CURRENT RESEARCH

One in four people in the world will be affected by mental or neurological disorders at some point in their lives. Ranging from episodes of depression to lifelong diagnoses of bipolar disorder, patients rely upon their providers and coping mechanisms to work through the challenges mental health disorders can bring. One of the greatest challenges for patients is tracking their mental health throughout the day when life gets busy. Dr. Tanzeem Choudhury, of Cornell University, is transforming how patients and healthcare providers measure and treat mental health. By developing interactive technologies that help to bring awareness to the changes that occur in mental health throughout the day for patients, and diagnostic tools as well, her research is likely to have a profound effect on patient outcomes and doctor’s ability to provide effective treatment.

The research that Dr. Choudhury is conducting has the potential to change the way overall health and specifically, mental health, is diagnosed and treated by creating novel wearable and mobile systems that continuously track mental wellbeing and personalized interventions that include patient engagement and clinician-patient alliance.

AWARDS

- NSF CAREER Award
- TED Fellow 2009
- PopTech Science and Public Leadership Fellow, 2010
- Kavli Fellow, National Academy of Science, 2011