

CURRICULUM VITAE

Kimberly Jeanne (Regnier) Jongerius
February, 2025

EDUCATION

Doctor of Philosophy in Mathematics
Colorado State University, Ft. Collins, CO
Dissertation: *Reflexive Modules and Brauer Groups of Toric Varieties*
Advisor: Frank DeMeyer
Graduation: August 1993

Master of Science in Mathematics
Colorado State University, Ft. Collins, CO
Graduation: May 1988

Bachelor of Science in Mathematics and English, Summa Cum Laude
Northern Arizona University, Flagstaff, AZ
Graduation: May 1986
Phi Kappa Phi: Spring 1986

EMPLOYMENT

NORTHWESTERN COLLEGE

August 1993 – present
Professor 2005 – present
Associate Professor 1999 – 2005
Assistant Professor 1993 – 1999

TEACHING EXPERIENCE

Theory Courses

Current: College Geometry, Linear Algebra, Logic and Discrete Mathematics, Abstract Algebra

Past: Number Theory, Discrete Mathematics

Computational Courses in the Major

Current: Calculus III

Past: Calculus I, Calculus II, Differential Equations

Service Courses

Current: Biostatistics (onsite and online)

Past: First-Year Seminar; Basic Algebra; Intermediate Algebra; College Algebra;
Trigonometry; Precalculus; Calculus for Management, Life, and Social Sciences;
Mathematics for Elementary Teachers; Topics in Contemporary Mathematics; Applied
Statistics for Management; Classical Physics I

Senior Seminar

Current: Mathematical Minds

Honors Seminar

Past: Work and Calling, Humor

Core Honors Course

Current: Pattern and Structure: Mathematics in Literature

INSTITUTIONAL SERVICE

Task Forces on ...

Faculty Handbook Revision (2021-22)
Academic Program Prioritization (2018-19, chair)
Governance (Summer/Fall 2011)
Faculty Evaluation (Summer 2008)
Learning Goals (2005 – 06)
VPAA Restructure (2003 – 04, co-chair)
Faculty Salaries (Summer 2003, chair)
Growth Analysis (2001 – 02)
Faculty Evaluation (1999 – 2000, chair)
Writing Across the Curriculum (Spring 1996)

Standing Committees

Integrative General Education Committee (2012 – 15)
Faculty Status Committee (2003 – 04, 2007 – 11; chair 08 – 09, 09 – 10, 10 – 11)
Nominating Committee (2002)
Academic Affairs Committee (2001 – 03)
Academic Resources Committee (1998 – 2001)
Admission, Retention, and Honors Committee (1996 – 98)
Academic Policies Committee (1994 – 1996, chair, 95 – 96)

Work Groups

Online Advisory Work Group (Spring 2020, Fall 2021)
Core Work Group (Spring 2020)

Administrative Tasks

Mathematics Department Chair (1994 – 96, 2012 - present)
Interim Associate Dean of Curriculum (2004 – 06)
Organizer of the Academic Component to Fall Orientation (2002 and 2003)
Honors Program Co-Director (1996 – 2001)

Departmental Tasks

Data Science and Statistics Major Proposal (2021)
Statistics Major Proposal (2019)
Math Fun Night Coordinator (2004 – 06; 2021-22)
Student Teacher Supervision (1999 – 2001)
Mathematics Curriculum Restructuring (1997)
Iowa Collegiate Mathematics Competition (1995 and 2005, took teams of students to compete)
Advising and Recruiting (1994 – present)
Assessment (2012 – present)

Chapel Talks

“God Can Use Anything” (Spring 2025)
“Flatland” (Spring 2012)
“House Story” (Spring 2000)

"Women in Leadership" (Fall 1995)

Search Committees

Accounting Search Committee (2024, also a second BUS position; 2021)
Physics Search Committee (2023, 2018, 2015, 2010, 2005)
Director of Engineering Search Committee (2022)
Mathematics Search Committee (2021, 2015, 1999, 1996, 1994)
VPAA Search Committee (2016, chair; 1999)
Presidential Search Committee (2007)

Other Assignments

Coordinated implementation of ALEKS for math placement (2021)
Faculty President (2019 – 2025)
Spring Service Advisor (Amsterdam 2009)
NCA Self-Study Committee (2004 – 05)
New Faculty Mentor (2001 – 02, 2002 – 03, 2007-08)
Strategic Thinking Council (1997 – 98)
Faculty Representative to Student Government Association (1996 – 98)

PROFESSIONAL ACTIVITY

Publications

Kim Jongerius, 2023. "Mathematical Minds: A Senior Seminar for the Mathematically-Minded," *Journal and Proceedings of the Association of Christians in the Mathematical Sciences*, <https://acmsonline.org/wp-content/uploads/2023/05/journal-and-proceedings-2023.pdf>, pp. 177-186.

