

# Department of Rehabilitation Sciences Occupational Therapy Programme Environmental Issues Student Innovation Project (EISIP)

The project is presented in form of a showcase at the Pao Yue-kong Library learning hub for our students studying occupational therapy in Department of Rehabilitation Sciences.

The aims of the project is to assess students understanding in identifying problems for persons with disability with reference to environmental issues, their innovations and creative ideas in the design of assistive device, their sensitivities in making use of updated technology, and on how occupational therapy can adapt this device to improve functional performance and community participation of persons with disabilities.

The project is run under a subject "RS320 Environmental Issues in OT practice" for year two occupational therapy students which require them to work for a group project leading to the Prof. Alan Tam Memorial Fund Award. The group with the highest marks as given by the teaching staff and members of the assessment panel will be nominated for the award together with an amount of HK\$3,000 incentive. This project has been implemented for 4 years since 2008.

Students are required to design an assistive device for a person with disabilities. The presentation of the project usually takes the form of a showcase at week 14 (end of April) and students are required to display their products, demonstrating its use and answering questions from the teaching staff, members of the assessment panels and peers. This project requires students to present their design in the form of a prototype or real product of the assistive device, a poster showing the device in a standard form and a video or powerpoint to be showed in the computer.

For more details of the project, please contact Dr. Kenneth Fong at 2766 6716 or email: <u>Kenneth.Fong@inet.polyu.edu.hk</u>

References:

Appendix 1: Four posters of the winners in April 2011. Appendix 2: Public Awards for the design of assistive devices for people with disabilities in 2011.

# Appendix 1 Posters of winners in 2011



SPRING / 2011

#### PolyU Long Service Award - Prof Gabriel Ng

- Dr Gladys Cheing
- Mr Philip Ng



Prof Gabriel Ng (third from right) & Dr Gladys Cheing (second from right) receiving the congratulations of other colleagues

The President's Awards for ExcellentPerformance/ Achievement 2009/2010 Faculty/School Awards for Outstanding Performance/Achievement

Research and Scholarly Activity -Dr Marco Pang



Dr Marco Pang (left) receiving his award from Prof George Woo

Teaching (Team) - Prof Cecilia Li, Dr Andrew Tse, Dr Karen Liu, Ms Rebecca Wong and Mr Tang Kin Chun



The team receiving its award from Prof George Woo (third from right)

# Congratulations

Best Paper Presentation Award, the Australasian Society for Ultrasound in Medicine 40th Annual Congress



Miss Sammi Tsui, Physiotherapist I from the Rehabilitation Clinic, received the Best Paper Presentation Award' at the Australasian Society for Ultrasound in Medicine 40th Annual Congress in September 2010

#### Love Ideas Hong Kong Competition Dr Margaret Mak Winning Project:

通心飛躍、柏動全城—柏金遜症社區運動計劃



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## First Prize, Assistive Device Competition



Year 3 Occupational Thenapist students Charles Lau, Teresa Tsui, Ben Wong, and Kristy Yaen won first prize in the Assistive Device Competition organized by the Association for Engineering and Medical Volunteer Services (EMV) in August 2010 with their "Hace" device - a simple tool to help hemiplegic people to tie their shoelaces with one hand. The winning team are pictured here with Mr Chan Fan, the Deputy Director of the Electrical and Mechanical Services Department, Hong Kong

## Third Prize, Assistive Device Competition



Year 3 OT student Ms Tsoi Yin Ni representing her teammates, Deng Xia, Wang Yicuan, Wong Wäng Shan and Wong Wai Shan, to receive the third prize. Their winning product is the 'E-drinker'

## Certificate of Merit, Assistive Device Competition



A group of Year 3 OT students, Chan Tsz Ya, Cha Wa Ho, Ho Yaen Ting, Ng Tsz Yan and Yang Yi Ling, won a certificate of merit for their product, the "Pump-pamp drug"

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