1117-17-481 **Ben L. Cox*** (coxbl@cofc.edu), Math Department, College of Charleston, 66 George Street, Charleston, 29401, and **Kaiming Zhao** (kzhao@wlu.ca), , Canada. *On the Universal Central Extension of Certain Krichever-Novikov Algebras.*

Let $p(t) \in \mathbb{C}[t]$ be a polynomial with distinct roots and nonzero constant term. We describe, using Faá de Bruno's formula and Bell polynomials, the universal central extension in terms of generators and relations for the Krichever-Novikov algebras of the form $\mathfrak{g} \otimes R$ and $\mathrm{Der}(R)$ whose coordinate ring is $R = \mathbb{C}[t, t^{-1}, u | u^2 = p(t)]$. (Received January 19, 2016)