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**Ashley Walls White\*** ([anwalls@ncsu.edu](mailto:anwalls@ncsu.edu)), Department of Mathematics, Box 8205, NC State University, Raleigh, NC 27695. *Companion Lie Algebras to Leibniz Algebras*.

It is popular to investigate where Lie algebra results extend to their Leibniz algebra generalizations. In Lie algebras, establishing properties of algebras in certain classes, such as nilpotent, is a constant theme in the literature. In this talk, we offer some Leibniz algebra analogues of such results. A useful tool, called the companion Lie algebra, is developed to help in the investigation. (Received October 05, 2016)