

Nick Paterno

MATHEMATICS EDUCATOR

Puyallup, Washington

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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

- Co-Organizer for DataFest
- Intro to Math Statistics (Math/Stat 242)
- Introductory Statistics (Stat231)
- Math of Personal Finance (Math105)
- Mathematical Explorations (Math107)
- College Algebra and Trigonometry (Math115)
- Precalculus (Math140)
- Calculus II (Math152)

Tacoma, Washington

Fall 2021 - Present

OpenIntro

FELLOW & 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.
- Help maintain GitHub repositories

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)

Lakewood, WA

Winter 2012 - Present

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

- Ordinary Differential Equations (Math311)

Professional Development

CONFERENCES

The Grading Conference

HIGHER Ed Focus

- June 13-15, 2024
- June 3-4, 2022

eCOTS

CAUSE

- June 10-13, 2024

CascadiaRConf 2021: Infectious Ideas

R

- June 4-5, 2021

RStudio::Global(2021)

RSTUDIO

- January 21-22, 2021

GitHub Universe

GITHUB

- December 8-10, 2020

NHS-R Conference

THE HEALTH FOUNDATION/NATIONAL HEALTH SERVICE (UK)

- November 10-13, 2020

Vis2020: Virtual

IEEE COMPUTER SOCIETY

- October 27-30, 2020

Annual Conference

WASHINGTON MATHEMATICAL ASSOCIATION OF TWO YEAR COLLEGES

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

CURRICULUM DEVELOPMENT

- 2024 **Course Content and Outcomes Committee:** Introduction to Statistics (Math&146)
- 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

- 2024 **Using Mathematical Models to Make Introductory Statistics More Relevant and Coherent:** CAUSE
- 2024 **Quarto Course Notes Websites: Open-Source, Searchable, Modular, Future-Proof, and Easy!:** CAUSE
- 2024 **Qualitative Code Webinar:** CAUSE
- 2024 **Alternative Assessment Webinar:** CAUSE
- 2023 **Passion Driven Statistics:** Wesleyan
- 2022 - Present **Undergraduate Statistics Project Competition (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