

Math Day 2018 -
Volunteer Detailed Instruction Sheet

name of activity	first name	last name	email	Sessions offered	Capacity	tickets needed	Room	volunteer instructions
Autocorrect fail? The Math Behind Why Smart Phones.	Steve	Klee	klees@seattleu.edu	Plenary	1400 total	no	Kane 130 & simulcast	No volunteer needed
Billiard Balls and Laser Beams	Daniel	Finkel	dan@mathforlove.com	I	345	no	Gug 220	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Bitcoin, Blockchain, and the Boogeyman Behind it	Sara	Billey	billey@math.washington.edu	I	230	no	Kane 110	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Donuts and Coffee Cups (and other Mathematical Surfaces)	Kristin	DeVleming	kdev@u.washington.edu	I	440	no	Kane 120	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Really, There's New Math?	Andrew	Berget	andrew.berget@wwu.edu	I	185	no	Savery 260	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Perplexing Simply Stated Problems	Jennifer	McLoud-Mann	jmcloud@uw.edu	I	300	no	Bagley 131	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
The Wonderful World of Graphs	Monty	McGovern	mcgovern@math.washington.edu	II	345	no	Gug 220	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124

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How to Be Extremely Good at Dots and Boxes	Jonah	Ostroff	ostroff@uw.edu	II	300	no	Bagley 131	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Humans and Robots	Sam	Burden	sburden@uw.edu	II	185	no	Savery 260	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
It's all Fun and Games Until Somebody Becomes a Mathematician!"	Allison	Henrich	henricha@seattleu.edu	II	440	no	Kane 120	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Keep it up: How to Juggle Numbers	Adam	Kapilow	akapilow@uw.edu	II	230	no	Kane 110	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Never-ending Fractions, Herds of Cattle, Riddles and Cryptography: a Tale by Diophantus.	Amos	Turchet	aturchet@uw.edu	III	300	no	Bagley 131	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Sharing Cakes With No Headaches	Wing L.	Mui	winglmui@gmail.com	III	345	no	Gug 220	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124

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Symmetry, Topology and the Nobel Prize	Jonathan	Beardsley	jbeards1@uw.edu	III	440	no	Kane 120	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
How to Catch a Liar: from Games to Coding Theory	Ioana	Dumitriu	dumitriu@uw.edu	III	230	no	Kane 110	Arrive at the location early enough to assist presenters with setup. Priority is to be in the room and assist the presenter. If there is a second volunteer, they should be outside the room directing attendees to the lecture room. Please be aware of the time and provide the presenters a 5 min warning at the end of the session. Students do not need a ticket for this lecture session. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Panel Discussion: Undergraduate Life	Sarah	Garner	sterrs@uw.edu	I	80	no	SAV 264	Arrive at the location early enough to assist presenters with setup. Please be aware of the time and provide the presenters a 5 min warning. Students do not need a ticket for this session. If a second volunteer is assigned, they should be outside the room directing students. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Info Session: UW Admissions	Matt	Bishop	mbishop@uw.edu	III	185	no	SAV 260	Arrive at the location early enough to assist presenters with setup. Please be aware of the time and provide the presenters a 5 min warning. Students do not need a ticket for this session. If a second volunteer is assigned, they should be outside the room directing students. Post a "Presentation Full" sign (in volunteer packet) on the outside of the door, when session fills. If problems arise, you can reach someone at registration day of the event by calling 206-999-0275 OR 206-999-3124
Applied Physics Laboratory	Caitlin	Whalen	cbwhalen@uw.edu	I, II, III	50	yes	N/A - see volunteer instructions	Bring the group to the Henderson Hall east entrance, where there is a lobby/registration desk. An APL representative should be waiting there. If not, ask at the main desk. Tell them you are with math day and there for a presentation. The APL representative will bring the them up to the large seminar room where we'll do our spiel on all the fun math-based stuff that goes on at APL.
Campus Tour	Tamara	Long	tamaral@uw.edu	I, II, III	40	yes	Campus Tour guide meets group at Flagpole on Memorial Way	Bring the student group to the Campus Tour guide around the west corner of Kane Hall at the Flagpole on Memorial. If you are not able to locate the campus tour guide representatives by the statue, let the volunteer desk know right away. If the tour guide does not need you for the rest of the tour you can return to the volunteer desk for another assignment.
Computer Science & Engineering tours	Tyler	Fosty	fosty@cs.washington.edu	I, II, III	25	yes	N/A - see volunteer instructions	Please have the volunteer escort students to the main atrium of the Allen Center for CS&E, near Reboot cafe. Stay with the group during the session and walk with the group back to Kane Hall after the session
How to Count the Hairs on Your Head	Kolya	Malkin	kolya_malkin@hotmail.com	I,II	20	yes	SAV 132	Please bring group to room assigned, wait and assist the lecturer if needed. Give the presenter a 5 minute warning when time is running out and walk with the group back to Kane Hall after the session.
Knights and Liars	Anna	Burago	ania_burago@hotmail.com	II, III	40	yes	SAV 138	Please bring group to room assigned, wait and assist the lecturer if needed. Give the presenter a 5 minute warning when time is running out and walk with the group back to Kane Hall after the session.

