

Good Timing: Exploiting Entanglement for Secure Clock Synchronization

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Host: Jonathan Dowling

3:30 PM Thursday, February 1 at 119 Nicholson Hall

The ability to synchronize remote clocks is a surprisingly fundamental part of civilian and military infrastructure, from cell phone networks to power grids, onward to GPS and gravitational wave detection. Unfortunately, it is known that it is not hard to spoof a GPS signal and use it to steer a target clock to a desired time. Under non-

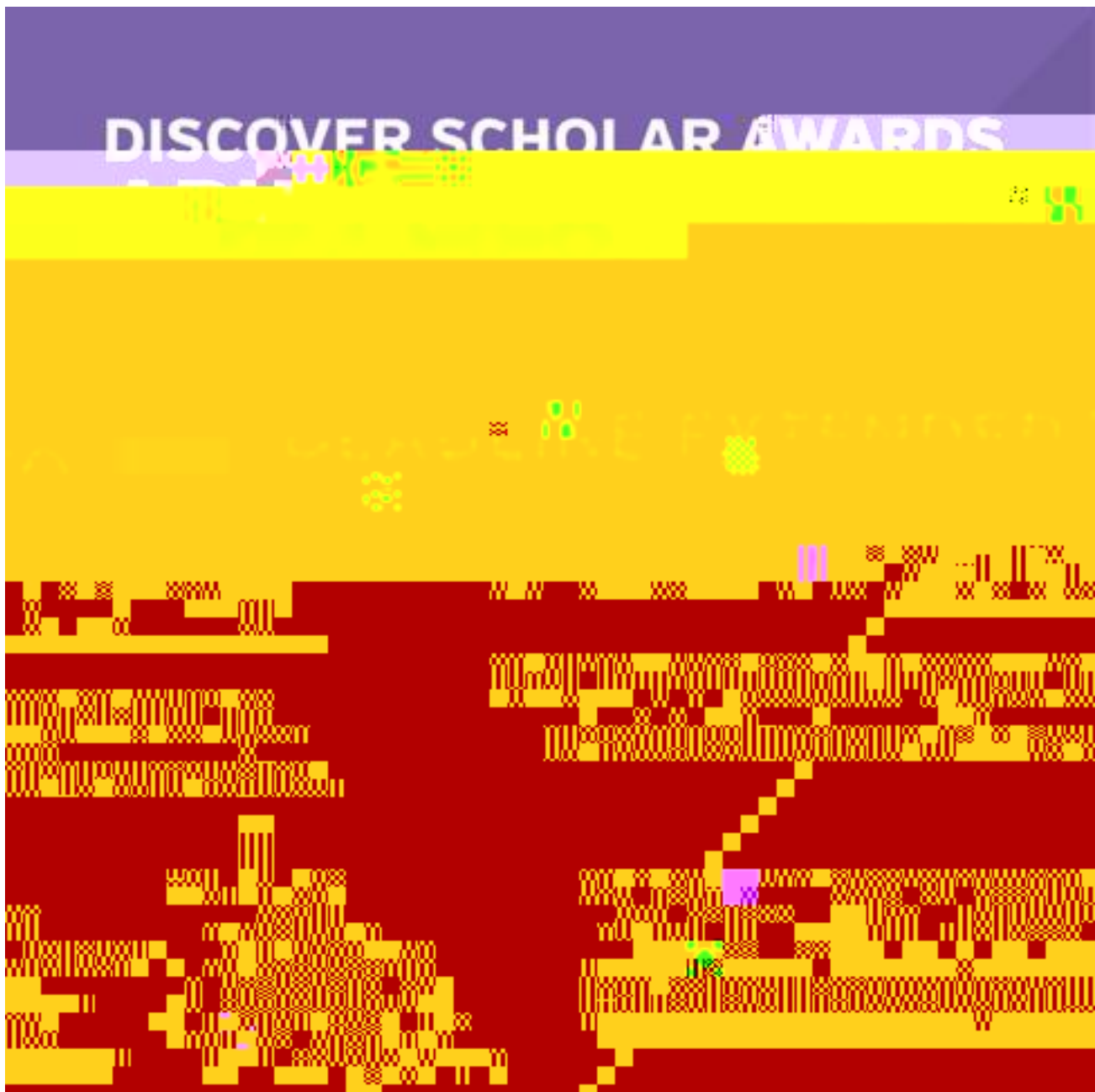
Events

[Discover Scholar Awards](#): [Discover Scholar Awards](#) by Kristine DeLong,
LSU Department of Geography & Anthropology (Flyer is attached)

- When: Saturday, January 27, 10 am
- Where: Room 130 Nicholson Hall

[Landolt Astronomical Observatory Public Viewing Night](#): View the Moon, getting close-up views of the 'lunar seas,' craters and mountains.

- When: Saturday, January 27, 7-8 pm, (*Rain date is Sunday, January 28 7-8 pm*)
- Where: LAO on the roof of Nicholson Hall



SATURDAY SCIENCE

Dr. Kristine L. Delong

