Dr. Kenneth M Monks Curriculum Vitae				
Work Address 2190 Miller Drive Longmont, CO 80501 https://monks.frontrange.edu kenneth.monks@frontrange.edu		Home Address 585 N Lincoln Ave Apt 405 Loveland, CO 80537 (570) 710-7181 kmmonks@gmail.com		
Employment	Faculty at Front Range Community College - Boulder Cou Mathematics	inty Campus, Department of		
		August 2012 – present		
	Co-founder of Prove it! Math Academy, a proof-writing a dents	academy for high school stu- August 2014 – present		
Education	Ph.D. and M.S. in Mathematics under Alexander Hulpke	Colorado State University May 2012		
	B.S. in Mathematics, minors in Comp Sci and Philosophy	University of Scranton May 2006		
Courses Taught	 Math for Liberal Arts College Algebra Business Calculus Precalculus Calculus I Calculus III Calculus III Differential Equations with Linear Algebra Discrete Mathematics Abstract Algebra (summer course at Colorado State Applications of Finite Group Theory (six-week grad State University) Many independent studies spanning topics in discree All courses taught at Front Range Community College 	e University) uate minicourse at Colorado te mathematics - Boulder County Campus		
	except where otherwise noted.			
Awards and Honors	• Boettcher Foundation Teacher Recognition Award (2022)		
	• Henry L. Alder Award for Distinguished Teaching University Mathematics Faculty Member, Mathema (2020)	by a Beginning College or tical Association of America		
	• Early Career Teaching Award, Rocky Mountain S Association of America (2019)	ection of the Mathematical		
	• Master Teacher Award, Front Range Community Colpus (2017)	llege – Boulder County Cam-		
	• Front Range Community College President's Innov OER in calculus (2016)	vation Grant for creation of		

Professional	• Co-editor in chief of Annals of the TRIUMPHS Society, the journal of the TRI- UMPHS Society (2022 - present)						
Service	 MAA Anneli Lax Book Series Editorial Board (2022 - present) Front Range Community College - Boulder County Campus, Faculty Senate President (2019–2022) Rocky Mountain Section of the MAA - Vice Chair (2019–2022) 						
					 Colorado Community College System - WeBWorK Liaison (2019-present) Front Range Community College - Strategic Planning Committee (2019-2021) Front Range Community College - OER Task Force/OER Council Member (2018-present) Front Range Community College - Boulder County Campus, Master Teacher Award Committee Chair and Member (2017-present) Colorado Mathematical Association of Two-Year Colleges, President (2017-2020) 		
	• Serves as a referee for journals whenever reasonable to do so						
	Selected Talks	FRCC Assessapalooza	Virtual				
		webwork: the free online mathematics homework platform!	October 29, 2021				
		Pikes Peak Regional Undergraduate Mathematics	Virtual				
		Keynote Speaker. Stupid Simple Examples – All We've Got!	February 27, 2021				
		Keynote Speaker. Stupid Simple Examples – All We've Got! Joint Mathematics Meetings Building an ODEs Course on Collaborative Overleaf Projects	February 27, 2021 Denver, Colorado January 16, 2020				
		Keynote Speaker. Stupid Simple Examples – All We've Got! Joint Mathematics Meetings Building an ODEs Course on Collaborative Overleaf Projects Learning Assistant Alliance International Conference	February 27, 2021 Denver, Colorado January 16, 2020 CU Boulder				
	 Keynote Speaker. Stupid Simple Examples – All We've Got! Joint Mathematics Meetings Building an ODEs Course on Collaborative Overleaf Projects Learning Assistant Alliance International Conference Developing Effective Materials for the LA-Supported Classroom 	February 27, 2021 Denver, Colorado January 16, 2020 CU Boulder Nov 3, 2018					
	 Keynote Speaker. Stupid Simple Examples – All We've Got! Joint Mathematics Meetings Building an ODEs Course on Collaborative Overleaf Projects Learning Assistant Alliance International Conference Developing Effective Materials for the LA-Supported Classroom MathFest 	February 27, 2021 Denver, Colorado January 16, 2020 CU Boulder Nov 3, 2018 Denver, Colorado					
	 Keynote Speaker. Stupid Simple Examples – All We've Got! Joint Mathematics Meetings Building an ODEs Course on Collaborative Overleaf Projects Learning Assistant Alliance International Conference Developing Effective Materials for the LA-Supported Classroom MathFest Implementing Primary Source Projects Using Overleaf 	February 27, 2021 Denver, Colorado January 16, 2020 CU Boulder Nov 3, 2018 Denver, Colorado Aug 4, 2018					
