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Hans Erik Nordstrom* (nordstro@up.edu), 5000 N Willamette BLVD, Portland, OR 97203,
and **Jennifer A Firkins Nordstrom**. *Prime ideals of Leavitt path algebras over arbitrary
rings*. Preliminary report.

Leavitt path algebras constructed over a base field have a rich history of research; most recently their ideal spectrum has come under study. Aranda Pino, Pardo, and Siles Molina initially characterized the prime spectrum in terms of graph-theoretic properties. Abrams, Bell and Rangaswamy showed this description coincided with a particular stratification, similar to that found by Goodearl and Letzter for many quantum groups, by proving that LPAs satisfy the *Dixmier-Moeglin equivalence*. We discuss how these results can be used to indicate prime ideals of LPAs build over arbitrary rings. (Received February 06, 2018)