405-574-1269 1718 W Alabama Ave Chickasha, OK 73018

CAMILLIA SMITH BARNES

www.cammie.tech linkedin.com/in/csbphd csb@alumni.harvard.edu

	EDUCATION	csb@alumni.harvard.ed
Harvard University	EDUCATION	Cambridge, M
PHD (<i>Philosophiae Doctor</i>), Mathematics		June 200
AM (Artium Magister), Mathematics		June 200
University of Cambridge		Cambridge, U.
MAST (Master of Advanced Study), Mathematics, w	vith Merit	June 200
lichigan State University		East Lansing, M
MS (Master of Science), Mathematics		May 200
Honors BS (Bachelor of Science), Mathematics, w.	ith Highest Distinction , Lyman Briggs	
Honors BA (Bachelor of Arts), English, with High		August 200
Honors BA (Bachelor of Arts), French, with High	est Distinction	August 200
niversité de Paris IV–Sorbonne		Paris, Franc
CERTIFICAT PRATIQUE de langue française, p	oremier degré, avec mention « bien »	April 200
	EMPLOYMENT	•
ssociate Professor, Department of Mathematic		University of Science & Arts of Oklahoma, 2015-presen
Taught 26 courses (13 distinct) & ∼150 studen	nts; spoke at 2 colloquia; received 1 gran	nt
Selected courses: Calculus III & IV; Modern A	Algebra; Linear Algebra; Combinatorics	s; Mathematical Methods in Physics (with Mathematica)
ssistant Professor, Department of Mathematic	al Sciences	Sweet Briar College, 2009–201
•		at 9 conferences & 9 colloquia; received 8 grants (2 external)
_	-	t Algebra; Mathematical Proofs; Java Programming
eaching Fellow, Department of Mathematics		Harvard University, 200
Taught 2 courses & \sim 50 students; spoke at 3 c	onferences & 4 colloquia; received 2 gr	•
Courses: Introduction to Functions & Calculus	-	
Iath Editor, McDougal Littell		Houghton Mifflin Company, 200
Customized Ron Larson's Geometry for Texas	schools by correlating ~80 textbook se	
Proofread & reformatted \sim 800 pages; wrote \sim		
ummer Research Intern, AT&T Labs-Researc	eh	AT&T Shannon Laboratories, 200
Researched location & tightening of upper bou		
Programmed in Maple to find first 10 bounds;	; helped to conjecture pattern for subseq	quent bounds
	MAJOR SCHOLARSHIPS & FELL	OWSHIPS
T&T Labs Fellow : AT&T Labs Fellowship Pro		AT&T Labs–Research, 200
ational Defense Science & Engineering Grad	luate Fellow [†] (3-year full tuition & stipend)	American Society for Engineering Education, 2002 & 200
ational Science Foundation Graduate Resear		National Science Foundation, 200
hurchill Scholar (1-year full tuition & stipend at Cam		Winston Churchill Foundation of the United States, 200
K Fulbright Scholar National Finalist: Unite	d States	Fulbright Scholar Program, 200
hodes Scholar State Finalist: Michigan		The Rhodes Trust, 200
Iarshall Scholar Regional Finalist: Midwest		Marshall Aid Commemoration Commission, 200
lumni Distinguished Scholar (4-year full room, be		Michigan State University, 199
ational Merit Scholar: John M. Stalnaker Mer	morial Scholarship (4-year, \$10,000 total)	National Merit Scholarship Corporation, 199
	SELECTED NATIONAL AWA	ARDS
		**
Villiam Lowell Putnam Competition: Top 500		Mathematical Association of America, 2000 & 200
lice T. Schafer Mathematics Prize: Honorable	e Mention	Mathematical Association of America, 2000 & 200
lice T. Schafer Mathematics Prize: Honorable lathematical Contest in Modeling: Honorable	e Mention	Mathematical Association of America, 2000 & 200 Association of Women in Mathematics, 199
Villiam Lowell Putnam Competition: Top 500 lice T. Schafer Mathematics Prize: Honorable lathematical Contest in Modeling: Honorable hi Beta Kappa Society: Inductee	e Mention	Mathematical Association of America, 2000 & 200 Association of Women in Mathematics, 199 Consortium for Mathematics & Its Applications, 1998 & 199 Michigan State University, 199
lice T. Schafer Mathematics Prize: Honorable Iathematical Contest in Modeling: Honorable hi Beta Kappa Society: Inductee Iath Genealogy Mapper, Python: Web scra	e Mention Mention RECENT SOFTWARE PROJE aper to extract math PhD student-adviso	Mathematical Association of America, 2000 & 200 Association of Women in Mathematics, 199 Consortium for Mathematics & Its Applications, 1998 & 199 Michigan State University, 199 ECTS
