

1086-01-1697 **Janet L. Beery*** (janet_beery@redlands.edu). *Great minds think alike – when they share knowledge.* Preliminary report.

Matthias Schemmel has written about the “shared knowledge” of Thomas Harriot (1560-1621) and Galileo Galilei (1564-1642) and their resulting theories of projectile motion, and Kathleen Clark and Clemency Montelle have written about the “parallel insights” of John Napier (1550-1617) and Joost Burgi (1552-1632) on logarithms. In this presentation, we illustrate the shared knowledge and parallel insights of Harriot and Galileo, Harriot and Johann Faulhaber (1580-1635), and Harriot and Bartholomaeus Pitiscus (1561-1613) about, respectively, models of projectile motion, formulas for generalized triangular numbers (binomial coefficients), and constant difference interpolation techniques. (Received September 24, 2012)