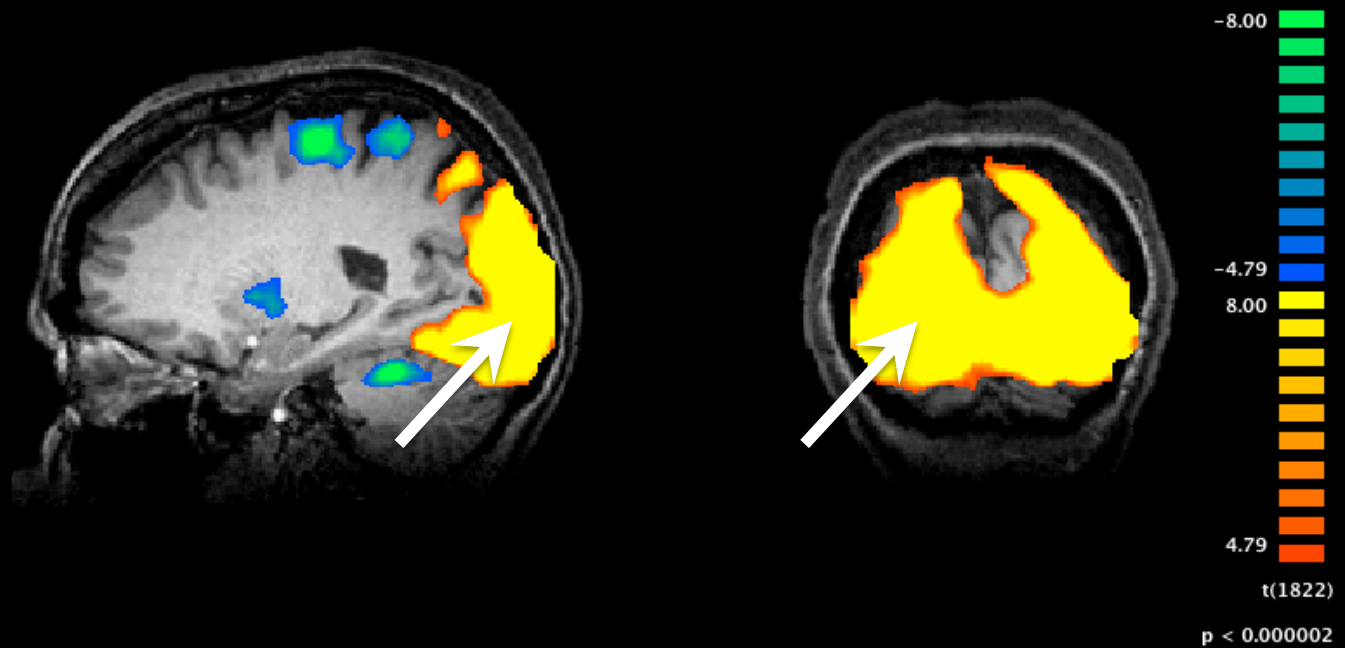


# The Neuroesthetics of Textiles: fMRI with the Art of Lia Cook

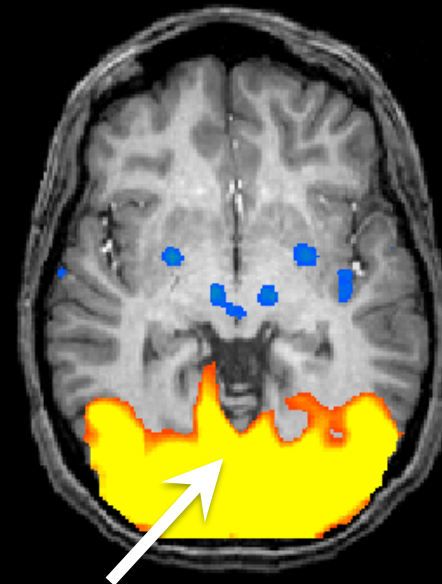
Chris Thompson & Daniela Schiller  
Schiller Lab at MSSM