	 Keynote Speaker. Stupid Simple Examples – All We've Got! Joint Mathematics Meetings Building an ODEs Course on Collaborative Overleaf Projects Learning Assistant Alliance International Conference Developing Effective Materials for the LA-Supported Classroom MathFest Implementing Primary Source Projects Using Overleaf FRED Talks (Front Range TED-style Talks) 	February 27, 2021 Denver, Colorado January 16, 2020 CU Boulder Nov 3, 2018 Denver, Colorado Aug 4, 2018 FRCC BCC					
	 Keynote Speaker. Stupid Simple Examples – All We've Got! Joint Mathematics Meetings Building an ODEs Course on Collaborative Overleaf Projects Learning Assistant Alliance International Conference Developing Effective Materials for the LA-Supported Classroom MathFest Implementing Primary Source Projects Using Overleaf FRED Talks (Front Range TED-style Talks) Pólya Problem Solving 	 February 27, 2021 Denver, Colorado January 16, 2020 CU Boulder Nov 3, 2018 Denver, Colorado Aug 4, 2018 FRCC BCC Mar 12, 2014 					
	 Keynote Speaker. Stupid Simple Examples – All We've Got! Joint Mathematics Meetings Building an ODEs Course on Collaborative Overleaf Projects Learning Assistant Alliance International Conference Developing Effective Materials for the LA-Supported Classroom MathFest Implementing Primary Source Projects Using Overleaf FRED Talks (Front Range TED-style Talks) Pólya Problem Solving Zassenhaus Group Theory Conference The Odd Partition Poset and Möbius Numbers of Subgroup Lattice 	February 27, 2021 Denver, Colorado January 16, 2020 CU Boulder Nov 3, 2018 Denver, Colorado Aug 4, 2018 FRCC BCC Mar 12, 2014 Towson University ces May 29, 2011					
	 Keynote Speaker. Stupid Simple Examples – All We've Got! Joint Mathematics Meetings Building an ODEs Course on Collaborative Overleaf Projects Learning Assistant Alliance International Conference Developing Effective Materials for the LA-Supported Classroom MathFest Implementing Primary Source Projects Using Overleaf FRED Talks (Front Range TED-style Talks) Pólya Problem Solving Zassenhaus Group Theory Conference The Odd Partition Poset and Möbius Numbers of Subgroup Lattice Rocky Mountain Algebraic Combinatorics Seminar Color The Marvelous Book A=B 	February 27, 2021 Denver, Colorado January 16, 2020 CU Boulder Nov 3, 2018 Denver, Colorado Aug 4, 2018 FRCC BCC Mar 12, 2014 Towson University ces May 29, 2011 rado State University Feb 11, 2011					

Selected Publications	• Monks, K. "Fourier's Infinite Series Proof of the Irrationality of <i>e</i> ," <i>Convergence</i> (October 2022)	
	• Barnett, J., Kylve, D., Monks, K., and Parker, A. "Learning from the Master: A Collection of Euler-based Primary Source Projects for Today's Students, Part I,", Volume 2, Issue 1, <i>Euleriana</i> (March 2022)	
	• Monks, K. "Fourier's Heat Equation and the Birth of Modern Climate Science: A Mini-Primary Source Project for Differential Equations and Multivariable Cal- culus Students," <i>Convergence</i> (February 2022)	
	• Monks, K. "Bhāskara's Approximation to and Mādhava's Series for Sine: A Mini- Primary Source Project for Second-Semester Calculus Students," <i>Convergence</i> (May 2021)	
	• Gillespie, M., Monks, K., and Monks, K. "Enumerating anchored permutations with bounded gaps," <i>Discrete Mathematics</i> , Volume 343, Issue 9, Article 111957 (September 2020)	
	• Monks, K. "Braess' Paradox in City Planning: A Mini-Primary Source Project for Multivariable Calculus Students," <i>Convergence</i> (May 2020)	
	• Monks, K. "Euler's Calculation of the Sum of the Reciprocals of the Squares: A Mini-Primary Source Project for Calculus II Students," <i>Convergence</i> (August 2019)	
	• Monks, K. "An Elementary Proof of the Explicit Formula for the Möbius Number of the Odd Partition Poset," <i>Journal of Integer Sequences</i> , Volume 21, Article 18.9.6 (2018)	
	• Monks, K., Monks, K., Monks, K., and Monks, M. "Strongly sufficient sets and the distribution of arithmetic sequences in the $3x + 1$ graph," <i>Discrete Mathematics</i> , Volume 313, Issue 4, Pages 468–489 (February 2013)	
	 Monks, K. "The sufficiency of arithmetic progressions for the 3x+1 Conjecture," Proceedings of the American Mathematical Society, Volume 134, Pages 2861–2872 (May 2006) 	
Other Interests	The Putnam. Has been a competitor, coach, or grader for the William Lowell Putnam Mathematical Competition almost every year from 2002–present	
	Cooking. Offers cooking classes at the local food co-op, competes in cook-offs, and caters events for friends/family	
	Family. Proud to have an absolutely bonkers 3-year old with wife and local business owner Faith Mata	
	Language Learning. Recent (healthy!) obsession with language learning, leading to intermediate proficiency in Italian and the basic proficiency in Latin	
	Music. Plays guitar and writes songs for soul band Mama Lenny and the Remedy and folk band Sugarbirds	