How to Connect a Particle Photon to Harvard University Wifi
(should work for mac or windows)

1. connect your photon to your computer via usb
2. Go here: https://docs.particle.io/guide/getting-started/intro/photon/ and read the introduction. We'll be connecting over USB so once you're done, click "connecting over USB" on the left.
3. Follow the instructions through successful execution of "npm install -g particle-cli"
4. To connect to Harvard's wifi, we need to register the "mac address" of the particle photon with HUIT. To do this, hold down the setup button on the photon until the light begins blinking blue. In terminal, type "particle serial mac". Terminal should then print the photon's mac address.
5. Now go here: https://autoreg1-10wa.noc.harvard.edu/index.html and login.
6. Click manual registration.
7. Give the form your photon's mac address. For operating system, select Other. You can leave the rest blank. Now click register.
8. Harvard will now allow us to connect the particle to the network "Harvard University". In terminal type "particle setup" and follow the instructions until you get to the question "Would you like to manually enter your Wi-Fi network configuration?" To which you should say "Y". The SSID of our network is "Harvard University". Then select "None", and continue.
9. After a minute of running firmware updates, you should hopefully be told "It looks like your Photon has made it happily to the cloud!"
10. To begin sending code to the particle, head here: https://docs.particle.io/guide/getting-started/build/photon/

The only major bug which I've come across is that sometimes the "particle setup" command doesn't work on photons that have already been claimed by a user. This shouldn't be a problem for people trying to setup photons straight out of the box, but if you run into issues, try running "particle serial wifi" instead.

If you've registered your photon but something really isn't working and you want to firmware reset, put the photon in Device Firmware Update mode (1. Hold down BOTH buttons 2.Release only the RST button, while holding down the MODE button. 3. Wait for the LED to start flashing yellow. 4. Release the MODE button) then execute (replacing device_name with whatever you named your device) "particle flash device_name tinker" in terminal.