Kim Jongerius, 2023. "Mathematics," *Journal of Humanistic Mathematics*, [Mathematics \(claremont.edu\)](https://mathematics.claremont.edu).

Kim Jongerius, 2016. "Pressure and Impulse in Student Learning: What I Learned From Teaching Physics," ACMS conference proceedings, <http://www.acmsonline.org/conferences/2015/ACMS-2015-Proceedings.pdf>, pp. 44-46.

Kim Jongerius and Ray Rosentrater, 2011. "Infinity," *Mathematics Through the Eyes of Faith*, James Bradley and Russell Howell, eds., HarperOne, pp. 37-62.

Kim Jongerius and Ray Rosentrater, 2011. "Dimension," *Mathematics Through the Eyes of Faith*, James Bradley and Russell Howell, eds., HarperOne, pp. 63-92.

Kim Jongerius and Robert Myers, 2011. "Proof and Truth," *Mathematics Through the Eyes of Faith*, James Bradley and Russell Howell, eds., HarperOne, pp. 115-142.

Kim Regnier Jongerius, 2009. "Rules and insights: connecting the mathematical and linguistic abilities of C.S. Lewis," *Journal of the Association of Christians in the Mathematical Sciences*, <http://www.acmsonline.org/Jongerius2009.html> [peer-reviewed online journal.]

Frank DeMeyer and Kimberly Regnier, 1996. "Etale Cohomology of Toric Varieties Defined by Infinite Fans," *Journal of Pure and Applied Algebra*, pp. 207-217.

Frank DeMeyer and Kim Regnier, 1992. "Examples of Reflexive Modules," *Methods in Module Theory*, pp. 67-73.

Presentations

Kim Jongerius, "Prerequisites," meditation at the worship service of the Biennial Meeting of the Association of Christians in the Mathematical Sciences, May 2024.

Kim Jongerius, "Does God Live in Another Dimension? Mathematical Insights into the Nature of God," Dordt University "Pizza and a Presentation" lecture series, April, 2024.

Kim Jongerius, "Amazed by Creation: God's Foresight and Design in Mathematics," First Reformed Church (Orange City) adult Sunday school class, September, 2022.

Kim Jongerius, "Mathematical Minds: A Senior Seminar for the Mathematically-Minded," Biennial Meeting of the Association of Christians in the Mathematical Sciences, May, 2022.

Kim Jongerius, "Does God Live in Another Dimension? How What We Assume Shapes What We Believe," Zoom presentation in *Scientists in Synagogues*, Temple Mount Sinai, El Paso, TX, April 26, 2021.

Kim Regnier Jongerius, "Pattern and Structure: *The Curious Incident of the Dog in the Night-Time* and Understanding a Mathematical Mind," Joint Mathematics Meetings of the American Mathematical Society and the Mathematical Association of America, January 30, 2020.

Kim Jongerius, "Does God Live in Another Dimension?" Western Christian High School, Calculus class, September 12 and 19, 2019.

Kim Jongerius, "Does God Live in Another Dimension?" Northwestern College 2016 Day of Learning in Community, February 10, 2016.

Kim Jongerius, "Pressure and Impulse in Student Learning: What I Learned From Teaching Physics," Biennial Meeting of the Association of Christians in the Mathematical Sciences, May, 2015.

Kim Jongerius, "Writing Around the Room," Northwestern College Fall Faculty Workshop, August, 2011.

Kim Jongerius, "Does God Live in Another Dimension?" Heartland Convention for Heartland Christian Schools, October, 2011.

Kim Jongerius, et al, "Mathematics Through the Eyes of Faith," panel discussion on upcoming book, Biennial Meeting of the Association of Christians in the Mathematical Sciences, June 2011.

Kim Jongerius, "Rules and insights: connecting the mathematical and linguistic abilities of C.S. Lewis," Biennial Meeting of the Association of Christians in the Mathematical Sciences, May, 2007.

