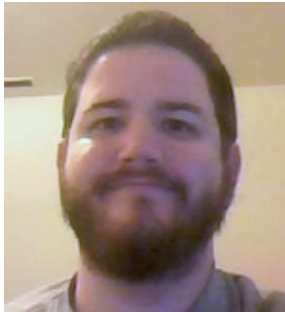


# Physics Department Seminar

Friday May 2<sup>nd</sup>, 2014

3:00pm in Physical Science 105

## “Long-Distance, Chaos- Encrypted, Fiber Optic Communication Systems”



Mr. Sean Quinn

Physics Major

CSU Chico Department of Physics

### Abstract:

This presentation will explain the proposed setup for a real-life application of a long-distance, chaos-encrypted, fiber optic communication system. The capabilities and intricacies of the such a system will be examined. This will include a brief explanation of the workings of fiber optic cable via Snell's Law and Total Internal Reflection as well as common laser pumping methods.

