ment Statistics survey (2). This survey collects nationwide occupational data (excluding self-employment) based on the government-wide Standard Occupational Classification system. Because this system does not report adequately detailed statistics for several of the artist categories used by Dr. Veale and colleagues, we made several assumptions to derive our estimate (for example, the Occupational Employment Statistics survey reports the number of postsecondary art, music, or drama teachers, which we divided by 3 to derive an estimate for art teachers). Because of insufficient detail, several teacher categories were excluded from our analyses, so our estimated rate of artists in the general population is likely an underestimate.

Of the 146 subjects with body dysmorphic disorder, 1.4% (N=2) (95% confidence interval [CI], 0%–3.3%) were currently employed as artists. The estimated rate in the general population was 0.64% (753,283 of 117,006,770) (95% CI=0%–1.4%). Thus, the proportion of subjects with body dysmorphic disorder who were employed as artists was approximately twice that in the general population.

Our rate of 1.4% cannot be directly compared to the rate of Dr. Veale et al. of 20% because their rate includes education in art/design, which we did not assess. Nor is our rate directly comparable to the employment rate of 7% of Dr. Veale et al. because we assessed only current—not lifetime—occupation. Nonetheless, our rate is notably lower than that of Dr. Veale et al.; however, it is still higher than that in the general population and thus offers modest support for the hypothesis that body dysmorphic disorder is associated with employment as an artist. Our findings are based on a small group, however, and should be considered preliminary. Further research is needed to elucidate factors that may contribute to body dysmorphic disorder’s development, as this important topic has received little investigation.

References
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Transcranial Magnetic Stimulation and Processing of Facial Threats

TO THE EDITOR: With great interest, we read the article by Ralph E. Hoffman, M.D., and Idil Cavus, M.D., Ph.D. (1), who discussed the results of a recent study of slow repetitive transcranial magnetic stimulation (rTMS) on the attentional processing of threatening facial expressions (2). They considered those results consistent with the findings of McCann et al. (3), who reported reductions in the symptoms of posttraumatic stress disorder (PTSD) after slow rTMS over the right prefrontal cortex. Since enhanced reactivity to a perceived threat is a central symptom of PTSD, the demonstration of reduced attention to threatening faces after slow rTMS over the right prefrontal cortex (2) would, according to Drs. Hoffman and Cavus, not only fit the valence model of approach-and-withdrawal-related emotion but also provide evidence concurring with the study by McCann et al. (3).

Although we, in fact, showed enhanced attention to threatening (angry) facial expressions after right prefrontal cortex rTMS (2), our finding is in accordance with the valence model. Threat can be displayed by fearful and angry facial expressions, but whereas fear is a withdrawal-related emotion associated with relatively more right-sided activity of the prefrontal cortex, anger is an approach-related emotion associated with relatively more left prefrontal cortex activity (4). The local inhibitory effects of slow rTMS of the right prefrontal cortex induce relatively more left prefrontal cortex activity and thus enhance attention to angry faces (2). Slow rTMS of the right prefrontal cortex should contrariwise reduce attention to fearful faces since there is clearly relatively less right prefrontal activity. In agreement, we recently demonstrated reduced attention to fearful faces in a placebo-controlled study of slow rTMS over the right prefrontal cortex (4). These findings concur with the reductions in fear-related PTSD symptoms by McCann et al. (3). Moreover, rTMS-EEG research indicates that the reductions in attention to fearful faces (4) are anxiotically mediated and that the local inhibitory effects of right prefrontal cortex rTMS result in excitation of the left prefrontal cortex (5). Such left prefrontal cortex excitation after slow rTMS of the right prefrontal cortex is not counterintuitive but is defensibly due to reductions in transcallosal inhibition, a crucial mechanism in the valence model of emotion.

In sum, when discussing the motivational and neurobiological mechanisms by which slow rTMS over the prefrontal cortex reaches its effects on approach- and withdrawal-related emotion, the phenomenon of contralateral inhibition between the hemispheres and the exact nature of the emotional index of behavior should be taken into account.

References
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Drs. Hoffman and Cavus Reply

TO THE EDITOR: We regret that when discussing the TMS effects reported by d’Alfonso et al. (2000) as they might pertain to an rTMS case series of PTSD patients, we misrepresented the ef-