Research Lab: Booking of Facilities & Available Equipment

Booking of Facilities

- Classrooms
- Computer Lab
  - A02-09
  - B02-04/05/06
- Psychology Lab
  - B02 -08
  - B02 -09
  - B02 -10
  - B02 - 11

Booking of Facilities

For booking of Classrooms or Computer labs (A2-09, B2-04/05/06) kindly use this link:

https://afm.jcu.edu.sg/JCU/security/index.aspx

Booking Facilities

Booking of Lab Facilities

- Kindly obtain permission from Lab technician for access and availability of Labs (B2-08/09/10/11).

- Kindly contact researchlab-singapore@jcu.edu.au for further information

Booking for Research Facilities

Classroom

Seating Capacity	32 to 64
Equipment:	1 white board, 1 computer, 1 projector
Manager:	Room Booking Administrator
Booking System:	Facilities Booking System (https://afm.jcu.edu.sg)
Booking Procedure:	Researchers should book the room using the facilities booking system

Lab Facilities

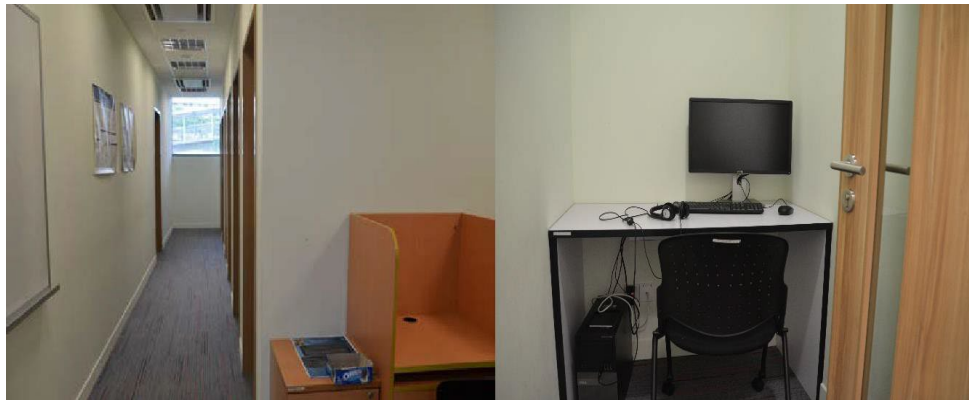| Computer Lab (A2-09, B2-04, B2-05, B2-06)	
Seating Capacity	24 to 40
Equipment:	Computers, 1 whiteboard, and 1 projector
Lab Manager:	Room Booking Administrator
Booking System:	Facilities Booking System (https://afm.jcu.edu.sg)
Booking Procedure:	Researchers should book the room using the facilities booking system

Lab Facilities

Cognitive Psychology Lab (B2-08)	
Seating Capacity	N.A.
Equipment:	12 cubicles, 5 computers, 5 headphones. For more information on available equipment, please contact the Lab Manager.
Software:	SPSS, E-Run
Lab Manager:	Kenan Daniel Sherwood (researchlab-singapore@jcu.edu.au)
Booking System:	Google Calendar
Booking Procedure:	Researchers should book the lab using the Google Calendar, with access provided by the Lab Manager

Lab Facilities

Psycholinguistics and Memory Lab (B2-09)	
Seating Capacity	8 Cubicles
Equipment:	6 equipped with computers and headphones. 5 Serial Response Boxes are also available for use. For more information on available equipment, please contact the Lab Manager.
Software:	ePrime, Adobe Audition, Mental Rotation Test,OSIVQ Questionnaire, POD Farm 2, Line 6 Monkey, Praat, SPSS
Lab Manager:	Kenan Daniel Sherwood (researchlab-singapore@jcu.edu.au)
Booking System:	Google Calendar
Booking Procedure:	Researchers should book the lab using the Google Calendar, with access provided by the Lab Manager

Lab Facilities

Physiological Psychology Lab (B2-10)	
Seating Capacity	N.A.
Equipment:	4 sub-rooms 1 sub-room with sink, freezer, height and weight machine. 3 computers situated in sub-rooms For more information on available equipment, please contact the Lab Manager.
Software:	ePrime, EEGO64, Tobii ProLab, Inquisit 6.0 w/ Tobii Plugin
Lab Manager:	Kenan Daniel Sherwood (researchlab-singapore@jcu.edu.au)
Booking System:	Google Calendar
Booking Procedure:	Researchers should book the lab using the Google Calendar, with access provided by the Lab Manager

Lab Facilities

Social Psychology Lab (B2-11)	
Seating Capacity	12 Cubicles
Equipment:	5 computers. For more information on available equipment, please contact the Lab Manager.
Software:	E-run, SPSS, PsychoPy2, Adobe CC 2015 (Animate, Audition, Bridge, Dreamweaver, Illustrator, Indesign, Photoshop, Premiere Pro)
Lab Manager:	Kenan Daniel Sherwood (researchlab-singapore@jcu.edu.au)
Booking System:	Google Calendar
Booking Procedure:	Researchers should book the lab using the Google Calendar, with access provided by the Lab Manager

Lab Equipment

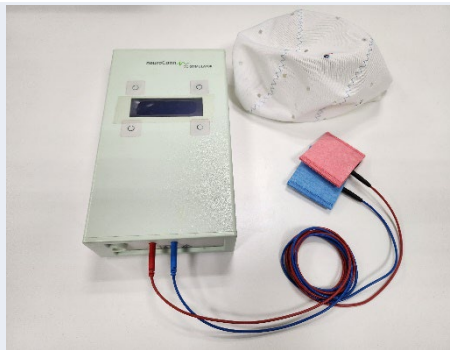| EEG	
ANT Neuro eego mylab	Description
	• 32 Channel Cap • Temperature sensor, Galvanic Skin Response (GSR) and accelerometer modules available • EEGO 64 Software

