

GRADUATE STUDENT AND NEW PHD VOLUNTEERS

Name (26)	@math.uchicago.edu	weeks	course preference
Alan Anders	aanders	8	3b, 3c, 4a
Sundeep Balaji	sundeepb	8	
Marius Beceanu	mbeceanu	2-5	Fefferman
Ian Biringer	biringer	1-2, 8?	
Michael Broshi	mbroshi	1-7, 8	
Anna-Marie Bohmann	bohmann	8	
Khalid Bou-Rabee	khalid	8	
Mitya Boyarchenko	mitya	8	
Tom Church	tchurch	8	geometry
Richard LeRoy Cudney	cudney	8	
Matthew Day	mattday	8	geometry
Shawn Drenning	shawn	8	any
Damir Dzhali Dzhafarov	damir	2-8	1, 2c, 2a, 3b
Spencer Dowdall	sdowdall	3-8	Farb, Bader
Jim Fowler	fowler	8	
Michael Geline	geline	1-4	Farb
Bertrand Guillou	bertg	1-4	May, Farb, Law-Feff
Niles Johnson	niles	8	
John Lind	lind	8	
Justin Malestein	justinm	8	Farb, Fiore, Lawler, ...
Aaron Marcus	amarcus	8	mild pref for 4 or 3
Courtney Morris	clmorris	1-4 or 1-6	
Irine Peng	irine	8	Lawler, Farb; Kerr
Andrew Putman	andyp	1-4	any but 1, prefer 3a
Travis Schedler	trasched	2-8	Babai
Ian Shipman	ics	8	
Saravanan Thiyagarajan	avan	8	2, 3, and 4
Gabe Kerr	gdkerr	1-6	

A few graduating undergraduates are also available to help.

Samuel Altschul	salt@uchicago.edu	?	
Shawn Henry	shawnh@uchicago.edu	8 weeks	

1. BABAI. discrete mathematics. Eight weeks.
- 2a. LAWLER. Random walks and Brownian motion. Weeks one and two.
- 2b. FEFFERMAN. When does a Fourier series converge?. Weeks three – four.
- 2c. FIORE: Mathematics and music. Weeks five and six.
- 3a. FARB. Mapping class groups. Weeks one through four.
- 3b. BADER. Groups of two by two matrices. Weeks five and six.
- 3c. KERR. Toric geometry. Weeks seven and eight.
- 4a. MAY. Surfaces, algebras, and TQFT's. Weeks one through four.
- 4b. ANGELTVEIT. Products on topological spaces. Weeks five through eight.
5. BABAI. APPRENTICE PROGRAM: Number theory and linear algebra

(see next page)

Participants and numbers of mentors; need people in charge by subgroup

31 or 32 apprentices: 8-10 mentors

Geline, Guillou, Kerr, Morris, Putman

22 SESAME (weeks 7-8): 6-7 mentors

8 YSP 7-8: 2-3 mentors

8 YSP 9-10: 2-3 mentors

9 YSP 11-12, others: 2-3 mentors

Course assistance (tentative suggestions in parentheses)

Babai needs four or five people: Schedler (in charge), Dzhafarov, Drenning, one or two more (volunteers are needed).

Lawler - Fefferman: check with them; maybe two: Beceanu (Peng)?

Farb should have four: (Church, Day, Dowdall, Malestein)?

May probably wants four: (Guillou, Johnson, Lind, Bohmann)?

Check with instructors; they should all have at least one:

Bader, Kerr: Anders

Angeltveit: Lind