

# 2022 Global Student Innovation Challenge Rehabilitation Engineering and Assistive Technology (REAT) Taiwan



## GOLD

### SWALLOWCARE

S.K (臺北教育大學)

## SILVER

### Putong

KanKan (臺北教育大學)

## BRONZE

### Peripheral The future of Walking Navigation and Tangible Interface

IX Lab (臺北醫學大學 / 交通大學 /  
西北大學 / 麻省大學)

## MERIT

### eCare-app for care center communicate effectively

Beca family (臺北教育大學)

### SMOOTH SLEEP

BAKU (臺北醫學大學)

## Best Presentation

### Smart Posture Corrector

Head up(仁德醫護管理專科)

## Best Prototype

### Tissue Repairing Mouse Pad

E-Pad (臺北醫學大學)

## Best Ergonomic

### Mask Printer

OMNI (臺北教育大學)



# gSIC

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## GOLD

DVC 3.1

Speak for dysarthria (陽明大學)



## SILVER

Near-infrared Spectroscopy in Sarcopenia during rehabilitation

NIRSafe (成功大學)

## BRONZE

The smart kettlebell flips your life / A portable  
physical assessment and exercise training kit

W.J. (長庚大學)

## MERIT

Using deep learning-based pose estimation technology  
to develop a novel rehabilitation evaluation system

CGU CSIE-OT (長庚大學)

<FootHow> for diabetes foot care

DMolution (長庚大學)

## Best Presentation

Wearable Exoskeleton for Knuckle Muscle  
Rehabilitation

KMSTU (高雄醫學大學)

## Best Prototype

Customized Hand Exoskeleton Rehabilitation Device

Exo Rehab (中原大學)

## Best Ergonomic

Movement coordination trainer for trunk correction

Liong Good (仁德醫護管理專科)



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