

Nick Paterno

MATHEMATICS EDUCATOR

Puyallup, Washington

🏠 npaterno.github.io/left_coast_stats | 📧 npaterno | 🌐 [npaterno](#) | 🐦 [mathl3t3](#)

Education

Portland State University

MS IN MATHEMATICS

- Thesis: Integral Closure and the Unique Factorization of Monic Polynomials

Portland, Oregon

Sept 2009 - June 2011

The University of Montana

BA (WITH HONORS) IN MATHEMATICS

- Outstanding Senior in Applied Mathematics
- Outstanding Senior in Pure Mathematics
- Montana Integrative Learning Experience for Students Seed Grant Recipient
- Undergraduate Teaching Scholar

Missoula, Montana

Aug 2005 - May 2009

Experience

Pacific Lutheran University

RESIDENT INSTRUCTOR

- Intro to Math Statistics (Math/Stat 242)
- Introductory Statistics (Stat231)
- Math of Personal Finance (Math105)
- Mathematical Explorations (Math107)
- Precalculus (Math140)
- Calculus II (Math152)

Tacoma, Washington

Fall 2021 - Present

OpenIntro

DATA MANAGEMENT LEAD

- Package development and maintenance with the R programming language for the {data_hunters} package. This is an internal package that acts as a repository for data sets prior to their inclusion in the {openintro} package.
- Lead a team of volunteers to cultivate real world data sets including instruction of R, RStudio, Git and GitHub.

Volunteer Position

October 2020 - Present

Pierce College

ADJUNCT ASSOCIATE PROFESSOR

- Math in Society (Math&107)
- Precalculus I (Math&141)
- Precalculus II (Math&142)
- Introduction to Statistics (Math&146)
- Calculus I (Math&151)
- Calculus II (Math&152)
- Calculus III (Math&153)
- Finite Mathematics (Math&156)
- Multivariate Calculus (Math 224)
- Differential Equations (Math 238)
- Calculus IV (Math 264)

Winter 2012 - Present

Lakewood, WA

Pacific Lutheran University

VISITING INSTRUCTOR

- Precalculus (Math140)
- College Algebra & Trigonometry (Math115)
- Precalculus (Math140)
- Introductory Statistics (Stat231)

Tacoma, Washington

Fall 2019 - Spring 2021

Pacific Lutheran University

VISITING LECTURER

- College Algebra & Trigonometry (Math115)
- Precalculus (Math140)
- College Algebra & Trigonometry (Math115)

Tacoma, Washington

Spring 2018, Spring 2019

The University of Montana

TEACHING ASSISTANT

- Ordinary Differential Equations (Math311)

Missoula, Montana

Fall 2008

Professional Development

CONFERENCES

Annual Conference

WASHINGTON MATHEMATICAL ASSOCIATION OF TWO YEAR COLLEGES

- April 21-23, 2016
- May 18-20, 2017
- May 17-19, 2018

Vis2020: Virtual

IEEE COMPUTER SOCIETY

- October 27-30, 2020

NHS-R Conference

THE HEALTH FOUNDATION/NATIONAL HEALTH SERVICE (UK)

- November 10-13, 2020

GitHub Universe

GITHUB

- December 8-10, 2020

RStudio::Global(2021)

RSTUDIO

- January 21-22, 2021

CascadiaRConf 2021: Infectious Ideas

R

- June 4-5, 2021

CURRICULUM DEVELOPMENT

2020 **CoRequisite Community of Practice:**

2018 **Statistics Norming Group:** Introduction to Statistics (Math&146)

2017 **Course Content and Outcomes Committee:** Calculus III & Multivariate Calculus (Math&153/224)

2016 **Course Content and Outcomes Committee:** Calculus I/II (Math&151/152)

2016 **Course Content and Outcomes Committee:** Business Precalculus (Math&147)

WORKSHOPS & SEMINARS

Summer 2022 **Undergraduate Statistics Project Competition (USPROC) Judge:** Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)

Winter 2021 **USPROC Judge:** CAUSE

2020 **Inclusive Pedagogy:** Pacific Lutheran University

2020 **Canvas 101:** Pierce College

2020 **Pivotal Pedagogy:** Pacific Lutheran University

2020 **Foundation for Teaching Online:** Pierce College

2016 **College 110 Teaching & Learning Collaborative:** Pierce College

TALKS

CascadiaR-Conf 2021 **Teaching Non-STEM Students to Code:** Slides available on Github

PLU Seminar **Generative Art:** Slides available on Github

MEMBERSHIPS

AMERICAN STATISTICAL ASSOCIATION

2020-Present