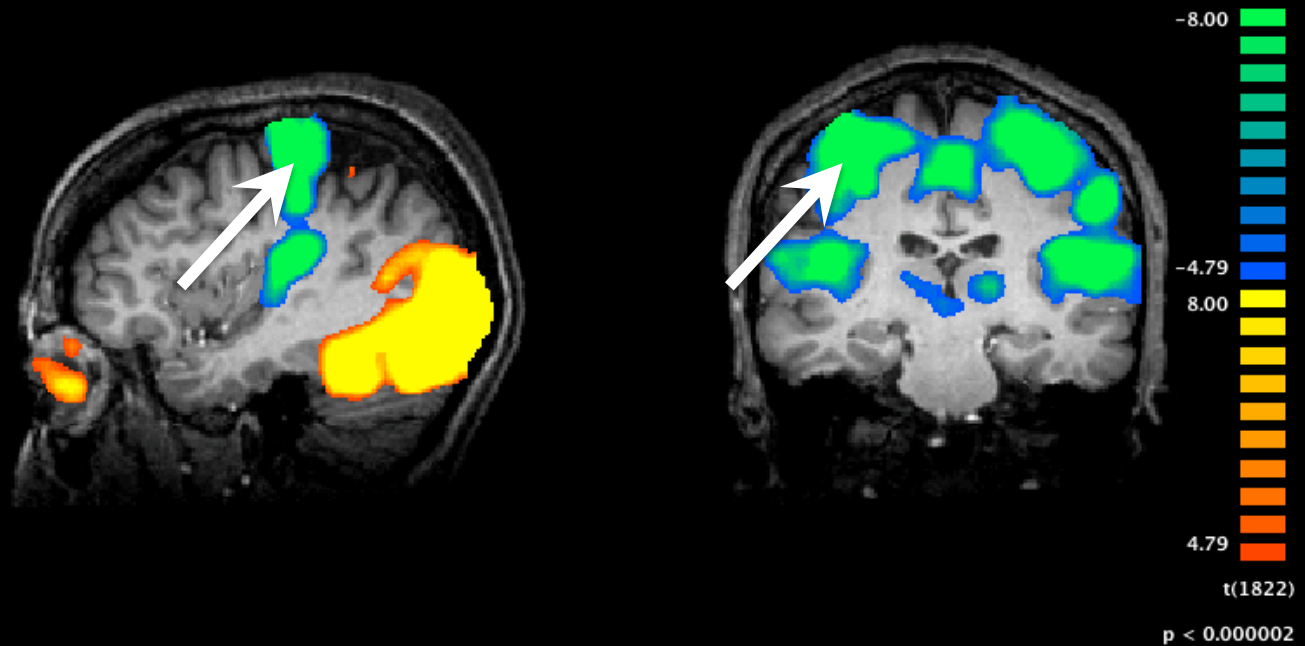




***All seeing images > All touching materials***

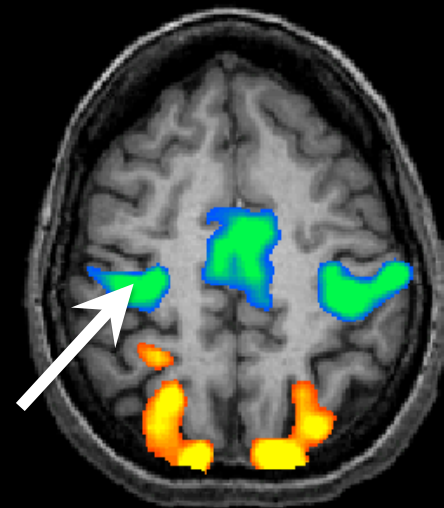
Here, we see greater activity in visual areas in the occipital lobe for image-viewing trials.

