1056-14-152   **Amanda Knecht*** (`knecht@umich.edu`), University of Michigan Mathematics, 2074 East Hall,
530 Church Street, Ann Arbor, MI 48109-1043. *Interpolation on Rational Surfaces.*

Graber, Harris, and Starr proved that if the general fiber of a fibration over a complex curve is rationally connected, then the fibration admits a section. A proper variety over $\mathbb{C}$ is rationally connected if any two points can be connected by a rational curve. Knowing that a section exists, we can ask interpolation questions about the sections. I will discuss examples of varieties for which we can find sections with prescribed Taylor series data. (Received August 05, 2009)