1131-16-145   **Lauren Grimley***, Department of Mathematics, Spring Hill College, 4000 Dauphin St, Mobile, AL 36608. *Group extensions of quantum exterior algebras.*

The Hochschild cohomology of an associative algebra contains clues about representations and deformations of the algebra. In this talk, we describe the Hochschild cohomology of group extensions of quantum exterior algebras, detailing the Gerstenhaber algebra structure on cohomology, with a view toward deformations. (Received July 11, 2017)