Kim Jongerius, "Flatland: what a glimpse into a 2-dimensional world can tell us about the nature of God," Northwestern College Commencement address, Spring 2006.

Kim Jongerius, "Have you ever done something stupid?" Northwestern College Honors Convocation address, Spring 2006.

Marc Wooldridge and Kim Jongerius, "Generated Sets," New England Conference of Music Theorists, Yale University, April 5, 1997.

Kim Regnier, "The Relative Cohomological Brauer Group of a Toric Variety and its Applications to Reflexive Modules," *Methods in Module Theory: 1993*, University of Colorado at Colorado Springs, October, 1993.

Grants

Northwestern Scholarship Grant to write two [eventually became three] chapters of an upcoming book, *Mathematics Through the Eyes of Faith*, Summer 2010

NWC Summer Scholarship Grant to study mathematical imagery in the writings of C.S. Lewis, 2006

Meetings/Workshops

Joint Meetings of the Mathematical Association of America and the American Mathematical Society, January 2020, 2018, 2017, 2015, 2013, 2012, 2011, 2009, 2007, 2006, 2005, 2004, 2002, 1995, 1994
Heartland Convention, October 2012
Mathematics on the Northern Plains Undergraduate Conference, Spring 2004
North Central Regional MAA meeting, Fall 2003, Spring 1998
Association of Christians in the Mathematical Sciences conferences, May 2024 (presenter), May 2022 (presenter), May 2019, May 2015 (presenter), May 2013, June 2011 (presenter), May 2009, May 2007 (presenter), June 2005, May 2003, May 2001, and May 1999
North Central Regional MAA meeting, Spring 1997
New England Conference of Music Theorists, Spring 1997 (presenter)
MAA Mathfest, August 1996
National Council of Teachers of Mathematics conference, Spring 1996
Project PROMPT (workshop for teaching math for elementary teachers), Summer 1995
Project NExT (New Experiences in Teaching) Workshop and the Joint Meetings of the American Mathematical Society and the Mathematical Association of America, Winter 1994 and Winter 1995
Project NExT workshop and the MAA's Mathfest, Summer 1994, Summer 1995
Methods in Module Theory conference, Fall 1993 (presenter)

Reviews

Reviewer for [*Is Math Real? How Simple Questions Lead Us to Mathematics' Deepest Truths. Reformed Journal*](#), January 2023.
External evaluator for the Mathematics Department at Eastern Mennonite University, Spring 2023.
Article referee, "Mourning of a Mathematician." *Journal and Proceedings of the ACMS*, 2019.
Article referee, "Factors that Motivate Students to Learn Mathematics." *Proceedings of the ACMS*, 2019.
Article referee, "The Daily Question: Building Student Trust and Interest in Undergraduate Introductory Probability and Statistics Courses." *Proceedings of the ACMS*, 2017.
Article referee, "Fostering Instructor Knowledge of Student Thinking Using the Flipped Classroom," *PRIMUS (Problems, Issues, and Resources in Mathematics Undergraduate Studies)*, October, 2015.
Article referee, "Vocation and the Ordinary Christian." *Journal of the Association of Christians in the Mathematical Sciences*, 2008.
Article referee, "Mathematics as Poesis." *Journal of the Association of Christians in the Mathematical Sciences*, 2005.
External evaluator for the Mathematics Department at Trinity Christian College, Spring 2004.
Reviewer for *Thomas' Calculus, 10th ed.*, Finney, Weir, Giordano (chapters 10 – 13), July 1999.
Reviewer for *Elementary and Intermediate Algebra: A Combined Approach, 2nd ed.*, Kaufman, Spring 1997.

Other Scholarly Activity

Associate Editor of the *Dolciani Exposition Series in Mathematics* (published by the Mathematical Association of America), 2020 - present

Professional Affiliations

Association of Christians in the Mathematical Sciences (board member June 2005 – 13;
secretary 07-09; vice-president 09-11, president 11-13)

Mathematical Association of America

National Council of Teachers of Mathematics

Mentor (Project NExT 2007, 2014, 2015)

HONORS AND RECOGNITIONS

Northwestern Teaching Excellence Award, 2005 (finalist, 2004)

Promotion to Professor, Northwestern College, Spring 2005

Tenure and Promotion to Associate Professor, Northwestern College, Spring 1999

Project NExT Fellow, 1994-95