KINARM Camp 2019:
May 13 - 17, Kingston, Ontario

Time	Monday, May 13	Tuesday, May 14	Wednesday, May 15	Thursday, May 16	Friday, May 17
9:00 - 10:30	**School of Medicine/SOM, LL 021** **Welcome**: introductions; review of camp objectives **History of KINARM** by Steve Scott Session 1a: **Dexterit-E: Your gateway to KINARM Labs** Objective: establish common understanding amongst all campers on how to interact with their KINARM Labs through Dexterit-E	Session 2a**: Task Programming – Visual Displays** Objective: implement objects and visual displays in programs	Session 3a: **Real Life Examples of Custom Task Successes & Failures in the Lab** Short presentations of the use of KINARM robots for addressing basic science questions	Session 4a: **Advanced Techniques with KINARM** 1. Peripherals (integrated & non-integrated) 2. PID control Session 4b: **Working with KINARM data in MATLAB** Objective: understand how to export data into MATLAB for further analysis	Workshop 5a: **Presentation Preparation**
10:30 - 10:45	Break Laptops Issued	Break	Break/Relocation	Break/Relocation	Break / Nourishment
10:45 - 12:00	**Laptop Orientation** Session 1b: **Introduction to Task Protocols** (seminar; hands-on split between two labs) Objectives: be able to use task tables to modify an existing task program	Workshop 2a: **Task Programming – Visual Displays** Objective: Implement objects and visual displays in program.	Session 3b: **Dexterit-E: Taking advantage of all its features** Workshop 3a: **Supervised Programming** Complete exercises from Workshops 1-2, or develop self-designed experiment into Task Program	Workshop 4a**: Supervised Programming** Complete exercises from Workshops 1-2, or develop self-designed experiment into Task Program	**Presentations!**
12:00 - 13:00	Lunch in Botterell Hall B1	Lunch in Botterell Hall B1	Lunch at Abramsky & BKIN	Lunch at Abramsky & BKIN	**Departure**
13:00 – 15:00	Session 1c: **Introduction to Dex-Ex; Introduction to Task Programs** Objective: Learn how to visualize KINARM Data; intro to Simulink and Stateflow; learn the basics of making a task program; review assignment for Workshop 1	Session 2b: **Task Programming – how to create loads** Objective: to understand how to create loads in a task ***Relocation*** Workshop 2b: **Task Programming - Mechanical Loads** Objective: incorporate loads in task programs (postural, dynamic)	Workshop 3b: **Supervised Programming** Complete exercises from Workshops 1-2, or develop self-designed experiment into Task Program	Workshop 4b: **Supervised Programming** Complete exercises from Workshops 1-2, or develop self-designed experiment into Task Program	
15:00 - 15:15	Break	Break	Break	Break	
15:15 – 17:00	Workshop 1: Introduction to Task Programs Objective: modify an existing Task Program in MATLAB	Workshops continue Demonstration at each location: Setting up a subject in the Exoskeleton	**Gaze Demo 1 @ BKIN** Workshop continues	**Gaze Demo 2 @ BKIN** Workshop continues	
17:00 – 20:00	Dinner 1 Emily St. (walk direct from Q's or find own way; food at 6)	Abramsky Lab Open *on demand* Dinner on own*	Dinner at **6** pm at Olivea, 39 Brock Street	Abramsky Lab Open *on demand* Dinner on own*	

*: See our suggestions in the Welcome Package!

DRAFT 7-JAN-19