

Graham Leach-Krouse

Curriculum Vitae

CONTACT INFORMATION Department of Philosophy *Telephone:* 413.218.4173
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306 Dickens Hall
Manhattan, KS 66506-0802

EMPLOYMENT	2019-Present	Kansas State University Associate Professor
	2013-2019	Kansas State University Assistant Professor
	2011-2013	University of Notre Dame Graduate Instructor
EDUCATION	2005-2013	University of Notre Dame Ph.D., Logic and the Foundations of Mathematics Dissertation: Conceptions of Absolute Provability Philosophy Advisors: Timothy Bays, Michael Detlefsen (chair) Mathematics Advisor: Paul Larson
	2001-2005	Amherst College B.A., Philosophy and English <i>Summa Cum Laude</i> , with distinction
	2003-2004	Oxford University, Hertford College Junior Year Abroad

AREAS OF SPECIALIZATION Philosophy of Mathematics
Philosophical Logic
Mathematical Logic

PROFESSIONAL ACTIVITIES

Publications

2022	<i>Solovay's Theorem and the Unexpected Examination</i> In <i>Paradoxes between Truth and Proof</i> , forthcoming
	<i>Hyperdoctrine Semantics: An Invitation</i> In <i>The Logica Yearbook 2021</i> , forthcoming
2021	<i>On Not Saying What We Shouldn't Have to Say</i> <i>Australasian Journal of Logic</i> , 18(5):524-568
	<i>Coalgebra and Abstraction.</i> <i>Notre Dame Journal of Formal Logic</i> , 62(1):33-66.

2018	<i>Burali-Forti as a Purely Logical Paradox.</i> Journal of Philosophical Logic, 48(5):855-908.
	<i>Carnap: An Open Framework for Formal Reasoning in the Browser</i> In Proceedings 6th Int'l Workshop on Theorem Proving Components for Educational Software, Eds. P. Quaresma, W. Neuper, Electronic Proceedings in Theoretical Computer Science
2017	<i>What Russell Should have Said to Burali-Forti</i> Review of Symbolic Logic, 10(4):682-718
	<i>Generalizing Boolos' Theorem</i> Review of Symbolic Logic, 10(1):80-91
2016	<i>Provability, Mechanism and the Diagonal Problem</i> In Gödel's Disjunction, Eds. L Horstein, P Welsh, Oxford University Press
2015	<i>Structural-Abstraction Principles</i> Philosophia Mathematica 25 (1):45-72
2014	<i>Yablifying The Rosser Sentence</i> Journal of Philosophical Logic 43 (5):827-834

Conference Presentations

	<i>Hyperdoctrine Semantics: An Invitation</i>
Sept-Oct. 2021	Institute of Philosophy, Academy of Sciences of the Czech Republic Logica 2021
	<i>Coabstraction and the Continuum</i>
June 2021	L'unite SPHere, at Universite Paris-Diderot Philmath Intersem 11
	<i>The Carnap Proof Assistant: A Case Study in Open Source Software for Logic Pedagogy</i>
June 2019	University of British Columbia Canadian Philosophical Association Congress 2019
	<i>Abstraction and Duality</i>
March 2019	University of Notre Dame Mathematics in Philosophy: Purity and Idealization
March 2019	University of Texas, El Paso (Invited)
	<i>Burali-Forti as a Purely Logical Paradox</i>
May 2018	Association for Symbolic Logic 2018 North American Meeting
March 2018	Midlands Logic Seminar, University of Birmingham (Invited)
	<i>Carnap: An Open Framework for Formal Reasoning in the Browser</i>

