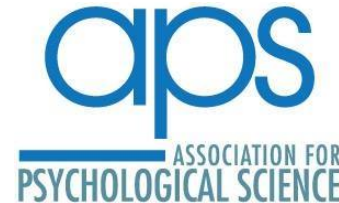APS Workshop: **Introduction to Python**
San Francisco, CA, 24 May 2018
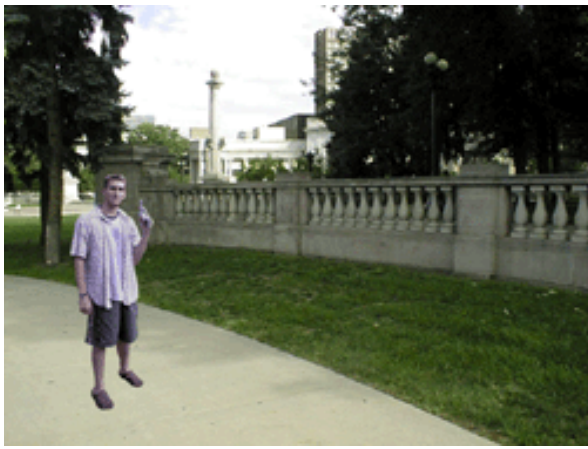
# Our Dataset

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# Dataset

- Joshua Correll's **police officer's dilemma** task
  - psych.colorado.edu/~jclab/FPST.html

- We will build this task later on (twice!)

- In the meantime, let's follow a data set through our pipeline

Task: to shoot or to not shoot

# Design

**Race**

White          Black

**Object**

Gun

Not gun

# Dataset

- We will present multiple images per "cell" of this design

- We will collect both responses (accuracy) and reaction times

- At the beginning of the experiment, we will ask for subjects' ages

# Outline

1. Overview

2. Ways of using Python

3. Python basics

4. Data set overview

5. Data wrangling

6. Statistics

7. Plotting

8. Experiment creation