

# Research Lab: Booking of Facilities & Available Equipment

# Booking of Facilities

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

# Booking of Facilities

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Online  
booking

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

# Booking Facilities

← → ↻ 🏠 <https://afm.jcu.edu.sg/JCU/security/index.aspx>

## [Facility Booking Guide](#)

Login as:

Staff  Existing Student  
 Pre Arrival (New) Student

Student ID:

Date of Birth:  
(ddmmyyyy)

Log In

For Login Problems,

Please contact facilities at 6709 3890 during office hours or email to [facilities-singapore@jcu.edu.au](mailto:facilities-singapore@jcu.edu.au).

For booking approval, please email to [pd-singapore@jcu.edu.au](mailto:pd-singapore@jcu.edu.au).

Please allow 2 working days to process your request.

Please provide the following details:

1. JCU Student ID & Name as in NRIC/Passport
2. Date of birth
3. Email address as in jcu.edu.au

# 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](mailto: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 ( <a href="https://afm.jcu.edu.sg">https://afm.jcu.edu.sg</a> )
Booking Procedure:	Researchers should book the room using the facilities booking system

# Lab Facilities

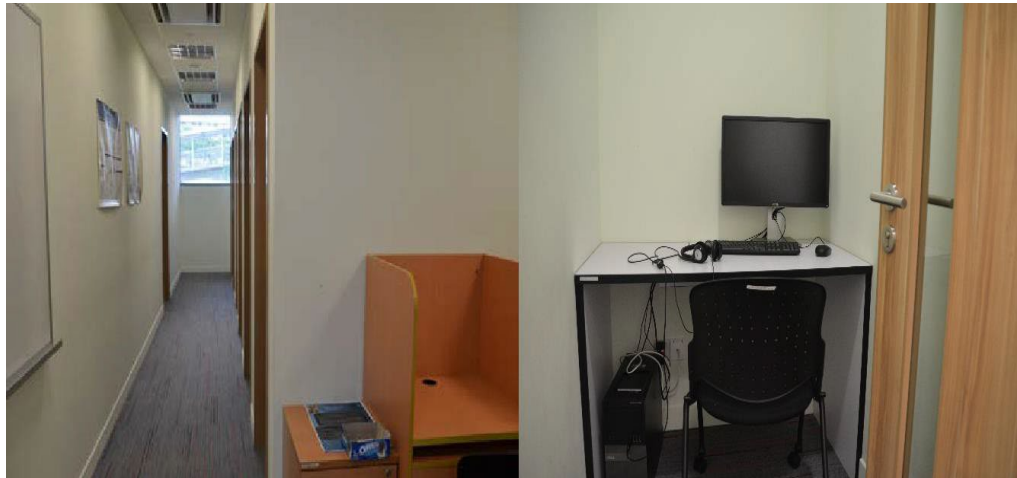
Computer Lab (A2-09, B2-04, B2-05, B2-06)



Seating Capacity	24 to 40
Equipment:	Computers, 1 whiteboard, and 1 projector
Lab Manager:	Room Booking Administrator
Booking System:	Facilities Booking System ( <a href="https://afm.jcu.edu.sg">https://afm.jcu.edu.sg</a> )
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:	BIOPAC Acqknowledge 5.0 (EMG), E-Prime 2.0, Inquisit 5.0, R, R Studio, SPSS
Lab Manager:	Kenan Daniel Sherwood ( <a href="mailto:researchlab-singapore@jcu.edu.au">researchlab-singapore@jcu.edu.au</a> )
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:	E-Prime 2.0, Inquisit 5.0, POD Farm 2, Line 6 Monkey, R, R Studio, SPSS
Lab Manager:	Kenan Daniel Sherwood ( <a href="mailto:researchlab-singapore@jcu.edu.au">researchlab-singapore@jcu.edu.au</a> )
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:	E-Prime 2.0, EEGO64, R, R Studio, SPSS, Tobii ProLab, Inquisit 6.0 w/ Tobii Plugin
Lab Manager:	Kenan Daniel Sherwood ( <a href="mailto:researchlab-singapore@jcu.edu.au">researchlab-singapore@jcu.edu.au</a> )
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:	3 computers. For more information on available equipment, please contact the Lab Manager.
Software:	E-Prime 2.0, R, R Studio, SPSS
Lab Manager:	Kenan Daniel Sherwood ( <a href="mailto:researchlab-singapore@jcu.edu.au">researchlab-singapore@jcu.edu.au</a> )
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