January 2018	Eastern Meeting of the APA, Teaching Hub Special Session on Innovative Methods in Pedagogy
August 2017	Association for Automated Reasoning ThEdu17 (Theorem proving components for education) at CADE-26 (Conference on Automated Deduction)
<i>Burali-Forti and Indefinite Extensibility</i>	
June 2015	University of Oslo (Invited)
June 2015	University of Bristol (Invited)
June 2015	Institute of Philosophy, Academy of Sciences of the Czech Republic Logica 2015
<i>Generalizing Boolos' Theorem</i>	
March 2016	Association for Symbolic Logic 2015-2016 Joint Meeting with the American Philosophical Association
October 2014	Université Toulouse Sixth Annual French Phil. Math Workshop
<i>Conceptualizing Generic Sets</i>	
June 2014	Université Paris 7 Genericity Day (Invited)
<i>Structural Abstraction Principles</i>	
May 2014	University of Oslo Abstraction: Philosophy and Mathematics
May 2014	University of Colorado, Boulder Association for Symbolic Logic, North American Annual Meeting
April 2014	University of Connecticut First Annual Logic Group Workshop: Abstractionism/Neologicism
<i>Ω-Provability and Ω-Consequence Interpretations of Modal Logic</i>	
March 2013	University of Bristol The Limits and Scope of Mathematical Knowledge II (Invited)
<i>The Post-Gödel Dilemma: Recollection of an Anticipation</i>	
March 2012	University of Bristol The Limits and Scope of Mathematical Knowledge (Invited)
<i>Solovay's Theorem and the Unexpected Examination</i>	
June 2011	Universitat de Barcelona Paradoxes of Truth and Denotation
May 2011	University of Western Ontario Logic, Mathematics, and Physics Graduate Philosophy Conference 11
April 2011	Université Nancy 2 (Invited)

Explanatory Identities and Reductive Explanation

March 2007 | Carnegie Mellon University
Ninth Annual Pitt/CMU Graduate Student Philosophy Conference

TEACHING
EXPERIENCE

Kansas State University

Spring 2022	PHILO 386 Philosophy of Computer Science and Software Engineering PHILO 100, Introduction to Philosophical Problems
Fall 2021	PHILO 320, Symbolic Logic I PHILO 110, Introduction To Formal Logic PHILO 100, Introduction to Philosophical Problems
Spring 2021	PHILO 386 Philosophy of Computer Science and Software Engineering PHILO 301, History Of Philosophy PHILO 100, Introduction to Philosophical Problems
Fall 2020	PHILO 320, Symbolic Logic I PHILO 110, Introduction To Formal Logic PHILO 100, Introduction to Philosophical Problems
Spring 2020	PHILO 301, History Of Philosophy PHILO 100, Introduction to Philosophical Problems (×2)
Fall 2019	PHILO 320, Symbolic Logic I PHILO 110, Introduction To Formal Logic PHILO 680, Independent Study (Intellectual Property and Software)
Spring 2019	PHILO 301, History Of Philosophy PHILO 100, Introduction to Philosophical Problems (×2)
Fall 2018	PHILO 320, Symbolic Logic I PHILO 110, Introduction To Formal Logic PHILO 680, Independent Study (History of Philosophy)
Spring 2018	PHILO 301, History Of Philosophy PHILO 100, Introduction to Philosophical Problems (×2) PHILO 680, Independent Study (Informal Proof and Computation)
Fall 2017	PHILO 320, Symbolic Logic I PHILO 110, Introduction To Formal Logic PHILO 680, Independent Study (Modal Logic, five students)
Spring 2017	PHILO 301, History Of Philosophy PHILO 100, Introduction to Philosophical Problems
Fall 2016	PHILO 320, Symbolic Logic I PHILO 100, Introduction to Philosophical Problems
Spring 2016	PHILO 301, History Of Philosophy PHILO 100, Introduction to Philosophical Problems (×2) PHILO 680, Independent Study (Logical Pluralism)
Fall 2015	PHILO 100, Introduction to Philosophical Problems (×2) PHILO 680, Independent Study (Proof Theory) PHILO 680, Independent Study (Set Theory and Informal Proof)
Spring 2015	PHILO 610, Special Topics in Logic PHILO 100, Introduction to Philosophical Problems (×2)
Fall 2014	PHILO 615, Philosophy of Religion PHILO 320, Symbolic Logic I
Summer 2014	PHILO 680, Independent Study (Minds, Machines, and Morality)
Spring 2014	PHILO 100, Introduction to Philosophical Problems (×3)
Fall 2013	PHILO 510, Introduction to Symbolic Logic II PHILO 110, Formal Logic (×2)

University of Notre Dame

Instructor

Spring 2013	PHILO 10100, Introduction to Philosophy (×2)
Fall 2012	PHILO 10100, Introduction to Philosophy (×2)
Spring 2012	PHILO 10100, Introduction to Philosophy
Fall 2011	PHILO 10100, Introduction to Philosophy

