

Green River College
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USA

Steven Black

Vitæ

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“If a certain topic feels clunky, belabored, or boring to teach, rest assured the culprit of your misadventure lies not in the topic material, but in your presentation.”

–Steven Black

Tenure

Mar 2001 Green River Community College
Auburn, Washington

Education

Aug 1996 M.S. Mathematics
Oregon State University

Jun 1994 B.S. Mathematics
University of California, Davis

Jun 1990 A.A. General Studies
College of the Sequoias

Dissertation

May 1996 The Fundamental Group of the Hawaiian Earring
Advisor: William A. Bogley

Selected Course Work

General Topology, Algebraic Topology, Differential Geometry,
Real Analysis, Complex Analysis, Algebra, Linear Algebra,
Combinatorics, Number Theory

Teaching

- 1998–present **GREEN RIVER COLLEGE**
Full time faculty
Courses taught:
- Precalculus 1
 - Precalculus 2
 - Differential Calculus
 - Integral Calculus
 - Sequences & Series
 - Multivariable Calculus
 - Linear Algebra
- 1997 **WESTERN OREGON UNIVERSITY**
Adjunct faculty
Courses taught:
- Business Calculus
- 1997–1998 **CHEMEKETA COMMUNITY COLLEGE**
Adjunct faculty
Courses taught:
- Precalculus 1
 - Contemporary Mathematics
- 1994–1997 **OREGON STATE UNIVERSITY**
Adjunct faculty
Courses taught:
- Differential Calculus
 - Integral Calculus
- Graduate teaching assistant
Courses taught:
- Precalculus 1
 - Differential Calculus
- Courses assisted:
- Discrete Mathematics
 - Precalculus 1
 - Business Calculus
 - Integral Calculus

Honors & Awards

- 1990 Jack A. Hollis Memorial Scholarship
College of the Sequoias
- 1990 Chancellor's Academic Scholarship
University of California, Davis
- 1995 Academic Excellence Award
Oregon State University
- 2002 Distinguished Faculty Award
Green River Community College
- 2010 Distinguished Faculty Award (nominee)
Green River Community College
- 2013 Distinguished Faculty Award (nominee)
Green River Community College

Service & Committees

- 1999–2001 Institutional Effectiveness Committee
Green River Community College
- 1999–2000 Library Accreditation Project Team
Green River Community College
- 2000–2010 Library Advisory Committee
Green River Community College
- 2000–present David Bender Memorial Scholarship Committee
Mathematics Division
- 2000–2014 Student Grader Supervisor
Mathematics Division
- 2000–present Precalculus and Calculus Textbook Committees
Mathematics Division
- 2002 Accreditation Report Team
Mathematics Division
- 2003 Mathematics Division Hiring Committee
Green River Community College
- 2003 Faculty Award/Recognition Committee
Green River Community College Foundation
- 2006 Post-tenure Committee for David Nelson (Chair)
Green River Community College
- 2007 Post-tenure Committee for Lara Michaels (Chair)
Green River Community College

- 2008 Post-tenure Committee for Janet Ash (Chair)
Green River Community College
- 2010 Quantitative & Symbolic Reasoning Assessment Committee (Chair)
Green River Community College
- 2010 Mathematics Division Hiring Committee (Chair)
Green River Community College
- 2010–2016 Faculty Development Committee (Chair)
Green River Community College *Allocate funds to faculty for professional development activities*
- 2010 President’s Budget Think Tank
Green River Community College
- 2011 Northwest Community College Math Conference Planning Committee
Mathematics Division
- 2011 Post-tenure Committee for Felix Serna (Chair)
Green River Community College
- 2012 International Student Task Force
Green River Community College *Recommend to President regarding impact of IP on access and classroom dynamics*
- 2012 Post-tenure Committee for Janet Ash (Chair)
Green River Community College
- 2012 Cedar Hall Art Selection Committee
Green River Community College
- 2013–present International Education Committee
Green River Community College *Administrate application process for teaching opportunities abroad*
- 2013 Social Studies Hiring Committee
Green River Community College
- 2016–Present Tenure Committee for Michael Macon (Chair)
Green River Community College
- 2016–2017 Program Assessment & Improvement (Co-coordinator)
Mathematics Division *Design, implement, and departmentalize PA&I process*
- 2016–2017 Adjunct Faculty Evaluation Process Committee (Chair)
Mathematics Division
- 2017–2018 Post-tenure Committee for Lara Michaels (Chair)
Green River Community College

Presentations

- Fall 1995 Mapping Class Groups of Surfaces
Topology seminar, Department of Mathematics
Oregon State University

- Spring 1996 The Fundamental Group of the Hawaiian Earring
Topology seminar, Department of Mathematics
Oregon State University
- Apr 2002 Typesetting Beautiful Scientific Documents with L^AT_EX
Washington Mathematical Association of Two-Year Colleges
Yakima, Washington
- Jun 2003 Maple in the Classroom
In-service workshop, Mathematics Division
Green River Community College
- Fall 2010 Quantitative & Symbolic Reasoning Assessment report
Opening week session, Learning Outcomes
Green River Community College

Workshops, Seminars & Conferences

- Sep 1998 Teaching seminar
Washington State Community and Technical College Education
Lynwood, Washington
- Apr 1999 State math conference
Washington Mathematical Association of Two-Year Colleges
Ocean Shores, Washington
- Apr 2000 State math conference
Washington Mathematical Association of Two-Year Colleges
Wenatchee, Washington
- Nov 2000 State math symposium
First Annual Community College Symposium
University of Washington, Seattle
- Apr 2001 Regional math conference
Northwest Community College Mathematics Conference
Stevenson, Washington
- Apr 2002 State math conference
Washington Mathematical Association of Two-Year Colleges
Yakima, Washington
- Apr 2004 State math conference
Washington Mathematical Association of Two-Year Colleges
Yakima, Washington
- Nov 2005 National math conference
American Mathematical Association of Two-Year Colleges
San Diego, California
- Nov 2007 National math conference
American Mathematical Association of Two-Year Colleges
Minneapolis, Minnesota

- May 2008 State math conference
Washington Mathematical Association of Two-Year Colleges
Chelan, Washington
- Apr 2009 State math conference
Washington Mathematical Association of Two-Year Colleges
Columbia Basin College, Pasco, Washington
- Apr 2011 Regional math conference
Northwest Community College Mathematics Conference
Stevenson, Washington
- Nov 2011 National math conference
American Mathematical Association of Two-Year Colleges
Austin, Texas

Technology

Platforms: MS Windows, Unix, Linux, X-Windows

Languages: Pascal

Mathematical software: Maple, Mathematica, MatLab

Typesetting: \TeX , \LaTeX , Word

Web design: HTML, CSS, FrontPage

Miscellaneous: Excel, Emacs, Vi, WinFig, *Tikz*

Graphing calculators: TI-82, 83⁽⁺⁾, 84, 85, 86, 89, 92; HP-38G, 49

Professional Associations

Mathematical Association of America (MAA)

American Mathematical Association of Two Year Colleges (AMATYC)