

1154-00-210 **Allison Henrich*** (henricha@seattleu.edu). *Six Fundamental Steps to Mentoring Student Research.*

To get started on research with students, there can be an overwhelming number of things to consider. How do I choose problems? How do I find students to work with? How can I set the tone for the research experience and manage tricky student issues as they arise? How can I help my students develop research and communication skills? In this talk, we'll discuss Six Fundamental Steps to mentoring student research. These steps can help new faculty members learn how to get started in mentoring student researchers while helping seasoned mentors think about how to improve their mentoring skills. We'll also share information about sources of funding for research with students. This talk is based on advice given in *A Mathematician's Practical Guide to Mentoring Undergraduate Research*, a book that was jointly written with Michael Dorff and Lara Pudwell. (Received August 23, 2019)