

# Evan “Pete” Walsh

## Campus Address:

2410 Snedecor Hall  
Department of Statistics  
Iowa State University  
Ames, IA 50010

## Contact Information:

Email: [epwalsh@iastate.edu](mailto:epwalsh@iastate.edu)  
Website: [epwalsh.com](http://epwalsh.com)

## EDUCATION

---

### Iowa State University, Ames, IA

*Statistics Ph.D. track*  
Overall GPA: 3.85/4.00

August 2014 - Present

### St. Lawrence University, Canton, NY

*Bachelor of Science (B.S.), Mathematics (with honors)*  
Major GPA: 3.95/4.00  
Overall GPA: 3.76/4.00

August 2010 - May 2014

### 华东师范大学(East China Normal University), Shanghai, China

*Semester abroad, Mandarin Chinese and economics*

Spring 2013

## RESEARCH EXPERIENCE

---

### Research Assistant

*St. Lawrence University Department of Chemistry*

- Worked with Dr. Robin Lock in assisting the chemistry department by using R to discern how the composition of 4 local rivers changes week-by-week throughout the year
- Analyzed, using various methods, how the concentration of 72 elements and anions were affected by different conditions
- See <https://epwalsh.shinyapps.io/ShinyApp/>

Fall 2013 - Spring 2014

### Senior Honors Thesis

*St. Lawrence University Department of Mathematics*

Advisor: Duncan Melville, Ph.D.

- Explored the efficacy of momentum mutual funds and ETF's with regard to Sharpe-ratios and market alphas, finding that they have significantly underperformed the market over certain periods
- Examined the causes of the poor performance including transaction costs and option-like behavior following prolonged market declines

Fall 2013 - Spring 2014

## TEACHING EXPERIENCE

---

### Course Lecturer

*Iowa State University Department of Statistics*

- STAT 101 - Principles of Statistics

Spring 2015

### Course Lab Instructor

*Iowa State University Department of Statistics*

- STAT 101 - Principles of Statistics
- STAT 326 - Business Statistics II

Fall 2014

-

## RELEVANT COMPUTER SKILLS

---

**Programming:** Proficient in R; experience with Java, C, C++, and Python

**Markup:** Experienced with L<sup>A</sup>T<sub>E</sub>X, HTML, CSS and Markdown

**Software:** Comfortable with R Studio, JMP, Minitab; limited experience with SAS

**Operating systems:** Native to OS X; experience with Windows and Linux

## HONORS AND AWARDS

---

Full Graduate Assistantship, *Iowa State University* August 2014 - Present

Honors in Mathematics, *St. Lawrence University* May 2014

Magna Cum Laude, *St. Lawrence University* -

NCAA Liberty League All-Academic Team (Men's Soccer), *St. Lawrence University* Fall 2010 - Fall 2012

## ORGANIZATIONS

---

Institute of Mathematical Statistics, *Member* October 2014 - Present

American Statistical Association, *Member* -

Iowa State STAT-ers, *Member* -

StatCom, *Consultant* -

Pi Mu Epsilon National Mathematics Honorary Society, *Member* February 2012 - May 2014

St. Lawrence University Crown Royalty Investment Club, *Senior Analyst* August 2013 - May 2014

St. Lawrence University Men's Soccer, *Midfielder* August 2010 - November 2012

## RELEVANT COURSEWORK

---

### Iowa State University

- STAT 580 - Statistical Computing (Audit) Spring 2015
- CS 573 - Machine Learning -
- STAT 543 - Theory of Probability and Statistics II -
- STAT 510 - Statistical Methods II -
- STAT 579 - An Introduction to R Fall 2014
- STAT 542 - Theory of Probability and Statistics I -
- STAT 500 - Statistical Methods I -