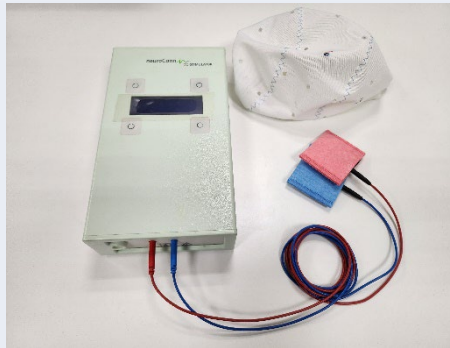


### Description

- Wireless transmission of physiological data to data logger
- BIOPAC Acqknowledge 5.0 software

## 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

## Serial Response Box

PST Model 200A



Description

- 5 Buttons
- 0ms debounce time
- Uses E-Prime Software

## Driving Wheel

Logitech Driving Force GT



Description

- Driving Wheel with shift knob, brake and accelerator paddles

## 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



## 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



## Pulse Oximeter

Nonin Xpod 3017LP

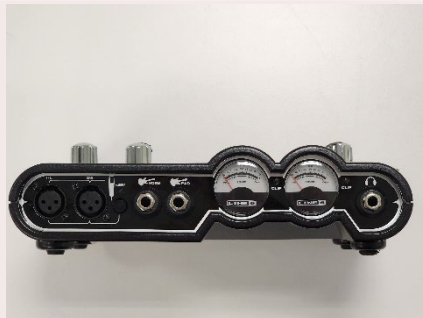


Description

- Measures blood oxygen saturation (SpO<sub>2</sub>) via finger clip
- USB connection
- Software available

## Audio Interface

Line 6 POD Studio UX2



Description

- 2-channel audio interface w/ 2 microphone input
- 1/4 jack input and output
- XLR input for microphone
- Interfaces with Line 6 Pod Farm 2.0 software

## Other equipment available:

- HTC Vive VR Headset
- Oura Ring Gen 3 (Measure Physiological Data)
- Cold Compression Arm Wraps
- Headphones
- Microphones
- Sound Meter
- Speakers/ Boombox
- Thermometer
- Measuring Tape
- Weight & Height Scale

## Software available:

### ➤ Testable

- Online platform for creating simple experiments and surveys
- Online repository available with templates (e.g. IAT)
- Beginner friendly and intuitive
- Account creation is required
- Limited slots available per trimester
- Kindly approach lab technician for further queries and demo

# Lab Equipment (Software)

➤ Some examples of Testable (Online Repository):

## 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)

➤ Some examples of Testable (adjusting variables of experiment):

Stroop Color Word Task [imported]  
[tstbl.co/702-499](https://tstbl.co/702-499)

Options Stimuli Files 0 Results

↶ ↷ 🗃 🔍 Publish ch

rowNo	type	condition1	trialNo	stim1	textColor	stimForm...	key	ITI
2	instructions							800
3	test	inconsistent	1	yellow	green	word		800
4	test	inconsistent	2	blue	red	word		800
5	test	inconsistent	3	orange	blue	word		800
6	test	inconsistent	4	black	yellow	word		800
7	test	inconsistent	5	red	blue	word		800
8	test	inconsistent	6	green	black	word		800

# Lab Equipment (Software)

➤ 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

## 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

## 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
- R & R Studio
- SPSS/ SPSS Amos (Analysis of Moment Structures)



# Lastly...

**If you require assistance with experimental setup and being your practice participant for pilot studies, do feel free to approach the lab technician 😊**

# Lastly...

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

[researchlab-singapore@jcu.edu.au](mailto:researchlab-singapore@jcu.edu.au)