

CLOE NEWSLETTER

RECENT PUBLICATIONS

Julia Day has a collaborative paper out 'Molecular phylogenetics of sub-Saharan African naticine snakes, and the biogeographic origins of the Seychelles endemic *Lycognathophis seychellensis*.'

doi.org/10.1016/j.ympev.2021.107152

Further work by Hernan Burbano and Sergio Latorre on the genomic surveillance of wheat blast is published in the paper 'Genomic surveillance of wheat blast outbreaks: a pandemic lineage of the wheat blast fungus'. <https://doi.org/10.5281/zenodo.4619405>

Congratulations to Paschalia Kapli, Ziheng Yang and Max Telford on the paper in Nature Reviews Genetics in which she discusses phylogenetic analysis and understanding different sources of error to ensure accuracy. <https://www.nature.com/articles/s41576-020-0233-0>

Chris Thompson has a paper in press for Molecular Biology and Evolution entitled 'Inferring adaptive codon preference to understand sources of selection shaping codon usage bias'.

DrosoPhyla is the improved phylogenetic framework from Drosophilidae by Ferdinand Marletaz in collaboration with Cedric Finet and others. <https://www.biorxiv.org/content/10.1101/2021.03.23.436709v1>

RECENT GRANTS AND AWARDS

Congratulations to Chris Thompson for a grant from NERC for £800K. 'Unravelling the Evolutionary Processes Shaping Greenbeard Recognition Systems and The Control of Cooperative Behaviour'

Julia Day has been awarded two NERC NEOF grants. 'Testing trophic resource utilisation as a driver of diversification in East African soda lake cichlids' and 'A novel biomonitoring approach for conserving the critically Endangered axolotl salamander'.

Congratulations to Ferdinand Marletaz on securing BBSRC funding for a Post-Doc to join his new lab.



Upcoming Events

4th May

JGM. Speakers: Andrew Knapp and Jeff Thompson

20th May

Lewis Wolpert Memorial Lecture. 1:30pm-3:00pm

10th June

CLOE Symposium

Twitter & Newsfeeds

All publications will be tweeted on the CLOE Twitter account @CloeFor. Please retweet generously!

Muslima updates the divisional and CLOE newsfeeds with CLOE publications and work of note. The new UCL webpages are going live and the newsfeed features more heavily.

Details of new publications or media pieces with a brief summary highlighting the main aspects should be emailed to Muslima.

CLOE SYMPOSIUM

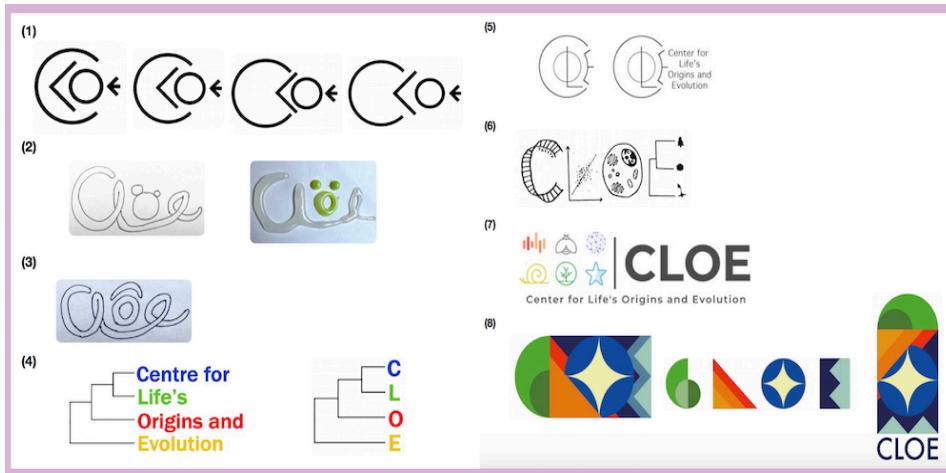
Our speakers for the Symposium will be Emily Joseph (Michigan State) and Luis-Miguel Chevin (CNRS/CEFE Montpellier).

Emily's lab focuses on understanding how various evolutionary forces, like drift and selection, shape patterns of genetic variation and trait variation in natural and domesticated plant species. She works with a range of crops and wild plant species. <https://josephslab.github.io/>

Luis-Miguel's lab relates to adaptive evolution, from the influence of the environment on natural selection and on the expression of phenotypes, to the genetic architecture of responses to selection, or the consequences of evolution for population growth and extinction risk in changing environments. <https://lmchevin.weebly.com/>

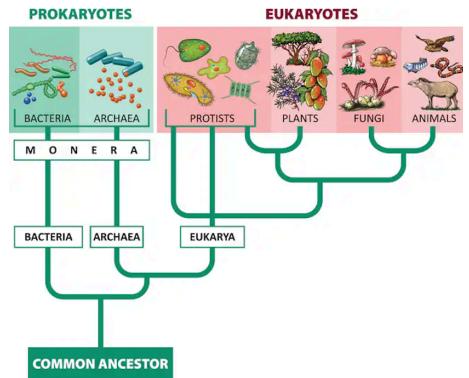
LOGO ENTRIES

We have eight final designs from which the winner will be decided. Thank you to everyone who made a design!



LONDON INTERDISCIPLINARY DOCTORAL PROGRAMME (LIDo)

The BBSRC has awarded 30 four-year PhD studentships per year for 5 years from 2020 to the UCL, King's, RVC, LSHTM, Birkbeck, QMUL, RHUL and NRI London Interdisciplinary PhD Consortium. A call for projects will be made in the spring term of 2021 (deadline: 31st May 2021 at 4pm) for students joining the programme in September 2021. Projects must be submitted online at <http://project-directory.lido-dtp.ac.uk/project-submission/>. The project must be interdisciplinary with two supervisors from two different institutions and a four-month associated rotation project. Full details and further information can be found at the website <http://www.lido-dtp.ac.uk>.



Congratulations

Julia Day has been elected as an Associate Editor for the journal *Evolution*.

Kara Terry in Joel Bryan's lab has secured an Alberta Innovates Research Studentship and NSERC Undergraduate Award for her eukaryogenesis-related project.

Hernan Burbano was hosted by the Institute of Molecular Plant Sciences this week, giving a talk entitled 'A retrospective view on plant genetic diversity using ancient DNA'.