

INTERNATIONAL  
DESIGN  
EXCELLENCE  
AWARDS

**美國國際設計傑出獎**

**International Design Excellence Awards (IDEA)**



## 競賽介紹 (2024 比賽資訊)



### 競賽說明

美國國際設計傑出獎 (IDEA) 自1980年迄今已有40多年歷史，作為全球最有影響力的工業設計競賽之一，旨在提高企業及大眾對於工業設計的認識，提升使用者的生活品質，也期望達到增進經濟效應的目的。IDEA表彰展示來自世界各國工業設計的優秀作品，讓所有人理解傑出工業設計對於生活和經濟的正面影響。IDEA特別著重設計的原創概念及人文關懷，被視為難度最高的設計比賽。



## 競賽介紹 (2024 比賽資訊)



### 參賽資格

世界各地之設計工作者皆可參加。

- \* 同件作品可以提交到多種類別下同時參賽，但要分別報名和計費。（同件作品不會同時獲得多種類別的獎項。）
- \* 去年參賽但未獲金、銀、銅獎之作品，如符合今年度之參賽要求，仍可報名。
- \* 學生類別只限學生可以報名，若學生希望以專業者身份被評選，則需繳交專業組參賽費用。
- \* 專業類作品須在2022年03月01日至2024年03月01日之間上市銷售。
- \* 專業類設計概念須於2022年03月01日至2024年03月01日完成。
- \* 學生類作品須為2022年03月01日至2024年03月01日繳交至學校。



## 競賽介紹 (2024 比賽資訊)



### 參賽類別

1.汽車與運輸、2.品牌識別、3.兒童產品、4.商用與工業產品、5.概念和推測性設計、6.消費電子產品 (包含娛樂產品)、7.設計策略、8.數位互動、9.環境、10.傢俱及照明 (包含室外傢俱)、11.居家用品 (包含廚具與衛浴設備)、12.生活穿搭及配飾、13.醫療及健康、14.辦公用品、15.戶外及園藝、16.包裝、17.服務設計、18.社會影響力設計、19.運動和休閒及娛樂、20.學生

\* 2021年新增「概念和推測性設計類別」，專業概念設計參賽作品必須提交至此類別。「概念」在此定義為無法向公眾購買或尚未開發到有形生產和分銷點的產品、服務或體驗。概念作品在本質上也可能是推測性的，可能包括尚不存在的技術或功能。

\* 學生類別：在大學學生課程中創造的任何實體或數位產品、服務或體驗。



## 競賽介紹 (2024 比賽資訊)



美國國際設計傑出獎  
International Design Excellence Awards (IDEA)

### 參賽時程

一般報名：2024年01月03日至2024年02月20日23:59 EST (美國東部標準時間)

追加報名：2024年02月21日至2024年03月11日23:59 EST (美國東部標準時間)

入圍通知：2024年04月15日

決選提交作品：2024年04月15日至05月13日23:59 EST (美國東部標準時間)

頒獎典禮：2024年09月

### 參賽費用

	一般	追加	決賽評審費
IDSA會員(專業類)	\$415	\$630	\$575
IDSA會員(學生類)	\$145	\$290	\$150
非會員	\$655	\$895	\$775

\*以上幣值皆為美元 (USD)



## 競賽介紹 (2024 比賽資訊)



### 聯絡方式

電話：703.707.6000.

電子信箱：IDEA@idsa.org

線上詢問：<http://www.idsa.org/contact-us>

地址：IDSA, 555 Grove St., Suite 200, Herndon, VA 2017

### 官方網站

<http://www.idsa.org/idea>



# 2022得獎作品 金獎 Gold



美國國際設計傑出獎  
International Design Excellence Awards (IDEA)



## Routes

/辦公用品/

設計師：  
Luke Pearson and Tom Lloyd of  
PearsonLloyd for Teknion

## Intelligent electromagnetic enamel pot

/居家用品/

設計師：  
Zhuang Lee, Ze Lee, Ming  
Wang, Yangbo Ni, and Yanbin  
Liu for FOSHAN SHUNDE  
MIDEA ELECTRICAL HEATING  
APPLIANCES MFG.Co., Ltd.

## Sonos Global Packaging System

/包裝/

設計師：  
Michelle Enright, Ben  
Blanchard, Jeremiah Etchison,  
IDSA and the Sonos Global  
Packaging Team. Artwork  
created in collaboration with  
Character.

## E-YES Amblyopia Trainer

/學生/

設計師：  
Chien-Chen Lai, S/IDSA, Fang-  
Ping Hsu, and Kai-Chu Li of  
National Taiwan University of  
Science and Technology  
(NTUST)



# 2022得獎作品 銀獎 Silver



**Genesis G90**

/汽車與運輸/

設計師：  
Genesis Design Center for  
Hyundai Motor Company



**Tale-Bot Pro**

/兒童產品/

設計師：  
Jiye Shen, I/IDSA, Beixian Xu,  
Juanyao Li, Jiahu Wang, and  
Chunxu Zhou of Shenzhen  
IU+Design Co., Ltd. for  
Matatalab Co., Ltd.



