### Wireless

Swarthmore has three wifi networks. Follow the links below for instructions to connect to the appropriate network.

- **eduroam** for users from Swarthmore, Haverford, Bryn Mawr, and other eduroam institutions
- **SwatGuest** for campus guests
- **SwatDevice** for devices such as gaming systems and e-readers.

### eduroam for Swarthmore, Haverford, Bryn Mawr, and other eduroam institutions

Eduroam should be used by current members of Swarthmore, Haverford, and Bryn Mawr Colleges, as well as other eduroam-enabled institutions. The College's authenticated wireless network provides a high level of security using WPA2 authentication and AES encryption. Please follow the instructions below to get started.

**List of eduroam enabled institutions**

Follow these steps for macOS, Windows, Ubuntu computers, and iOS-based phones and tablets. Android-based phones and tablets, and Chromebooks need additional configuration steps. Other versions of Linux are not supported on our wireless network.

If you have previously connected to eduroam with credentials from another institution and are having trouble connecting to eduroam at Swarthmore - try removing your old eduroam profile (or choose to "forget" eduroam) and log back in using your Swarthmore credentials.

### eduroam Connection Instructions

1. Connect to the eduroam wifi network
2. For username, enter your full email address (e.g. jdoe1@yourinstitution.edu)
3. Enter your home institution password
4. **Android devices only**: follow additional instructions
5. Accept the security certificate if prompted, and follow any instructions to launch the registration webpage (see Register your Computer below)

### Register your Computer

A few moments after you first connect to eduroam, a web page should open with the Swarthmore network registration process - if not, open up a web browser and go to any off-campus webpage (e.g. cnn.com), which will redirect you to the registration page. Enter your Swarthmore username (leave off @swarthmore.edu) and password, then download and install SafeConnect to install the Policy Key. If prompted, install anti-virus - an up-to-date and fully functional anti-virus is required to obtain access to the network.

After installing the required software, it may take up to three minutes for your network connection to reconfigure. When it does, you should be online! If it does not automatically redirect you to the Swarthmore home page, open up a new tab or window, and try to go to your off-campus webpage again (e.g. cnn.com or facebook.com, etc.).

### Android Device Configuration

Android and ChromeOS devices need to be manually configured, and require an extra step (Phase 2 Authentication). Follow the instructions below, and only fill in the following fields - leave everything else set to the defaults (no need to change them):

### Android: Most Common Instructions

**NOTE:** If Phase 2 Authentication is not one of the visible fields, skip down to the Android: Alternate Instructions listed below.

- If you are prompted to choose a type of EAP (before Phase 2 Authentication), choose **PEAP**
- **Phase 2 Authentication** - choose **MSCHAPV2**
- **Certificates** - confirm that **Do not validate** is checked
- **Identity** - enter your **FULL** Swarthmore email address
- **Password** - enter your **Swarthmore** password

Click **Connect**, and follow the instructions above for device registration. If prompted to install a certificate, allow installation.

### Android: Alternate Instructions (includes new Samsung Galaxy devices)

1. Under **Advanced** at the bottom of the eduroam wireless configuration options, configure:
   - Make sure EAP is set to **PEAP**
   - **Phase 2 Authentication** - choose **MSCHAPV2**
2. Click **Save**
3. On the main configuration screen, configure:
   - **Certificates** - confirm **Do not validate** is checked
ChromeOS Device Configuration

Chromebooks and other devices using the ChromeOS require additional configuration, similar to Android devices.

1. When you attempt to connect to eduroam for the first time, ensure that the below options are configured. Leave all other options blank or with their default choices.
   - **EAP** - Choose **PEAP**
   - **Phase 2 Authentication** - Choose **MSCHAPV2**
   - **CA Certificates** - Confirm **Unspecified** is chosen
   - **Identity** - enter your FULL Swarthmore email address
   - **Password** - enter your Swarthmore password

2. Click **Connect**. You should be fully configured for eduroam on ChromeOS.