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**Jose Simental\*** ([simentalrodriguez.j@husky.neu.edu](mailto:simentalrodriguez.j@husky.neu.edu)). *Harish-Chandra bimodules for Rational Cherednik Algebras.*

Rational Cherednik algebras are a certain class of associative algebras associated to complex reflection groups. They depend on a collection of complex numbers, and their representation theory is in some sense similar to that of universal enveloping algebras of semisimple Lie algebras. In particular, there is a notion of Harish-Chandra bimodules for these algebras. In my talk, I will describe irreducible maximally supported Harish-Chandra bimodules over rational Cherednik algebras associated to Coxeter groups. (Received January 19, 2015)