 Community-Based Observation Laboratory (COL)

The Community-Based Observation Laboratory (COL) provides portable technology and software to assist researchers in the collection and analysis of observational research data.

**COL Facilities**
- Three portable observation labs (each containing a laptop with media recorder software, omnidirectional microphone, four cameras and headphones).
- Six desktop computers that support behavioural analysis equipped with Observer XT software.

**COL Services**
- Development of research proposals using observational and intervention research.
- Annotation and analysis of audio and video data.

Experimental Decision Laboratory (EDL)

The Experimental Decision Laboratory (EDL) assists researchers in conducting applied behavioural experiments.

**EDL Facilities**
- A 23 computer station lab equipped with a SMART Board and modular meeting table.
- Five highly portable eye tracking systems.
- Laptops and iPads that can be signed out to assist with onsite or mobile data collection.

**EDL Services**
- Development of research proposals using experimental methodologies.
- Assistance with the development of experimental designs, methods and tools.
- Custom programming of online and/or in-lab experiments using a variety of programming platforms (e.g., E-Prime, Z-Tree, PsychoPy, Voxco, LimeSurvey, SoPHIE).
- Recruitment of participants for online and in-lab studies using Sona Systems through the SSRL Research Participant Group (RPG).
- Recruitment of participants for online studies through EKOS Research Associates or AskingCanadians to obtain representative samples.
- Access to infrastructure and support to run individual and group experiments.

OUR MISSION:

To provide shared research infrastructure and technical and administrative support to faculty, staff and students at the University of Saskatchewan and beyond, to facilitate the design, delivery and dissemination of cutting-edge social science research.

About the SSRL

The Social Sciences Research Laboratories (SSRL) is a unique and leading network of eight research laboratories made possible by the combined support of the Canada Foundation for Innovation (CFI), the Government of Saskatchewan and the University of Saskatchewan. As a research support unit, the SSRL assists faculty, staff, students and community-based organizations undertaking research in the social sciences by providing access to specialized research infrastructure (computers, equipment and software) and research space (specific and multi-purpose), and providing access to research supports in the form of specialists with backgrounds and training in specific social science research methodologies (quantitative and survey research; qualitative research; experimental research; GIS and cartography; social network analysis; among many others).
EEG Hyperscanning Laboratory (EHL)

The EEG Hyperscanning Laboratory (EHL) provides the technology and the knowledge base for conducting neuroscientific research measuring brain activity.

**EHL Facilities**

- Two electroencephalogram (EEG) systems that can be run in parallel or separately.
- Two sound proof booths.
- Seven computers and specialized software for the development and analysis of EEG-related tasks.

**EHL Services**

- Development of research proposals seeking to use EEG methods.
- Assistance with the development of EEG tasks and administration.
- Quantitative analysis of EEG data.

Qualitative Research Laboratory (QRL)

The Qualitative Research Laboratory (QRL) provides resources for researchers conducting qualitative and exploratory research.

**QRL Facilities**

- A 10 computer station lab equipped with NVivo qualitative data analysis software and Express Scribe transcription software.
- A 16 seat focus group room equipped with audio and video recording and streaming, SMART Board and teleconference capabilities.
- Digital audio recorders, laptops and iPads that can be signed out to assist with research studies.

**QRL Services**

- Development of research proposals using qualitative methodologies.
- Transcription of interview and focus group recordings (*full and clean transcription services available*).
- Interview and focus group recruitment and moderation services.
- Qualitative and mixed-methods analysis and reporting services.
- NVivo training.
- Environmental scans and literature reviews.

Spatial Analysis For Innovation in Health Research Laboratory (SAFIHR)

The Spatial Analysis For Innovation in Health Research (SAFIHR) laboratory assists researchers in the creation, management, analysis and presentation of spatial information.

**SAFIHR Facilities**

- 10 Windows workstations with several Geographic Information Systems (GIS) and related software.
- Two Mac workstations for tool creation, data collection and data visualization.
- Five field data collection suites that include a laptop, tablet, and handheld computers, cameras, activity monitors and communication tools.

**SAFIHR Services**

- Development of research proposals using GIS technology and spatial analysis.
- Acquisition, enhancement, maintenance and dissemination of digital spatial databases.
- Research and development of GIS-related tools and technologies.
- Mapping and cartography services.
- Provision of spatial and GIS-related training for faculty, students and staff using ArcGIS.
Survey and Group Analysis Laboratory (SGAL)
The Survey and Group Analysis Laboratory (SGAL) supports researchers in conducting telephone, online and mixed-mode surveys.

SGAL Facilities
- A 20 seat telephone survey lab equipped with Sawtooth Technologies’ WinCATI Computer Assisted Telephone Interviewing (CATI) software. (The telephone survey lab may be expanded to 43 stations to accommodate large studies.)
- Laptops and iPads that can be signed out to assist with onsite or mobile data collection.

SGAL Services
- Development of research proposals using quantitative and survey research methodologies.
- Assistance with the creation and refinement of survey tools (questionnaires) and methods.
- Complete telephone or online survey administration and oversight – surveying in multiple languages is available.
- Recruitment of participants for online surveys through EKOS Research Associates or AskingCanadians to obtain representative survey samples.
- Quantitative analysis (using SPSS, Stata or R) and reporting services.
- Custom training using Voxco Online Survey Software.
- Provision of Voxco Online Survey Software licenses (Voxco is a Canadian company that features Canadian data hosting) – subject to availability.

Social Network Laboratory (SNL)
The Social Network Laboratory (SNL) provides support and resources to researchers in conducting social network analysis and interpretation.

SNL Facilities
- A 6 computer station lab equipped with a printer and a scanner.
- Laptops and iPads that can be signed out to assist with onsite or mobile data collection.

SNL Services
- Development of research proposals using social network analysis.
- Support in the identification, creation or collection of relational data (i.e., questionnaires, interviews, direct observation, archival material).
- Recruitment of participants for social network analysis studies through EKOS Research Associates or AskingCanadians.
- Custom programming, data queries, quantitative analysis (using SPSS, Stata or R) and reporting services.
- Creation of social network models and visualizations using RSienna, Pajek, Gephi, UCINet or NetDraw.

Video Therapy Analysis Laboratory (ViTAL)
The Video Therapy Analysis Laboratory (ViTAL) provides space and technology to assist researchers in the collection and analysis of qualitative and intervention research data.

ViTAL Facilities
- A two-person interview/data collection room equipped with multi-angle high resolution cameras.
- A three-person interview/data collection room equipped with multi-angle high resolution cameras.
- Data analysis space that allows for the annotation and analysis of audio and video data.

ViTAL Services
- Development of research proposals using qualitative methodologies and intervention research.
- Annotation and analysis of audio and video data.

Contact Us
To learn more about us or to initiate a project, please contact us:

Social Sciences Research Laboratories (SSRL)
University of Saskatchewan
Room 260 Arts Building 9 Campus Drive
Saskatoon SK Canada S7N 5A5

Telephone: (306) 966-8409 Facsimile: (306) 966-8819
Email: ssrl@usask.ca Website: http://ssrl.usask.ca