## Abstract Submitted for the APR20 Meeting of The American Physical Society

Importance of Faculty Research in higher Education SAMINA MASOOD, ALISHPA MASOOD, University of Houston, Clear Lake — We discuss the importance of faculty research in higher education. Students at all levels are attracted towards the higher education, if faculty can share some research facts which are not available in textbooks or on popular websites. Researchers, as presenters, have the ability to present their research to the high school students in an understandable way and answer all questions with more confidence, especially if they are publishing in the field themselves. Research involvement plays a crucial role both at undergraduate and graduate level institutes to involve students in research. Students are usually attracted to regularly publishing faculty, especially if their research interests overlap with faculty or choose the area of research of their favorite faculty. We share some interesting facts to support our arguments as well.

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