Chirality is important in a variety of chemical, biological, and physical phenomena. I will discuss two new chiral phenomena that we have observed recently. One concerns the dynamics of chiral nanostructures and the other discusses a surprisingly simple way a physicist can realize chirality at the molecular level. The symmetries that physical fields need to have in order to induce chirality will be discussed.

Note: Joint Physics/Chemistry Colloquium to be held in Remsen 105