

**Cover design by Patrick Foley**

“To create the cover for the *Ball State Undergraduate Mathematics Exchange*, I started by looking at polyhedra. For me, polyhedra are a very elegant and interesting example of mathematics. In this image I quoted from an engraving by Albrecht Durer entitled *Melancholia I*. This print contains a polyhedron that is either a cube or rhombohedron that has been truncated on the top and bottom faces. There has been much scholarly speculation about the meaning of this shape. Starting with this polyhedron, I then added four of the Platonic Solids: a tetrahedron, a dodecahedron, an icosahedron, and an octahedron. Each of these shapes shares an edge with Durer’s shape. Finally, triangles were added to abstract the image and complete the final figure.”



*Patrick Foley is a Ball State Painting major with minors in Mathematics and Computer Science.*