

LED Society

STEERING COMMITTEE ELECTION

Candidate application form

Title: Assistant Research Professor & Manager of the Desert Research Institute Luminescence Research Lab (DRILL)

Name: Christina

Surname: Neudorf

Affiliation: Desert Research Institute, Nevada, USA

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Select the position you are applying for:

- President**
- Young researcher** (PhD degree awarded on [Click or tap to enter a date.](#))
- Ordinary member**

Biography:

I received training in luminescence dating under the supervision of Profs Richard Roberts and Zenobia Jacobs in the School of Earth and Environmental Sciences at University of Wollongong (2008-2012) and have continued research in luminescence dating and its applications in archaeology, geomorphology, and seismology for the past 11 years. From 2012 to 2018, I managed the Luminescence Dating Lab at the University of the Fraser Valley, Canada under the supervision of Dr. Olav Lian before landing my current position as Assistant Research Professor at the Desert Research Institute (DRI) in Reno, NV, where I manage the DRI Luminescence Research Lab. I have participated in international (LED) and regional (APLED) LED meetings since 2009 and I regularly review manuscripts submitted to Quaternary Geochronology, Radiation Measurements, as well as other journals that publish luminescence data.

Christina Neudorf

Motivation: *(Please describe your vision for the LED Society, the contribution you would like to make, etc.)*

I would like to contribute to the LED Society (SLED) by helping to coordinate future regional and international meetings (we will be hosting the New World Luminescence Dating Workshop at DRI in 2024). I'm also interested in developing proposals to fuel novel research avenues in geochronology that cross interdisciplinary divides, expand student research and education opportunities, and support inter-lab calibrations and comparisons.

Ideally, the LED society should set up and financially support a website that hosts Ancient TL, features a directory of university/research institution trapped charge dating labs worldwide, as well as updates regarding community activities. In the longer term, I think it would be amazing to work toward developing an international database for luminescence data that will serve as a place for data curation, facilitate inter-lab comparisons and calibrations, and enable research into "big data" questions. I am also interested in assisting with the establishment of a regional Trapped Charge Dating Society in the Americas and helping to communicate North American interests to the wider international trapped charge dating community and vice versa.