Ben-Zeev will provide an overview of recent advancements in the field of mHealth and examine how mobile devices and telecommunication infrastructure can be harnessed to support illness detection, prevention, and care of people with severe psychopathology in outpatient and inpatient settings. He will present findings that involve the use of both cutting-edge technologies (e.g., multi-modal smartphone sensing for relapse detection, multi-media intervention apps for illness management) as well as novel uses of existing, but simpler, technologies (e.g. texting between clinicians and patients) in an effort to improve patient outcomes. He will describe the lessons learned from conducting multiple mHealth initiatives with complex patients in real-world settings. He will outline his vision for effective, realistic, and sustainable mHealth for mental health in the years ahead.

Ben-Zeev specializes in the development and evaluation of technology-based approaches in the study, assessment, treatment, and prevention of mental illness. He is the co-director of UW’s Behavioral Research in Technology and Engineering Center and director of the mHealth for Mental Health Program (www.mh4mh.org), a multidisciplinary effort to harness mobile technology to improve the outcomes of people with psychiatric conditions. His research has been supported by the NIH, and the NSF. He publishes extensively in scientific journals and has written editorials and commentaries for *Psychiatric Services*, the *BMJ*, and *The New York Times*, and his research has been covered by National Public Radio, *Nature*, *Wired Magazine*, *Slate*, and *The Economist*.

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