing student members: 8

Major Activities:

The annual **Pi Mu Epsilon Lecture** was held in conjunction with the Induction Ceremony. The talk, titled **The Mathematics of Medical Imaging** was given by **Sarah Hamilton '07 Ph.D.**, Assistant Professor of Mathematics at Marquette University. It was very special having an alumna of the College return to give this address, particularly since Sarah was Co-President of this Pi Mu Epsilon chapter in 2006-07.

Monthly Department Colloquia are co-sponsored by Pi Mu Epsilon, and PME officers introduce the visiting speakers.

A highlight is the September Math Colloquium featuring presentations by students who participated in summer research projects or internships, among them were PME members:

Mariah Boudreau '19 - “Dartmouth Research Experience: Variations of the MMV Problem”;

Lillian Richardson '20 – “Summer Intern: SIU”;

Hattie Wilczewski '20 – “Colorado Summer Institute in Biostatistics”

Some News about Members and Grads:

Brittany Baker '11 (Co-President of VT Alpha 2010-11) completed her Ph.D. in Mathematics at the University of Minnesota.

Thomas Dickerson '13 completed his Ph.D. in Computer Science at Brown University.

Mariah Boudreau '19 received the Outstanding Senior in Mathematics award. She will pursue graduate studies in mathematics and data science at the University of Vermont.