Olivia Isabella Orrantia-Kotowski* (olivia.orrantia@ttu.edu), 1336 James Kelley, El Paso, TX 79936, and George Brock Williams. Circle Packing Random Triangulations.

The deep connection between conformal maps and discrete maps from one circle packing to another have been an object of study since Thurston's pioneering work in the 1980's. Far less well understood is the nature of maps from a random triangulation to a circle packing for that triangulation. We expect there to be a normal distribution of point relations as they move from a random triangulation to a circle packing. Our research will serve to help validate our current hypothesis. (Received September 21, 2015)