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Olivia Beckwith* (obeck@illinois.edu), **Martin Raum** and **Olav Richter**. *Congruence Relations for Hurwitz Class Numbers.*

Hurwitz class numbers $H(N)$ count weighted classes of quadratic forms of discriminant $-N$ and are the Fourier coefficients for a weight $\frac{3}{2}$ mock modular form. This talk will discuss recent work with Martin Raum and Olav Richter, in which we study certain congruence relations for $H(N)$ which behave quite differently from known congruence relations for coefficients of mock theta functions. (Received September 15, 2020)