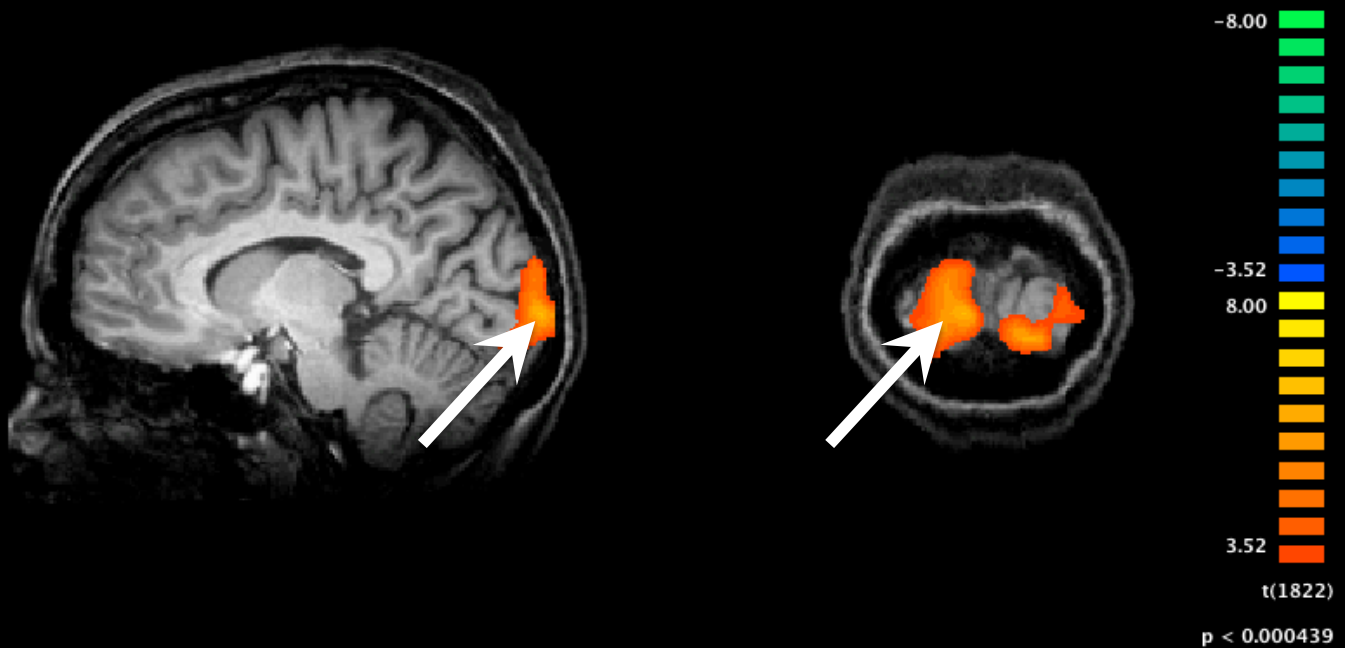




***All seeing images > All touching materials***

Here, we see greater activity in somatosensory and motor areas in the parietal and frontal lobes for material-touching trials.

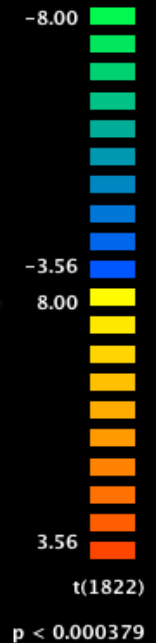
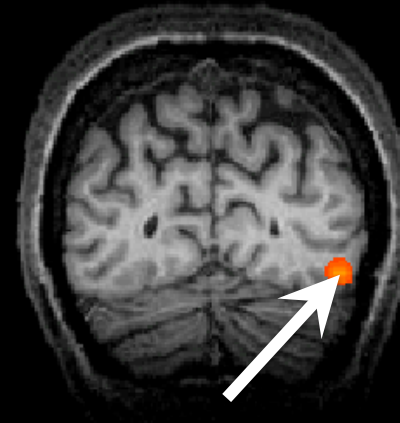
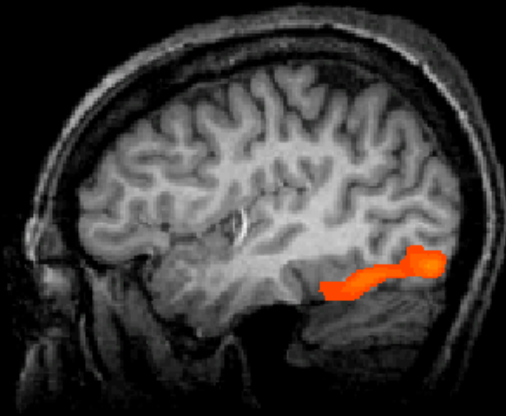




