1135-O5-1664   **Patrick X Rault*** (`rault@email.arizona.edu`), University of Arizona, 9040 S Rita Rd, Ste 2260, Tucson, AZ 85747. *IBL Quadratic Reciprocity.* Preliminary report.

We will present a sequence of problems which lead up to a proof of Quadratic Reciprocity. This sequence is suitable for an elementary number theory course which employs Inquiry-Based Learning. The chosen proof of quadratic reciprocity is relatively new and very elementary. (Received September 24, 2017)