

Eric Linton

Professor of Biology, Central Michigan University
Ph.D., Rutgers, The State University of New Jersey, 2000

Professional Address

Department of Biology
1455 Calumet Ct.
BioSciences Bldg. 3401
Mt. Pleasant MI 48859 U.S.A.

Webpage: <https://www.cmich.edu/people/ERIC-W-LINTON>

Research Interests:

Combining phylogenetic techniques with comparative chloroplast genome data, to study the evolutionary relationships of algae/eukaryotic microbes, with a special focus on the Euglenophyta. Currently, my work is collaborative and involves identification of new species and genera of toxic cyanobacteria using a combination of molecular systematics, light microscopy, scanning and transmission electron microscopy.

Society Service:

I have been a continuous member of the society for over 25 years serving in several capacities: as a member of the Bold Award committee (2006-2008), and chair (2007), as a member of the grants and fellowship committee (2007-2009) then as chair (2009 to 2012). I co-hosted the 2010 PSA Annual meeting at Michigan State. Most recently, I served as the Treasurer of the society for six years (2013-2018), and as Vice-President (2020), President (2021), and Past President (2022).

Candidate's Statement:

Having served as treasurer and president I am aware of the finances of and how the society runs. I have worked with the past two endowment managers developing an understanding of our endowment and investment strategies. I have also worked with the Board of Trustees for nine years to set priorities to grow and make awards from our endowment, including the plan to eventually take over management of AlgaeBase.

Selected Scientific Publications:

- I-Shuo Huang, Lee J. Pinnell Jeffrey W. Turner, Hussain Abdulla, Lauren Boyd, **Eric W. Linton** and Paul V. Zimba. 2020. Preliminary Assessment of Microbial Community Structure of Wind-Tidal Flats in the Laguna Madre, Texas, USA. *Biology*. 9, 183; doi:10.3390/biology9080183 (IF 3.796)
- Hewadilearamge, M. M. E., **Linton, E. W.** 2018. Intrageneric Chloroplast Genome Comparison in the Genus *Euglena* (Phylum: Euglenophyta) with Annotated Chloroplast Genomes of *Euglena hiemalis* and *Euglena clara*. *J Appl. Phycol.* 30(6): 3167-3177. <https://doi.org/10.1007/s10811-018-1547-6>.
- Zimba, P. V., Huang, I-S., Chiu, A. S. Foley, J. E., **Linton, E. W.** 2017. Identification of a New-To-Science Cyanobacterium, *Toxifilum mysidocida* Gen. Nov. & Sp. Nov. (Cyanobacteria, Cyanophyceae). *J Phycol.* 53: 188–197.
- Kim J. I., **Linton, E. W.**, Shin, W. 2016. Morphological and genetic diversity of *Euglena deses* group (Euglenophyceae) with emphasis on cryptic species. *Algae*. 31(3): 219–230.
- Kasiborski, B. A., Bennett, M. S., **Linton, E. W.** 2016. The Chloroplast Genome of *Phacus orbicularis*

(Euglenophyta): An Initial Datum Point for the Phacaceae. *J Phycol.* 52(3): 404–411.
Kim J. I., **Linton, E. W.**, Shin, W. 2015. Taxon-rich multigene phylogeny of photosynthetic euglenoids
(Euglenophyceae). *Front. Ecol. Evo.* 20 August 2015 |
<http://dx.doi.org/10.3389/fevo.2015.00098>.