***All seeing woven > All seeing photo***

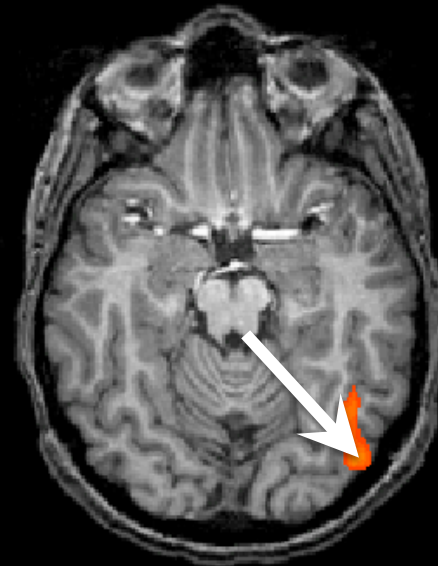
Here, we see greater activity in primary visual cortex for all trials in which both subjects viewed woven images than for photos.

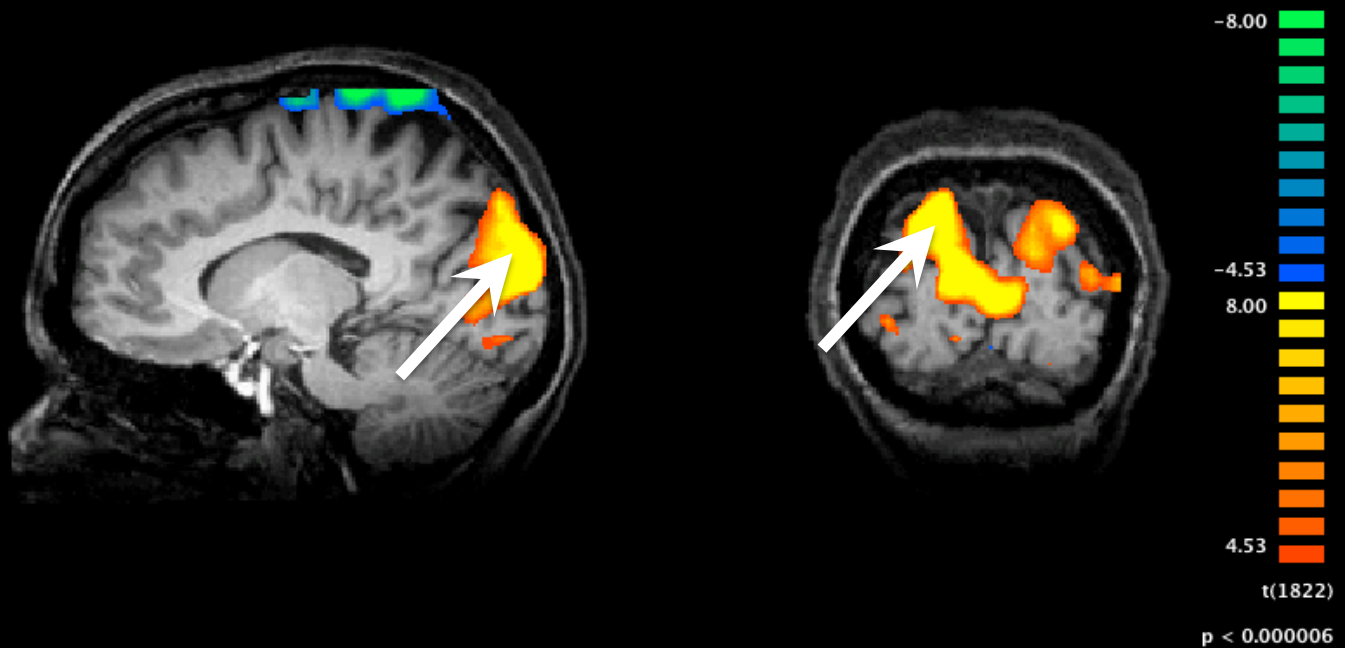




***All seeing faces (woven and photo) >  
All seeing scrambled images***

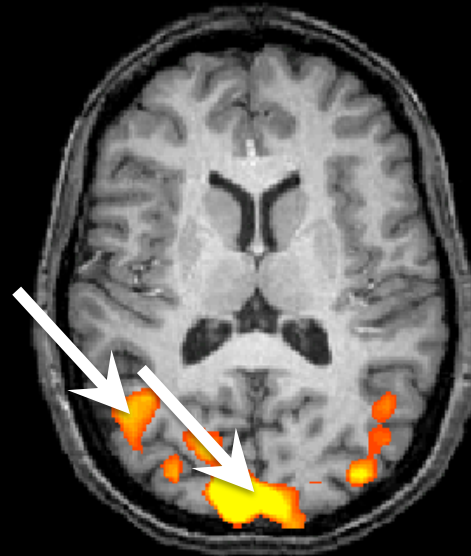
Here, we see the fusiform gyrus (also known as the “fusiform face area”) responding more to trials that contain faces than to scrambled images.

