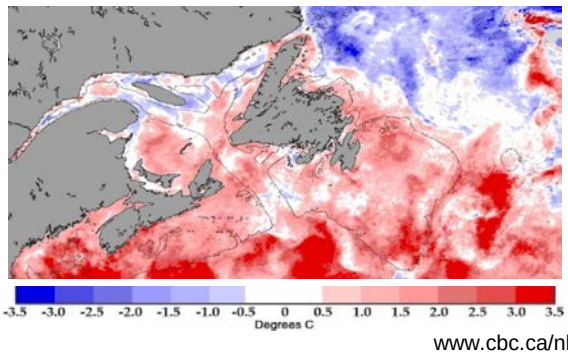
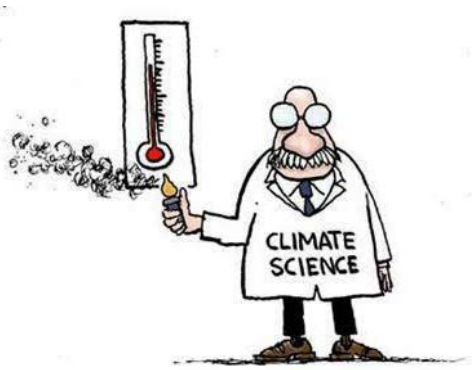
Experiencing ‘Ocean Heat Wave’



www.cbc.ca/nl



Graduate Student Positions in Fish Cardiorespiratory Physiology

Dr. Kurt Gamperl (https://www.mun.ca/osc/kgamperl/bio.php) is looking for M.Sc. and/or Ph.D. students to join his integrative research program in May or September of 2023, where they will study temperature and hypoxic effects on fish cardiorespiratory function, and factors that limit / or determine this taxa’s physiological plasticity. Techniques in this research will / could include respirometry, the implantation of data loggers to measure physiological variables (e.g., activity, blood pressure, heart rate) in free-swimming fish, the use of blood flow probes or cannulas, biochemical assays and ELISAs, Oroboros® fluororespirometry, echocardiography, functional genomics (qPCR, RNAseq etc.), and applicants with experience in one or more of these techniques are encouraged to apply.

The position comes with a generous stipend, and the successful applicant will have the opportunity to attend both national and international conferences, and to participate in pan-university collaborations. Several projects will involve working at both the Ocean Sciences Centre (Memorial University of Newfoundland) and at the Cape Eleuthera Institute/Island School in the Bahamas.

Interested applicants should send a cover letter, resume, and the names and contact details of 3 referees who can comment on the applicant’s research experience / background and fit for a position. Applications will be reviewed as they are received. For further information about aspects of the research/graduate positions, please contact Dr. Kurt Gamperl (709-864-2692); kgamperl@mun.ca.

https://www.mun.ca/osc/

About the Cape Eleuthera Institute - The Island School