

1154-97-1875

Scott Jeremy Baldridge* (sbaldrid@math.lsu.edu), Department of Mathematics, Baton Rouge, LA 70803. *Psychological Drivers of Mathematically Gifted Students*. Preliminary report.

Common psychological drivers for gifted students include the need for achievement, belongingness, or status. They help students develop the right mixture of talent, interest, commitment, and persistence needed to become researchers in mathematics. But there are other psychological drivers as well, some that are possibly unique to mathematics as a field, others that emerge from early childhood trauma. Searching for and identifying these drivers can help the math community find gifted students that may otherwise be overlooked. In this talk we explore some of these other types of psychological drivers and discuss ways to work with students that have them. (Received September 16, 2019)