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Mathematical Card Tricks	Sean	Griffin	griff.sean.t@gmail.com	I, II	40	yes	SAV 136	Before Math Day- All volunteers should check in with me at least 1 week in advance so we can go over the card tricks and they have time to practice. Day of the event- Please bring group to room assigned, wait and assist the lecturer if needed. Give the presenter a 5 minute warning when time is running out and walk with the group back to Kane Hall after the session.
Mathematician Scavenger Hunt at the Mathematics Research Library:	Anya	Bartelmann	acbartel@u.washington.edu	I, II	20	yes	Padelford Hall, C-306	Please lead the students to the assigned location (Paddelford C-306, third floor of the C wing of the building) and meet Anya Bartelmann there. You may want to contact her ahead of time to find out what more she may want you to do during the session and plan to lead the student back to Kane Hall after the activity.
PAPER Origami	Terry	Allen	tams.twin@hotmail.com	I, II, III	15	yes	SAV 130	Please bring group to room assigned, wait and assist the lecturer if needed. Give the presenter a 5 minute warning when time is running out and walk with the group back to Kane Hall after the session.
Planetarium	TJ	Marchello	marchello.tj@gmail.com	I, II, III	40	yes	N/A - see volunteer instructions	Please bring the entire student group directly to the Planetarium. See link http://www.astro.washington.edu/groups/outreach/planetarium/directions.php . To prevent unticketed attendees from joining the planetarium group we will assign a second volunteer to each session of this field trip. That volunteer will give attendees a ticket at GW Statue after taking their field trip ticket. At the Planetarium collect the second ticket from the attendees before they enter the building. Any attendees arriving at the building without the second ticket should NOT be admitted.
Plasma - The Fourth State of Matter	Genia	Vogman	contactgenia@gmail.com	I, II, III	30	yes	Aerospace Eng. Bldg. Rm 130	Please bring group to room assigned, wait and assist the lecturer if needed. Give the presenter a 5 min warning when time is running out and, walk with the group back to Kane Hall after the session.
Problems and a Piece of Paper	Molly	Baird	bairdm2@uw.edu	II, III	40	yes	SAV 131	Please bring group to room assigned, wait and assist the lecturer if needed. Give the presenter a 5 minute warning when time is running out and walk with the group back to Kane Hall after the session.
Problem-Solving Strategies w/ Puzzles	Milkeala	Wingard-Phillips	info@mathnificent.com	I, II, III	unlimited	no	Kane Hall lobby	This is an unticketed activity; students make their way to the Kane Hall lobby where tables will be set up for the puzzle activity. Contact the presenter, Mikeala, onsite to ask what you can do to assist.
SAGE Computer Lab Tour	Kevin	Loranger	kevinlor@math.washington.edu	I, II, III	25	yes	Communications B027	Escort group to room Communications room B-027. Kevin Loranger will either meet the group while it is gathering at the Statue OR meet the group in B-027.
Seismology Lab	Doug	Gibbons	dgibbons@uw.edu	I, II, III	20	yes	N/A - see volunteer instructions	The Seismology lab is in room 146 in the basement of ATG. From inside Johnson Hall, go to door between Johnson & Atmos Sci/Geophysics on the first floor. Turn right and go downstairs into basement hallway. Take 1st left and then 1st double door on the right is rm. 146. Quickest way to get to the Seis Lab from Kane Hall: Go south on Stevens way. When you get to Guthrie go down the access road opposite Guthrie Hall. (On your left, going east) (The access road is between the new construction and Chemistry Lib). This will lead you to the loading dock for the ATG (Atmos Sci/Geophysics). Just inside the door is the Seislab, Room ATG 146. Questions: 206 685 7079.