

ISAAC SUNDBERG

icraig@brynmawr.edu – imsundberg.github.io – Park Science Building 436

May 2019

EDUCATION	Bryn Mawr College	
	Ph.D. in Mathematics (advised by Paul Melvin)	(In Progress)
	M.A. in Mathematics	May 2018
	University of Wisconsin La Crosse	
	B.S. in Mathematics	May 2016
TEACHING	Bryn Mawr College	
	Teaching Assistant: Abstract Algebra I & II, History of Math, Theory of Probability, Topology	Sep 2016 - Present
	Murphy Learning Center	
	Math tutor: College Algebra, Pre-calculus and Trigonometry, Calculus I, II, & III, Linear Algebra, Differential Equations	Jan 2013 - Mar 2016
RESEARCH	Low-dimensional topology: Khovanov homology, Kirby calculus, knot	
INTERESTS	concordance, knot traces, smooth 4-manifolds	
PUBLICATIONS	Robert F. Allen and Isaac M. Craig, <i>Multiplication operators on weighted Banach spaces of a tree</i> , Bulletin of the Korean Mathematical Society, 54:3 (2017), 747-761	
TALKS	The Ins and Outs of Eversions	
	Research symposium talk, Bryn Mawr College	Apr 2019
	Knot Traces and Sliceness	
	Contributed conference talk, UI Urbana-Champaign	Mar 2019
	Contributed conference talk, King's College	Mar 2019
	An Introduction to Manifolds	
	Invited speaker, UW La Crosse	Nov 2018
	On Fiberings 3-manifolds	
	Master's defense, Bryn Mawr College	Apr 2018
	Contributed conference talk, Temple University	Mar 2018
	Your Daily Dose of Fiber (Bundles)	
	Research symposium talk, Bryn Mawr College	Apr 2018
	Brouwer Fixed Point Theorem	
	Invited seminar speaker, Bryn Mawr	Feb 2017
	Colloquium talk, UW La Crosse	Apr 2016
	Multiplication Operators on Weighted Banach Spaces of a Tree	
	Symposium poster, UW La Crosse	Mar 2016
	Conference talk, JMM Seattle	Jan 2016
	Colloquium talk, UW La Crosse	Oct 2015
	On the Classification of Surfaces	
	Colloquium talk, UW La Crosse	Dec 2015

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CONFERENCES	Graduate Student Topology and Geometry Conference (GSTGC)*	
✂ WORKSHOPS	Contributing speaker, UI Urbana-Champaign	Mar 2019
	MSRI Summer Graduate School on H-Principles*	
	Participant, Tambara Institute, University of Tokyo	Jun-Jul 2018
	Summer 2018 Geometry/Topology RTG mini-conference	
	Participant, Princeton University	Jun 2018
	Topology Student Workshop*	
	Participant, Georgia Institute of Technology	Jun 2018
	Graduate Student Conference in Algebra, Geometry, & Topology	
	Participant, Temple University	Jun 2019
	Participant, Temple University	Jun 2018
	EPaDel MAA Meetings	
	Contributing speaker, King's College	Jun 2019
	Contributing speaker, Temple University	Jun 2018
	Joint Mathematics Meeting	
	Contributing undergraduate speaker, Seattle, WA	Jan 2016
	*Received partial or full external funding by program.	
RESEARCH	Philadelphia Area Contact Topology (PACT)	
SEMINARS	Participant, Bryn Mawr College	Sep 2016 - Present
	Philadelphia Area Topology Contact/Hyperbolic	
	Participant, Bryn Mawr College, Haverford College, Temple University, University of Pennsylvania	Sep 2016 - Present
SERVICE	Graduate Student Association (GSA)	
	Co-chair, GSA Executive Board	Sep 2017 - May 2019
	Department representative, GSA Executive Board	May 2019 - Present
	GSA Representative, Graduate Council of Bryn Mawr College	Sep 2017 - Present
	Graduate Group of Sciences & Mathematics (GGSM)	
	Organizer, GGSM Professional Development Seminar	Apr 2018 - May 2019
	AMS Graduate Student Chapter	
	President, Bryn Mawr College	Sep 2018 - Present
	UW La Crosse Mathematics & Statistics Club	
	President, UW La Crosse	Sep 2015 - May 2016
	FastTrack Remedial Mathematics Camp	
	Tutor and staff, UW La Crosse	Aug 2015
	Girls in Science Day Camp	
	Teaching Assistant and Staff, UW La Crosse	Jun 2015

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AWARDS	Bryn Mawr Community Building Honor Roll	<i>May 2019</i>
✦ HONORS	Convocation Speaker Representing the GSA, Bryn Mawr College	<i>Sep 2018</i>
	McPherson Graduate Award for Excellence, Bryn Mawr College	<i>May 2018</i>
	Dept of Mathematics Outstanding Service Award, UW La Crosse	<i>May 2016</i>
	SIAM Outstanding Efforts & Accomplishments in the Chapter, UW La Crosse	<i>May 2016</i>
REFERENCES	Paul Melvin (Advisor), pmelvin@brynmawr.edu Lisa Traynor , ltraynor@brynmawr.edu	