

# CCWC 2021 Workshop

MacOS: QEMU installation and sanity check

**Phillip G. Bradford**

[phillip.bradford@uconn.edu](mailto:phillip.bradford@uconn.edu), [phillip.g.bradford@gmail.com](mailto:phillip.g.bradford@gmail.com)

# Objectives

Installation of QEMU on MacOS

It is best to install QEMU using Home-brew (MacOS: brew)

Sanity check qemu-system-arm

# Methods and tools

If you do not have home-brew (MacOS: brew) installed, then please install it

QEMU virtual machines supporting ARM Raspberry Pis

```
MacOS> brew install emu
```

Python 3 and several Python libraries

```
MacOS> brew install python3
```

# Websites

Homebrew (MacOS package manager)

<https://brew.sh/>

QEMU

<https://www.qemu.org/>

Python 3

<https://www.python.org/downloads/mac-osx/>