December 2016

# CASE MEDICINE

## Space Medicine: The Challenge of Exploration Class Missions

**KnO₂wledge 9**

On Saturday 19th November 2016, CASE presented our flagship KnO₂wledge 9 Conference, which this year was about the future of exploration class missions including the potential role of doctors.

Taking over a packed lecture theatre at the Institute of Sport and Exercise Health, students, doctors of all grades and general public interested in Aerospace Medicine listened to our great speakers; Dr Beth Healey, Dr Simon Evetts, Dr Varsha Jain, Professor Mark Wilson, Dr Kevin Fong , Dr Daniel Grant, Dr Muska Khpal, Dr Bonnie Posselt, Dr Pete Hodkinson and Dr Claudia Stern.

More details

## DATES FOR THE DIARY

**Space Lectures: Scott D. Altman**
**31st March 2017**

**Xtreme Everest: Taking Medicine from Mountainside to Bedside**
**21 March 2017**

**10th Anniversary of Xtreme Everest summit**
**23 May 2017**

**Xtreme Everest RGS Lecture Evening 23 May 2017**

**Knowledge X: Oxygen**
**RSM, London**
**23 & 24 May 2017**

## Dr Daniel Martin and Dr Helen Mckenna: Published articles

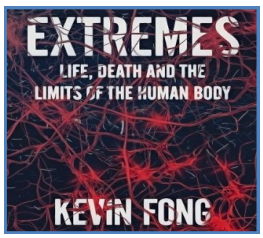
**Dan and Helen explore the world physiology**

CASE's very own Dr Daniel Martin has teamed up with Dr Helen Mckenna and published not one but two new articles! Both focus around the theme of physiology, one looking specifically at Surviving Physiological Stress and the other on the Human physiology and the impact that Global Deoxygenation has on it.

The first article, published in the Journal of Physiological Sciences discusses the biological significance of atmospheric oxygen, the proposed model of its decline, and its potential impact on human survival.

Read the whole paper.

The second looks at whether insights into human adaptation to austere environments can be applied to the CCU.




**Time to hunker down with a good book**

## Our short-list of 8 books we think are a must read

Struggling to find that last minute Christmas gift or need something to read on your Christmas holiday? Or perhaps you are just looking for an excuse to get out of the family game of Monopoly, then why not check out our short list of eight books we think are must reads.

There is something for everyone to enjoy and you may find a new interest.

More Details

**A lab with quite a view!**

More Details

## NOW BOOKING: KnO₂wledge 10

To celebrate the 10th Anniversary of Xtreme Everest Summit, the RSM are working in collaboration with the Xtreme Everest Oxygen Research Consortium to deliver the latest research, experiments and knowledge learnt from the Everest laboratory at the 10th anniversary summit.
The continual commitment and extreme experiments carried out by this team bring lessons learnt from the mountainside to the bedside to improve outcomes for people who become critically ill and save the lives of many.

## Space Lectures: Scott D. Altman

In 2017, retired United States Navy Captain Scott D. Altman will be joining Space Lectures for his first public appearance in the UK. .

More Details

**Meet a real Spaceman in 2017**

## More news you may have missed!

- A view from the High Level Isolation Unit
- Christmas Lectures coming up!

## Want to stay in touch? Update your details

Xtreme Everest are currently updating their mailing list. If you think we may not have the latest contact details for you, please get in touch.

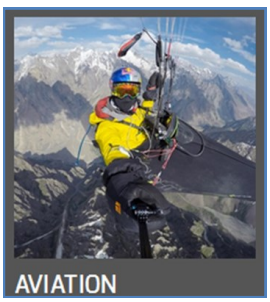
## DON'T FORGET!

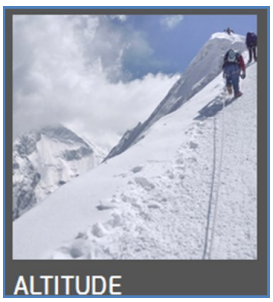
News items are added to the website as they come in, so we recommend that you check www.xtreme-everest.co.uk regularly and www.case-medicine.co.uk

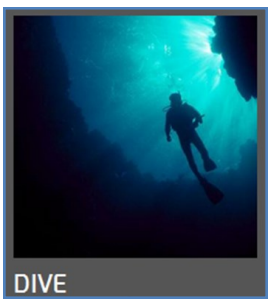
You can also find the latest news from the team by following us on Social Media

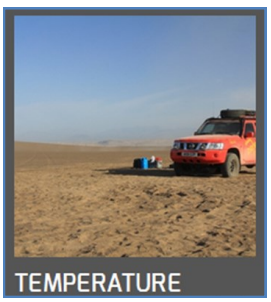
@CASE_Medicine @casemedicine @MedicineCASE

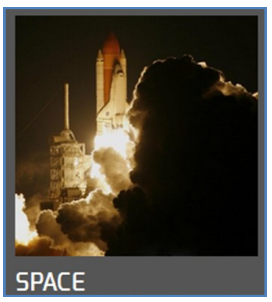
## Click on each picture to find out more about what we do!




CASE MEDICINE