

# SCIENCE LTRS ON THE ROVE



UBC Skylight/Dean's Office

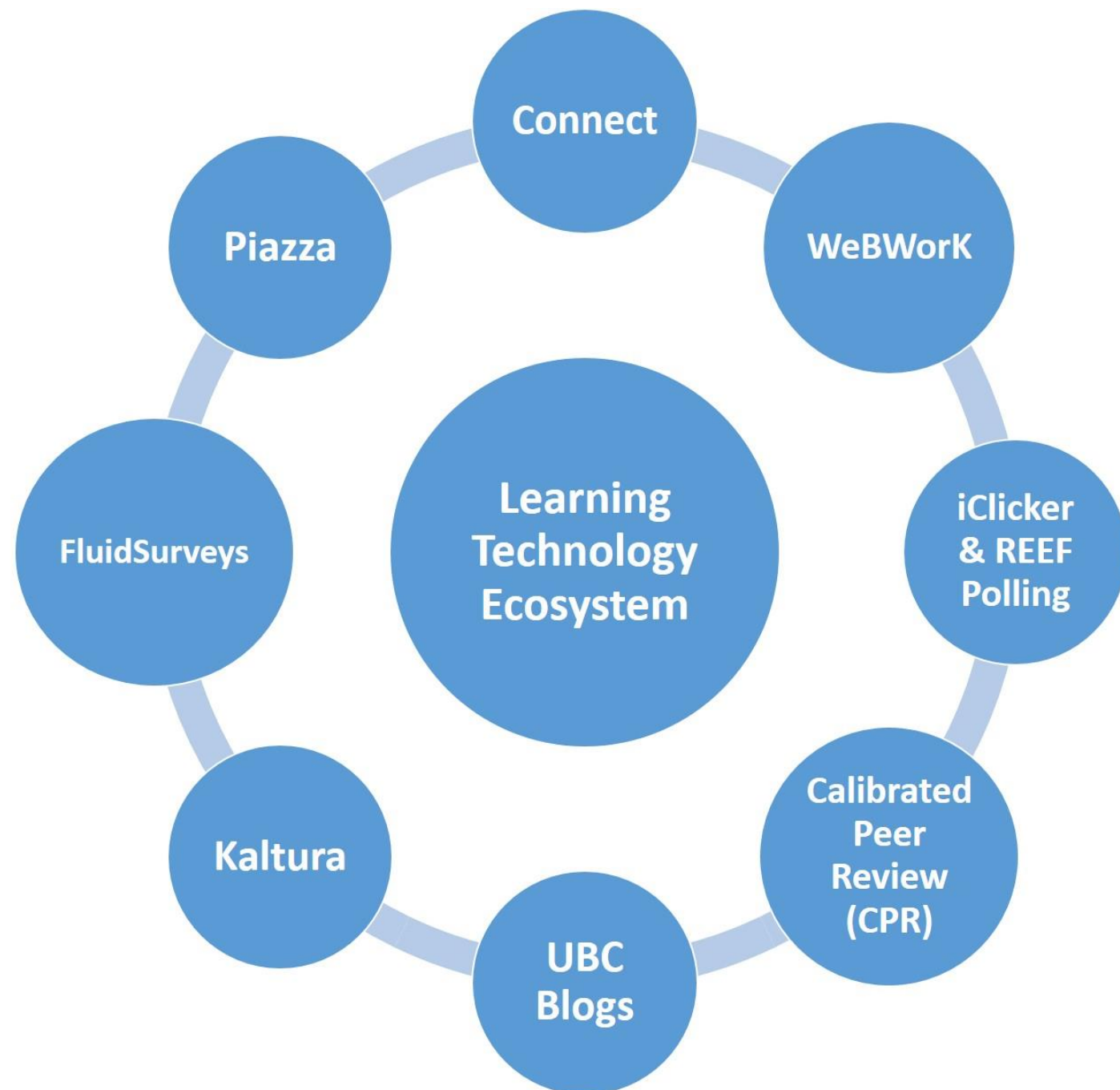
# WHAT WE CAN HELP YOU WITH

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- ✓ We can provide you same-day hands-on solutions for Connect, iClickers, WeBWork, UBC Blogs, and other learning technologies (LT)
- ✓ We can assist you in organizing your course materials in Connect and other LT environments
- ✓ We can help you decide on suitable LT tools to meet your teaching needs
- ✓ We can help you create videos and screencasts
- ✓ We can assist you in getting your grades in and out of Connect, WeBWork, etc.
- ✓ We can test drive and help you experiment with an LT that you are interested in
- ✓ We can refer you to other knowledgeable people on campus who specialize in areas we don't cover

