

Bio:

David M. Greenberg, PhD is a psychologist, musician, and researcher in the Department of Psychiatry at the University of Cambridge. His research examines music at the intersection of social science, neuroscience, genetics, and clinical treatment. He received an early career research award from the European Society for the Cognitive Sciences of Music (ESCOM), and is currently working on his first book, *Music and Personality: How Psychological Science Explains the Musical Mind* (Oxford University Press, under review) to be released in 2019. He has published in top journals including *Proceedings of National Academy of Sciences*, *Psychological Science*, *PLoS One*, and *Social Psychological and Personality Science*. He has developed and published five assessments (MET; EQ-10; SQ-R-10; SPQ-10; and MAS).

Dr. Greenberg received his PhD in psychology from the University of Cambridge, his MA in clinical psychology from the City University of New York, and MPhil in social and developmental psychology from the University of Cambridge. He has training in psychotherapy from City College of New York, and training in music therapy from Anglia Ruskin University.

He created the Musical Universe project, which is now one of the largest databases in the music sciences. It contains data on 200,000 people in 100 countries who have taken 20 tests measuring music perception, cognition, emotion, personality, empathy-systemizing 'brain types', and clinical diagnoses. Collaborators on the project include researchers at Columbia University, the University of Cambridge, the University of California-San Francisco, and Bar-Ilan University. The project includes a subject pool of 10,000 individuals who take additional tests each month. The Musical Universe project is being expanded to include brain scanning with collaborators at the University of North Carolina and genetic testing with collaborators at Cambridge University.

Dr. Greenberg is currently working with different organizations to assess the effectiveness of music therapy treatment by combining data from brain scanning, neuropsychological testing, and genetic testing of patients with neurodevelopmental disorders, predominantly autism. He has also been working with Spotify for over two years on big data projects to advance scientific knowledge about musical behavior by publishing in the music sciences. Most recently, in 2018 he was awarded the Daniel Turnberg Fellowship to travel to Israel to conduct a study on the role of music and genetics in the Israeli-Palestinian Youth Choir.

He has taught undergraduate psychology courses at three different Universities. In 2017, he developed the first ever Psychology of Music course at City College of New York for undergraduate psychology and music majors. He has supervised five undergraduate and masters-level dissertations at the University of Cambridge and City University of New York.

Dr. Greenberg is the founder a new non-for-profit organization aimed at funding music research and therapy. The board includes Professor Simon Baron-Cohen (University of Cambridge) and Arts Professor and vocalist Lisa Sokolov (New York University), and neuroscientist Dr. Dorothea Floris (Donders Institute for Brain, Cognition, and Behaviour). The organization will fund cutting-edge research at top Universities and help support programs that provide music therapy to disadvantaged youth. The application for non-for-profit status is currently under review.