lice T. Schafer Mathematics Prize: Honorable lathematical Contest in Modeling: Honorable hi Beta Kappa Society: Inductee lath Genealogy Mapper, Python: Web scra Crawls Math Genealogy Project website & col oke Fetcher, Swift: iOS joke-generating app	RECENT SOFTWARE PROJE aper to extract math PhD student-adviso llects data for given mathematician; gen	Mathematical Association of America, 2000 & 200 Association of Women in Mathematics, 199 Consortium for Mathematics & Its Applications, 1998 & 199 Michigan State University, 199 ECTS or lineages terates LATEX file to output formatted PhD tree as PDF
lice T. Schafer Mathematics Prize: Honorable lathematical Contest in Modeling: Honorable hi Beta Kappa Society: Inductee lath Genealogy Mapper, Python: Web scra Crawls Math Genealogy Project website & col oke Fetcher, Swift: iOS joke-generating app Queries Internet Chuck Norris Database API &	RECENT SOFTWARE PROJECTION AND ADMINISTRATION OF TWO PROJECTION OF THE PROJECTION OF TWO PROJECTION OF	Mathematical Association of America, 2000 & 200 Association of Women in Mathematics, 199 Consortium for Mathematics & Its Applications, 1998 & 199 Michigan State University, 199 ECTS or lineages lerates LATEX file to output formatted PhD tree as PDF 201 uts name to substitute in jokes
lice T. Schafer Mathematics Prize: Honorable Iathematical Contest in Modeling: Honorable hi Beta Kappa Society: Inductee Iath Genealogy Mapper, Python: Web scra Crawls Math Genealogy Project website & col oke Fetcher, Swift: iOS joke-generating app Queries Internet Chuck Norris Database API & ull's-Eye Guesstimation, Swift: Graphical	RECENT SOFTWARE PROJECTION AND ADMINISTRATION OF TWARE PROJECTION	Mathematical Association of America, 2000 & 200 Association of Women in Mathematics, 199 Consortium for Mathematics & Its Applications, 1998 & 199 Michigan State University, 199 ECTS or lineages terates LATEX file to output formatted PhD tree as PDF uts name to substitute in jokes 201
lice T. Schafer Mathematics Prize: Honorable lathematical Contest in Modeling: Honorable hi Beta Kappa Society: Inductee lath Genealogy Mapper, Python: Web scra Crawls Math Genealogy Project website & col oke Fetcher, Swift: iOS joke-generating app Queries Internet Chuck Norris Database API & ull's-Eye Guesstimation, Swift: Graphical Stores user statistics & customization via Core	RECENT SOFTWARE PROJECTION OF THE PROJETION OF THE PROJECTION OF THE PROJECTION OF THE PROJECTION OF T	Mathematical Association of America, 2000 & 200 Association of Women in Mathematics, 199 Consortium for Mathematics & Its Applications, 1998 & 199 Michigan State University, 199 ECTS or lineages relates LATEX file to output formatted PhD tree as PDF 201 uts name to substitute in jokes rating vector graphics at runtime
lice T. Schafer Mathematics Prize: Honorable lathematical Contest in Modeling: Honorable hi Beta Kappa Society: Inductee lath Genealogy Mapper, Python: Web scra Crawls Math Genealogy Project website & col oke Fetcher, Swift: iOS joke-generating app Queries Internet Chuck Norris Database API & ull's-Eye Guesstimation, Swift: Graphical Stores user statistics & customization via Core lanoodle Solver, C++: Interactive app to solve	RECENT SOFTWARE PROJECTION OF THE PROJETION OF THE PROJECTION OF THE PROJECTION OF THE PROJECTION OF T	Mathematical Association of America, 2000 & 200 Association of Women in Mathematics, 199 Consortium for Mathematics & Its Applications, 1998 & 199 Michigan State University, 199 ECTS or lineages relates LATEX file to output formatted PhD tree as PDF 201 uts name to substitute in jokes rating vector graphics at runtime
lice T. Schafer Mathematics Prize: Honorable lathematical Contest in Modeling: Honorable hi Beta Kappa Society: Inductee lath Genealogy Mapper, Python: Web scra Crawls Math Genealogy Project website & col oke Fetcher, Swift: iOS joke-generating app Queries Internet Chuck Norris Database API & ull's-Eye Guesstimation, Swift: Graphical Stores user statistics & customization via Core lanoodle Solver, C++: Interactive app to solve	RECENT SOFTWARE PROJECTION OF THE PROJETION OF THE PROJECTION OF THE PROJECTION OF THE PROJECTION OF T	Mathematical Association of America, 2000 & 200 Association of Women in Mathematics, 199 Consortium for Mathematics & Its Applications, 1998 & 199 Michigan State University, 199 ECTS or lineages relates LATEX file to output formatted PhD tree as PDF 201 uts name to substitute in jokes rating vector graphics at runtime