Tall Dark and Threatening Clear Description Study (#4979)

Author(s)
Neil Hester (UNC at Chapel Hill) - nehester@live.unc.edu
Kurt Gray (UNC at Chapel Hill) - kurtgray@unc.edu

1) What's the main question being asked or hypothesis being tested in this study?
We are testing whether height cues competence more strongly for White men and threat more strongly for Black men. We are also testing whether the strength of these differences depends on people's individual beliefs that Black people are more threatening than White people.

2) Describe the key dependent variable(s) specifying how they will be measured.
Perceptions of threat and competence in Black and White targets will be measured by asking participants to rate 8 targets for five adjectives (two threat adjectives; three competence adjectives).

3) How many and which conditions will participants be assigned to?
Four conditions in a 2 (Described Height: Short, Tall) by 2 (Race: Black, White) within-subjects study

4) Specify exactly which analyses you will conduct to examine the main question/hypothesis.
A multilevel model nesting responses within participant will be fit to test whether there is an interaction between height and race, such that being Tall impacts competence ratings more strongly for White targets and threat ratings more strongly for Black targets.

We will also fit a version of the model including a Level 2 variable, Beliefs about Black Threat, as a potential cross-level moderator of the predicted interaction.

5) Any secondary analyses?
n/a

6) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.
We will collect 200 participants, as we did in a similar experiment.

7) Anything else you would like to pre-register? (e.g., data exclusions, variables collected for exploratory purposes, unusual analyses planned?)
n/a

8) Have any data been collected for this study already?
No, no data have been collected for this study yet