EMG	
BioNomadix SMART ESS	Description
	• Wireless transmission of physiological data to data logger • BIOPAC Acqknowledge 5.0 software

Lab Equipment

Transcranial Stimulator	
Neuroconn DC Stimulator	Description
	• Transcranial DC Stimulator • x3 different sized EEG caps available • Rubber electrodes and cable connections of varying lengths available

Eye Tracker	
Tobii Pro Fusion 120 Hz	Description
	• 120 Hz sampling rate • Tobii ProLab • Tobii Plugin compatible with Inquisit 6.0

Lab Equipment

Serial Response Box	
PST Model 200A	Description
	• 5 Buttons • Has 0ms debounce time • Uses E-Prime Software

Driving Wheel	
Logitech Driving Force GT	Description
	• Driving Wheel with shift knob, brake and accelerator paddles

Lab Equipment

Chest Heart Rate Sensor	
Polar H10 Heart Rate Sensor	Description
	• Bluetooth connectivity • Uses tracking app available on Android and iOS • Adjustable chest strap length

Wrist Fitness Tracker	
TomTom Touch Fitness Tracker	Description
	• Measures heartrate, distance walked, steps and other parameters • Touchscreen • Uses app from Android and iOS store

Lab Equipment

Blood Pressure Monitor (Arm)	
Omron Blood Pressure Monitor HEM-907	Description
	- Upper arm use 2 sizes of arm cuffs available - Measures heartrate and blood pressure

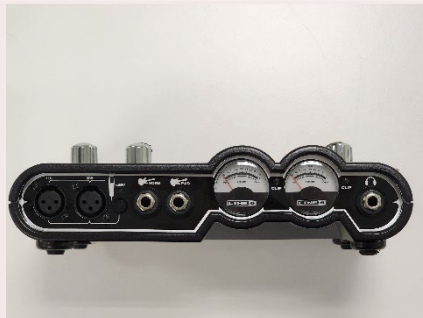| Blood Pressure Monitor (Wrist)	
Omron Wrist Blood Pressure Monitor BP652	Description
	- For wrist use - Measures heartrate and blood pressure

Lab Equipment

Pulse Oximeter	
Nonin Xpod 3017LP	Description
	• Measures blood oxygen saturation (SpO2) via finger clip • USB connection • Software available

Audio Interface	
Line 6 POD Studio UX2	Description
	• 2-channel audio interface w/ 2 microphone input • ¼ jack input and output • XLR input for microphone • Interfaces with Line 6 Pod Farm 2.0 software

Lab Equipment

Other equipment available:

- ➢ HTC Vive VR Headset

- ➢ Cold Compression Arm Wraps

- ➢ Headphones

- ➢ Microphones

- ➢ Sound Meter

- ➢ Speakers/ Boombox

- ➢ Thermometer

- ➢ Measuring Tape

- ➢ Weight & Height Scale

Lab Equipment (Software)

Software available:

➢ Testable

- Online platform for creating experiments and surveys

- Beginner friendly and intuitive

- Account creation is required

- Recruitment of participants consumes credit; additional credit

  issued by lab technician

- Limited slots available

- Kindly approach lab technician for further queries and demo

Lab Equipment (Software)

Software available:

➢ Some examples of Testable:

Testable Experiments

A repository of behavioral experiments and templates. Request experiments from your peers or import our free templates and use them right-away.

| 🔍 Search by name, author | Rectangular Show only: | 📄 Templates | 🖼 Peer-reviewed | ♡ Favourite | ⚐ Mine |

⏱ 15m   ♥

"Go/No Go" Reaction Time Task

Created by Claire Hagedorn

This experiment seeks to measure reaction time during two experimental music conditions.

[Full Demo] [**Request**]

⏱ 10m   247 imports

Attentional Blink (RSVP) Task

Created by Testable

The attentional blink task is a special case of a Rapid Serial Visual Presentation (RSVP) task, t...

[Full Demo] [**Import**]

⏱ 25m   ⚡ 9 requests   ♥

Backward masking task

Created by L. Papeo Team

This task consists in the rapid presentation of three categories of objects: bodies, chairs and p...

[Full Demo] [**Request**]

Lab Equipment (Software)

Software available:

➤ Some examples of Testable:

Lab Equipment (Software)

Software available:

➢ For more information on how Testable works:

- **Welcome to Testable**

- **Creating experiments with Testable**

- Refer to LearnJCU > Organisations > Learning Center JCU Singapore > Statistics Support > Research Lab Resources for access to learning materials

Lab Equipment (Software)

Software available:

➤ Inquisit 5.0/ 6.0

- Platform for local and online administration of cognitive and neuropsychological tests and assessment (e.g. IAT, Reaction Time Tasks)

- Able to sync with Tobii eyetracker (Inquisit 6.0 only)

- Requires some basic programming knowledge

- Online repository for test examples

Lab Equipment (Software)

Software available:

➤ E-Prime 2.0 (Serial Response Box)

➤ BIOPAC Acqknowledge 5.0 (For EMG)

➤ Line 6 Pod Farm 2.0/ Monkey/ Reason Limited (Audio Interface)

➤ PEBL 2.1 (Psychology Experiment Building Language)

➤ EEGO 64 (For EEG)

➤ Tobii Prolab/ Tobii Plugin for Inquisit 6.0

➤ SPSS/ SPSS Amos (Analysis of Moment Structures)

Lab Equipment

For any enquiries on laboratory equipment and software, kindly contact the laboratory technician at:

researchlab-singapore@jcu.edu.au