

■ FIGURE 2.21 Cultural Specificity in Bilateral Amygdala Response to Fear Faces

Do we respond differently to those in our culture?

In terms of fear faces, people show more amygdala responses to the expression of such fear faces by those in one's own culture. Less response is seen to fear faces of those from cultures other than one's own. In the various panels in this figure, (a) portrays fear expressions on a Japanese person and a Caucasian American, and (b) shows an illustration of bilateral amygdala response to fear faces. As shown in the graphs, participants show greater left (c) and right (d) amygdala response to fear expressed by members of their own cultural group.

Source: Chiao (2009).

