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Jacob Price* (jrp14@uw.edu). *Cultivating an Inclusive Atmosphere in Scientific Computing through Diverse Historical Perspectives.*

Mathematics, science, and the STEM fields in general suffer from retaining women and underrepresented groups, to the detriment of the field as a whole. One potential reason that may discourage individuals from pursuing a STEM degree is that the cultural conception of a “scientist” may not look like members of these underrepresented groups. This cultural conception is generated through years of being provided examples of scientists that fit a particular profile: typically white and male. In this talk, I describe my efforts to reframe this cultural conception in an introductory scientific computing class. This is a critical juncture in the STEM education of students, as learning to code is becoming more and more necessary in science, and computer programming is often seen as an area hostile to underrepresented groups. There are countless historical examples of revolutionary contributions to scientific computing by people who do not fit the stereotypical scientist image, such as Katherine Johnson and Ada Lovelace. By motivating lectures with anecdotes about inspirational scientists of diverse backgrounds, students are presented with a more realistic picture of what a scientist looks like, and hopefully will be able to see themselves in this picture. (Received August 21, 2017)