

Environmental Sciences PhD Studentship to investigate the influence of aircraft, lightning and rockets on the air we breathe and global climate

We are pleased to announce a fully funded PhD studentship starting September 2021 in the UCL Atmospheric Composition and Air Quality Group ([UCLACAQ](#)) to work on the prestigious [UpTrop project](#) led by air quality and atmospheric chemistry modelling expert, [Dr Marais](#) and with researchers at UCL, NASA, Harvard, and beyond.

Closing Date: Monday, 3 May 2021. If you wish to apply, please follow the PhD application guidelines: <https://www.ucl.ac.uk/prospective-students/graduate/research-degrees/application-guidelines>. In the online application, select “Geography” as the PhD programme and “Dr Eloise Marais” as primary supervisor.

Value: Stipend and UK tuition fees. If you are an EU/EEA citizen and are eligible for UK tuition fees until 31 July 2021, an earlier start date may be possible. Please contact Dr Marais (e.marais@ucl.ac.uk) to enquire further.

Project Description: The successful candidate will use modelling tools and datasets from a range of observing platforms to determine the effect of sources that proliferate in the remote upper troposphere (8-12 km overhead) on air quality and short-lived climate forcers like ozone and aerosols. This research will be conducted in the UCLAQAC research group alongside a range of complementary projects led by. For informal enquiries and additional details about the project, please contact Dr Marais (e.marais@ucl.ac.uk).

Eligibility: applicants should hold a First or Upper Second Class honours degree (or equivalent) in a quantitative sciences degree and/or similar Masters qualification. A background in Environmental Science, Chemistry, Physics, or Physical Geography and experience with computer coding are desirable, but not essential.