# LEARNING TECHNOLOGY ROVERS (LTRs)

## AREAS LTRs PROVIDE SUPPORT FOR



# PAST PROJECT EXAMPLES

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## **Implemented Flipped Classroom model in Professor Bates' CHEM 123**

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- Helped Professor Bates by setting up regular surveys in Connect to collect real-time, ongoing feedback from his student so he could adjust his lectures to focus on key topics that students were struggling with
- Helped extract the survey data weekly and ensured it was in the most useful format possible

## **Implemented REEF Polling in Professor Dunham's STAT 443**

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- Through in-person demonstrations, helped Professor Dunham enable REEF Polling in STAT 443, allowing students to participate in answering in-class questions with iClicker remotes or their own smartphones, tablets, or laptops
- Made sure that REEF Polling ran in conjunction with the regular iClicker software

## **Contributed to Creating a Blended Learning 101 course, delivered on Edx Edge**

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- Designed the Blended Learning experience from an exclusively student-centric point of view
- Developed modules of the course, integrating different aspects of learning-learning object interactions and engagement strategies

# PAST PROJECT EXAMPLES

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## **Produced a Collaborative Video Promoting the LTR Initiative**

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- Collaborated with LTRs across multiple faculties including: Arts, Pharmacy, Land & Food Systems, Applied Science, and Education
- The video details the types of learning technologies LTRs support, day-to-day tasks of LTRs, and examples of past projects

# PAST PROJECT EXAMPLES

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## **Provided support for creating and deploying surveys**

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- Supported survey operations in FluidSurveys (upload, download, pre-processing, editing, etc.)
- Deployed a variety of question types: text response, multiple choice, multiple answer, multiple choice grid

## **Introduced LTRs From Other Faculties to Different Learning Tools**

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- Gave presentations on REEF Polling, WeBWork, and grade management methods with Excel to LTRs from different faculties to help them familiarize with the application and its capabilities
- Provided demonstrations on the basics of using these learning tools and strategies for deploying and supporting them successfully

## **Contributed to Developing Test Scenarios and Test Driving Large Scale LTs**

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- Actively contributed to the design and development of test scenarios for test-driving different LT
- Conducted intensive testing for updating, upgrading and implementing large scale LT systems (e.g. Connect Mobile, Kaltura, StatSpace, etc.)

# PAST PROJECT EXAMPLES

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## **Collaborated with UBC-O Students on a Video About Student Learning**

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- Recruited a total of 31 students from various faculties across both Point Grey and Okanagan campuses for video interviews
- Collected valuable student reflections on their learning practices



**Alex Cloherty**

5th year, Double Major in Biology and Psychology

# TESTIMONIALS

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## **Dr. Sara Harris - EOAS**

"The tech rovers were fast, responsive, tech savvy, quick to understand my problem, and quick to resolve it... [R]eaching out to tech rover support allowed me to work on other priorities. Based on experience with them, I'm confident in the tech rovers' abilities to help, and very happy that they're available."

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## **Dr. Robin Young - BIOL**

"[W]hen our textbook publisher unexpectedly changed how they hosted their video library, the LTRs worked with me to develop a new system using Kaltura, and then integrated all of the new videos into our pre-existing pages... They saved me at least a week's worth of work... If it hadn't been for the LTR's help that summer I wouldn't have been able to finish our course site in time for the start of the fall term that year."