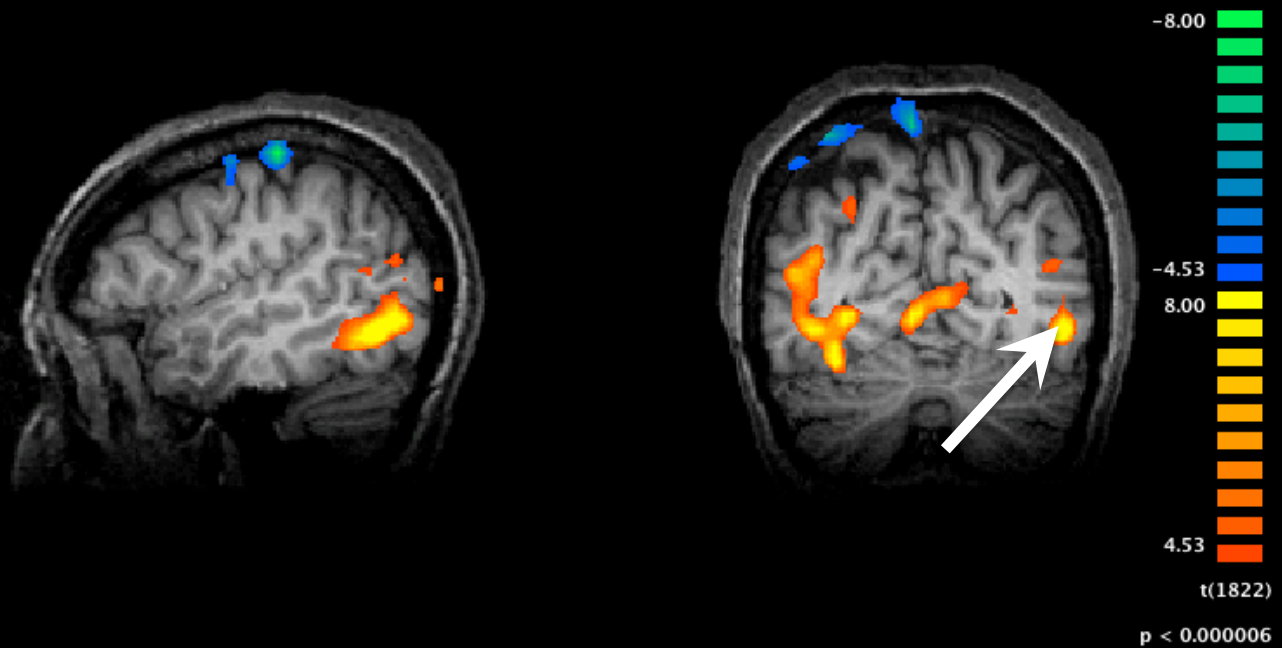




***Expert seeing woven and photo >  
Novice seeing woven and photo***

Here, we see greater activity for the expert than for the novice in several higher order visual areas within Brodmann's areas 18 and 19.





***Expert seeing woven and photo >  
 Novice seeing woven and photo***

Here, we see again the fusiform gyrus (“face area”). This time it shows greater activity for the expert than for the novice.

