

NAME: _____

Review the sections in chapter 5 on current flow across a biased p-n junction.

On the p-side, the current is carried by holes, and on the n-side by electrons. Explain how a hole current on one side becomes an electron current on the other side of the junction.

Using the diagram below, show the spatial variations of both the electron and hole current. Note that the total current has to be constant.

