Of brain, bugs and bytes

ON Aug 20, the Faculty of Science and Technology of Sunway University will be holding an experiential day called "Experience the Science and Careers of the Future – Brain, Bugs & Bytes!"

The session includes a series of TEDx talks, lab activities, showcase/demonstrations, workshops, fairground and display activities.

Highlights of the day include:

– Weight Loss In Adults: The Psychological Approach – 'Skills First, Behave Later'

Weight gain occurs in many of us, as we grow older even though we try dieting, exercising or some other regimen to slim down. One of the main reasons why people fail to maintain any weight loss programme is because of the lack of psychological and behavioural preparation.

This TEDx talk explains how attitudes and behaviour can be managed to make your weight loss journey more doable and sustainable.

– Hiding and Transferring Your Secrets Using Social Applications

This showcase is about a mobile application, which has been developed to hide and transfer sensitive information using social applications such as WhatsApp, WeChat and Viber.

In this way, the emoticons, which are used in social applications, are exploited for hiding the secret message. As a result, people can use this mobile application to store and send their sensitive information such as passwords and credit card numbers to the recipient in a secure manner.

– Antibiotics from Cockroaches

This laboratory-based activity will show that cockroaches possess antibacterials that are effective against superbugs such as MRSA and neuropathogenic E. coli.

– Save a Life In 8 Seconds

This workshop provides guidance on how to save someone's life in the instance of choking.

– How Much Does Your Memory Hold?

Have you ever wondered how big your memory is? With some simple techniques, you will be shown why it's so hard to remember a phone number or a shopping list.

Come by and experience the World of Science and Technology at Sunway.

■ For details, call 03-7491 8622 or e-mail info@sunway.edu.my.