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## **Dr. Malabika Pramanik - MATH**

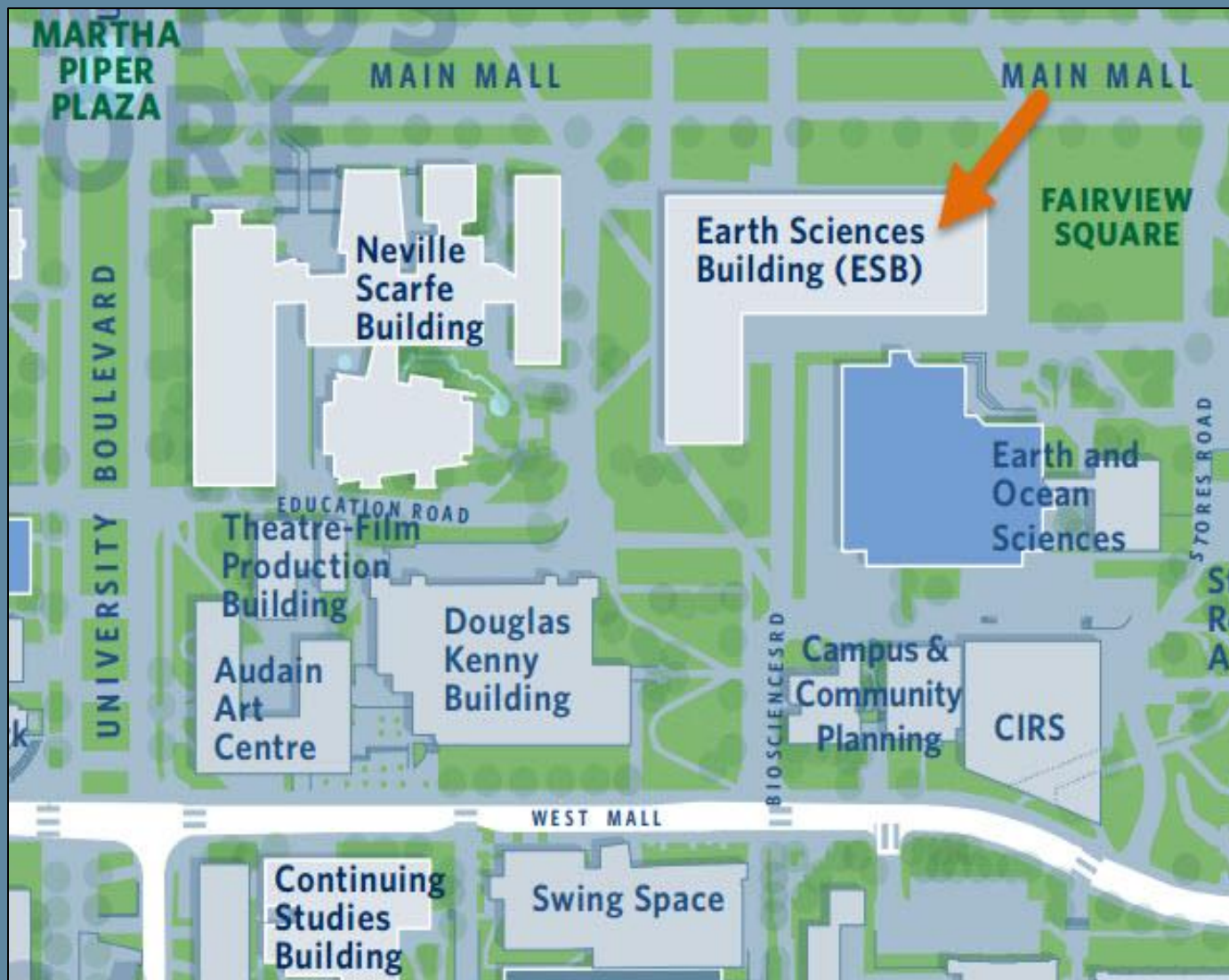
"I would strongly suggest scheduling an appointment with the LTR support team at the beginning of the term to go over various options... and get a sense of the level of support LTR-s can provide at different steps along the way... I have felt grateful for the prompt and helpful responses, the ease with which I have been able to set up in-person meetings at short notice, and the professional, courteous, step-by-step guidance I have received throughout the term."



# SCIENCE LEARNING TECHNOLOGY ROVERS

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CONTACT US AND LET US KNOW HOW TO HELP YOU



## Science Learning Technology Rovers

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