

# Nick Paterno

MATHEMATICS EDUCATOR

Tacoma, Washington

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## Education

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### 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

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### Pacific Lutheran University

RESIDENT INSTRUCTOR

- Statistics for Biologists (Math/Stat 145)
- Introductory Statistics (Stat231)
- Intro to Math Statistics (Math/Stat 242)
- Math of Personal Finance (Math105)
- Mathematical Explorations (Math107)
- College Algebra & Trigonometry (Math115)
- Precalculus (Math140)
- Calculus II (Math152)
- Multivariable Calculus (Math253)

*Tacoma, Washington*

*Fall 2021 - 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

- Various courses

*Tacoma, Washington*

*Spring 2018, Spring 2019 - Spring 2021*

### The University of Montana

TEACHING ASSISTANT

- Ordinary Differential Equations (Math311)

*Missoula, Montana*

*Fall 2008*

# Professional Development

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## 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

GIT HUB

- December 8-10, 2020

### RStudio::Global(2021)

R STUDIO

- January 21-22, 2021

### CascadiaRConf 2021: Infectious Ideas

R

- June 4-5, 2021

## CURRICULUM DEVELOPMENT

- 2025 **Course Content and Outcomes Committee:** Intro 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)

## SEMINARS & SERVICE

- 2022 - Present **PLU DataFest co-organizer:** Pacific Lutheran University
- Winter 2021 - Present **Undergraduate Statistics Project Competition (USPROC) Judge:** Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)
- 2020 - Present **Data Management Lead:** OpenIntro
- 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