

## CURRICULUM VITAE

Kimberly Jeanne Jongerius  
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### PERSONAL

Name: Kim (Regnier) Jongerius  
Addresses: home: 600 Lincoln Ave SE  
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### 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  
Assistant Professor 1993 – 1999  
Associate Professor 1999 – 2005  
Professor 2005 – present

#### Teaching Experience

##### *Theory Courses*

*Current:* College Geometry, Logic and Discrete Mathematics, History of Mathematics

*Past:* Number Theory, Discrete Mathematics, Abstract Algebra, Linear Algebra

##### *Computational Courses in the Major*

*Current:* Calculus II

*Past:* Calculus I, Calculus III, Differential Equations

##### *Service Courses*

*Current:* Biostatistics, Basic Algebra

*Recent:* College Algebra, Mathematics for Elementary Teachers, Calculus for Management, Life, and Social Sciences

*Past:* Applied Statistics for Management, Topics in Contemporary Mathematics, Trigonometry, Precalculus, Intermediate Algebra

##### *Honors Seminars*

*Past:* Work and Calling, Humor (three times)

## **Institutional Service**

### ***Task Forces on ...***

Governance (Summer/Fall 2011), Faculty Evaluation (Summer 2008), Learning Goals (2005 – 2006), VPAA Restructure (2003 – 2004, co-chair), Faculty Salaries (Summer 2003, chair), Growth Analysis (2001 – 2002), Faculty Evaluation (1999 – 2000 , chair), Writing Across the Curriculum (Spring 1996)

### ***Standing Committees***

Integrative General Education Committee (2012 – 2015), Faculty Status Committee (2003 – 2004, 2007 – 2011, chair 08-09, 09-10, 10-11), Nominating Committee (2002), Academic Affairs Committee (2001 – 2003), Academic Resources Committee (1998 – 2001), Admission, Retention, and Honors Committee (1996 – 1998), Academic Policies Committee (1994 – 1996, chair, 95 – 96)

### ***Administrative Tasks***

Mathematics Department Chair (1994 – 1996, 2012 - present), Interim Associate Dean of Curriculum (2004 – 2006), Organizer of the Academic Component to Fall Orientation (2002 and 2003), Honors Program Co-Director (1996 – 2001)

### ***Departmental Tasks***

Math Fun Night Coordinator (2004 – 2006), 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 – )

### ***Chapel Talks***

“Flatland” (spring 2012), “House Story” (spring 2000), “Women in Leadership” (fall 1995)

### ***Other Assignments***

VPAA Search Committee (2016, chair), Spring Service Advisor (Amsterdam 2009), Presidential Search Committee (2007), NCA Self-Study Committee (2004 – 05), New Faculty Mentor (2001 – 02, 2002 – 03, 2007-08), VPAA Search Committee (1999 – 2000), Strategic Thinking Council (1997 – 98), Faculty Representative to Student Government Association (1996 – 98)

## **Professional Activity**

### ***Publications***

- 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, “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 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 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, June 2011, May 2009, May 2007, 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

Methods in Module Theory conference, fall 1993 (presenter)

### **Reviews**

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, 10<sup>th</sup> ed.*, Finney, Weir, Giordano (chapters 10 – 13), July 1999

Reviewer for *Elementary and Intermediate Algebra: A Combined Approach, 2<sup>nd</sup> ed.*, Kaufman, spring 1997

### **Professional Affiliations**

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

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