

1135-AF-206 **Thomas Q Sibley*** (tsibley@csbsju.edu). *Nurturing Geometrical Intuition.*

For millennia geometry has fostered a fruitful synthesis of intuition and proof. But our current pedagogical emphasis on algebraic thinking has eroded geometric intuition. Fr. Magnus Wenninger's marvelous models provided a welcome balance, showing the value of visual and tactile understanding in geometry. He also shared his passion for the intrinsic beauty of polyhedra. I will discuss some ways to build on his legacy, increasing students' geometrical intuition with physical models. (Received August 09, 2017)