Teaching Assistant

Spring 2008	PHILO 10100, Introduction to Philosophy
Fall 2007	PHILO 30313, Formal Logic
Spring 2007	PHILO 43331, Ancient Wisdom and Modern Love
Fall 2006	PHILO 10100, Introduction to Philosophy

GRANTS, AWARDS, **Kansas State University**
FELLOWSHIPS

2019	Munson-Simu Faculty Star Award (5 year period)
2015	Faculty Enhancement Grant
2014	Open Textbook Initiative Award (for design and implementation of an interactive open online logic text)

University of Notre Dame

2013	Outstanding Graduate Student Teaching Award
2012	Notebaert Professional Development Award
2011	Graduate Student Professional Development Award
2008,06	Graduate School Summer Fellowship
2005	Eli Lilly Presidential Fellowship

Association for Symbolic Logic

2010	North American Meeting Travel Award
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Amherst College

2006	Lamprecht Fellowship for the study of Philosophy
2005,10	Moore Fellowship for the study of Philosophy
2005	Gail Kennedy Memorial Prize for a distinguished honors thesis
2005	Phi Beta Kappa

PROFESSIONAL
SERVICE AND
MEMBERSHIPS

Refereeing

2022	Review of Symbolic Logic
2021	Review of Symbolic Logic, The Journal of Philosophy
2020	Review of Symbolic Logic, The Journal of Philosophy, Philosophia Mathematica
2019	Australasian Journal of Philosophy, Notre Dame Journal of Formal Logic
2018	Philosophia Mathematica, Erkenntnis ($\times 2$), Analysis
2017	British Journal for the Philosophy of Science ($\times 2$), Erkenntnis ($\times 2$), Philosophia Mathematica, Kansas Philosophical Society Annual Meeting
2016	Dialectica, Notre Dame Journal of Formal Logic, Review of Symbolic Logic
2015	Bulletin of Symbolic Logic, Philosophia Mathematica, Review of Symbolic Logic, Kansas Philosophical Society Annual Meeting
2014	Philosophia Mathematica, Minds and Machines, Review of Symbolic Logic, Archive for Mathematical Logic
2013	Erkenntnis, Studia Logica, Kansas Philosophical Society Annual Meeting

Departmental and University Service (Kansas State)

2021	Website Committee, Recruitment Committee, Director of Integrated Computer Science Major, Advising,
2020	Website Committee, Director of Integrated Computer Science Major, Advising,
2019	Website Committee, Development of Applied Computer Science Major, Development of Logic and Foundations Major/Certificate Program, Supervised Honors Project (Logan Kressley), Advising
2018	Job Search Committee, Website Committee, Mathematics Undergraduate Summer Research Experience (Mini-course on the Foundations of Mathematics), Recruitment Committee, Advising
2017	Course Scheduling Committee, Website Committee, Job Search Committee
2016	NEH Endowment Committee for K-State Libraries, Job Search Committee
2015	Recruitment Committee, Mathematics Undergraduate Summer Research Experience (Mini-course on the Foundations of Mathematics)
2014	Philosophy Club Committee, Website Committee, Recruitment Committee, Mathematics Undergraduate Summer Research Experience (Mini-course on the Foundations of Mathematics)
2013	Recruitment Committee

Other Professional Service

2022	Board of the Philosophy of Mathematics Association, Managing Editor of Reviews for the Bulletin of Symbolic Logic, Outside Consultant for UK Digital Twin Information Management Framework proposal.
2021	Board of the Philosophy of Mathematics Association, Managing Editor of Reviews for the Bulletin of Symbolic Logic, Post-Doc Reviewing for Austrian Science Fund, Application Review for the Von Humboldt Foundation.
2020	Board of the Philosophy of Mathematics Association, Editorial Board of the Bulletin of Symbolic Logic.
2019	Application Review for the Von Humboldt foundation, Board of the Philosophy of Mathematics Association
2017	Session Chair at the Central APA: Historically Oriented Philosophy of Mathematics
2016	Session Chair at the Central APA: Colloquium: Logic

Memberships

American Philosophical Association, Association for Symbolic Logic, Ideals of Proof ANR research project (2010-11), Philosophy of Mathematics Association