

Innovations realized through PolyU Micro Fund Scheme

理大微型基金 成就創業夢想

In 2011, "PolyU Micro Fund" Scheme was launched with an aim to provide seed funding for students and alumni in support of their pursuit of entrepreneurial venturing. In 2013, under the Entrepreneurship Stream of the Scheme, 19 innovations, ranging from commercial software applications, product designs to cultural education, animation and digital games, were selected for seed funding. Among them are the following four innovative projects:

理大於二零一一年成立「微型基金計劃」，旨在為學生和校友提供創業種子基金，以支持他們創立個人事業。二零一三年度「理大微型基金計劃」的創業組中，獲資助項目共十九項，包括商業軟件應用、產品設計、文化教育、動畫／數碼遊戲製作等。以下是其中四個創新項目：



SafeArrival is a school bus monitoring system specially designed for cross-boundary students. It is equipped with a SafeArrival Kit which adopts GPS, RFID and GPRS technologies.

SafeArrival 是一套安裝在校巴上的儀器，它運用了全球衛星定位系統(GPS)、無線射頻識別技術(RFID)及流動數據服務(GPRS)科技，特別為跨境上學的學童而設計。



Smart Window Display System is a large transparent interactive display showing details of shopping items, integrating motion sensing and near field communication technology.

Smart Window Display System 運用感應器及近距離無線通訊技術，把產品資訊投射在互動透明櫥窗上。



Portable Device Kit for Orthotic Insole Fabrication

is designed for professional orthotists to provide convenient outreach examination services for patients, and fabricate customized orthotic insoles within a short time.

便攜式矯形鞋墊工具有助專業足部矯形師提供外展服務，並為病人在短時間內製作矯形鞋墊。



Family Cube is an interactive device that can strengthen intergenerational communication within the family. It consists of a physical cube and a smartphone app.

愛回家是一個方便長者與年輕一代溝通互動的裝置，它包含了一個立方體和智能手機應用程式。

The Scheme also has an Innovation Stream which is targeted at students' inventions. Under the theme "Innovation for an Inclusive Society", two awardees in the Innovation Stream coincidentally developed applications to facilitate wheelchair users to reach out to the community. One is a mobile app **WheelMan** that offers up-to-date information on barrier-free facilities in shopping malls and restaurants. Another is a digital map **DMap** which provides specific barrier-free route information to assist the physically disabled to travel with ease.

此計劃亦設創新組，以學生為主要對象。創新組的主題為「以創意促進社會共融」，該組別的兩位得獎者不約而同為輪椅使用者設計應用產品，有助他們融入社會。其中，名為 **WheelMan** 的無障礙資訊手機應用程式，能夠標示商場和餐廳的資訊及無障礙指數。另外，無障礙地圖網站 **DMap** 可在路線搜尋中建議無障礙途徑，讓輪椅使用者輕鬆到達目的地。

