1016-14-257 **Brian D Smithling*** (bds@math.uchicago.edu), 5734 S University Ave, Chicago, IL 60637. *The moduli stack of formal Lie groups.*

I will give a definition of formal Lie groups over arbitrary schemes, generalizing formal Lie group laws over rings, and an explicit description of the moduli stack of all formal Lie groups as a pro-algebraic stack. I will then discuss the stratification of this stack arising from the classical notion of height for formal Lie group laws in characteristic p. (Received February 13, 2006)