

1106-11-1608      **Susie Kimport\*** ([susie.kimport@yale.edu](mailto:susie.kimport@yale.edu)). *Quantum modular forms from mock Jacobi forms.*  
Quantum modular forms, introduced by Zagier in 2010, are functions that exhibit almost modular behavior on a subset of a rational numbers. Since their introduction, a handful of examples of these new objects have been generated. In this talk, I will present an infinite family of quantum modular forms of arbitrary half-integral weight. These forms arise from a universal mock theta function in a systematic way. Further, the method of construction extends results related to Jacobi forms into this quantum setting. (Received September 14, 2014)