**instagrid ONE max**

/商用與工業產品/

設計師：  
Felix Fuchs for instagrid  
GmbH



**Rice Husk Village**

/學生/

設計師：  
Subin Cho, S/IDSA of Chung-  
Ang University



# 2022得獎作品 銅獎 Bronze



**UGO Exoskeleton**

/醫療及健康/

設計師：  
Hai Yan, I/IDSA, Tian Wang,  
Qingyu Zhao, Lei Wang, and  
Zhenting Hu for Hangzhou  
RoboCT Technology  
Development Co., Ltd



**Duo Epinephrine Delivery System**

/傢俱及照明/

設計師：  
Dan Harden, IDSA of Whipsaw,  
Inc for Skrolla Living



**Beats Fit Pro**

/運動和休閒及娛樂/

設計師：  
Beats by Dre



**Mitto**

/學生/

設計師：  
Ke Sun, S/IDSA of Pratt Institute,  
Jeffrey Kapec - advisor



# 2022得獎作品 入選 Featured Finalist



**Reading Pal**

/兒童產品/

設計師：  
Center of Industrial Design,  
BOE Technology Group Co.,  
Ltd.



**SLEEP BACK**

/商用與工業產品/

設計師：  
Zheqi Li, Xiumei Ning,  
Lianghong Li, Housheng Chen,  
and Jianwei Zou for GD Midea  
Heating & Ventilating  
Equipment CO, Ltd



**Ostosystem**

/學生/

設計師：  
Liyuan Qiu, Anqi Zhu, Shen  
Liu, Ge Wu, and Yuxin Ye of  
Rochester Institute of  
Technology



**Mitto**

/學生/

設計師：  
Ke Sun, S/IDSA of Pratt Institute,  
Jeffrey Kapec - advisor



# 設計戰國策補助作品

Gold 金獎



**HanDo.**  
Make the progress's life better for you and

According to the 2011 World Report on Disability issued by the World Health Organisation, in 2011, there were 1.1 billion disabled people aged between 0-14 years old. HanDo is a prosthesis specifically designed for unilateral below-elbow child amputees aged between 6 and 12 years. Through the modular and flexible design of the based on learning, sports entertainment, and lifestyle, HanDo solves the financial distress arising from the frequent replacement of an artificial prosthesis. It solves the most frequently encountered problems of the amputee children's family is:

**Pain points /**

- Require replacement of a prosthesis due to the rapid growth of children
- Heavy family burden due to frequent replacement
- Affects children's limb development
- Traditional prosthesis using frictional forces

**Aid learning and lifestyle**

**Palm rotation**

**Replacement of the palm kit**

**Driven by rope**

01 / 05

## HanDo

補助年度：108年度 (收錄於2020專輯)

鄭逢甲、高偉銘、李宣諺、彭凱嶸

| 南臺學校財團法人南臺科技大學



# 設計戰國策補助作品

## Silver 銀獎



補助年度：100年度 (收錄於2012專輯)  
2011 IDEA Award

補助年度：103年度 (收錄於2015專輯)  
2014 IDEA Award

補助年度：108年度 (收錄於2020專輯)  
2020 美國國際設計傑出獎

補助年度：108年度 (收錄於2020專輯)  
2020 美國國際設計傑出獎

City Context bin is operated by a magnetic card. It's easily managed by collectors and less likely to be knocked over by pedestrians or animals.

City Context street lamp is solar-powered to reduce energy waste.

City Context bin is operated by a magnetic card. It's easily managed by collectors and less likely to be knocked over by pedestrians or animals.

### 城市脈絡 City Context

陳頌榮、李岱旻、羅立德、蔡承育、徐宗暉

| 實踐大學 工業產品設計所

**Challenge**  
Hundreds of thousands of children across the world die from preventable diseases like influenza and diarrhea. Daily 200 washing hands with an antibacterial soap significantly reduces the risk of getting infected. Children understand the importance of washing hands so that they cannot develop the habit of washing hands. The rate of hand washing in the world is only 3% to 30%. Therefore, the hope of hand washing is an issue to be addressed.

**Concept**  
For children love to play with stamps. Cleanser Stamp is a design which combines hand cleaner and animal shaped stamps to create a new stamp wash hands. Children stamp the footprint cleaner on the hand which reminds them to wash hands. The design attracts children to interact more actively with the product.

**Before Being and Unattractive. After Fun and Attractive.**

**How to use**  
1. Stamp the footprint stamps with the cleanser.  
2. Wash the footprint stamps with the cleanser.  
3. Wash away the cleanser and have clean hands.

**Material & Structure**  
Refill cleanser: Refill cleanser is soft and more solid when operate the product.  
Soft Body: The soft plastic is relatively safer for children. It's better to grip and more solid when operate the product.  
Stamp: Higher density, flexible, wearable and durable. With 99.9% natural antibacterial effect, no chemical cleaning agents, fragrance and harmful substances.  
Cap: The portable form makes hand use more convenient when going outdoors.

### 蓋淨章 Cleanser Stamp

施昌杞、馮睦淳、權致賢

| 國立臺灣科技大學 工商業設計系碩士班

**Design background**  
According to the World Health Organization, around 6 to 8 percent of children have delay development in fine motor skill. In addition, with the increasing awareness regarding medical care, parents have been paying more attention to their child's development, and fine motor skill development has become a focus of parents. Unfortunately, products that satisfy children and parents' needs are quite rare.

**Fine motor skill**  
Fine motor skill is a significant function, and it is closely associated with various aspects of the child's development. If the motor skill can't fully develop, it will influence children's movement, education quality, and even mental development.

**Pain Point**

- Most people rely only on the treatment received at hospitals, so the train-up time is far less than what is needed.
- Training at home is commonly accepted to call a lifestyle and associate with their daily life. Therefore, the parents and child area are scarce.
- Therapists can only rely on the information provided by parents to understand how children exercise at home.

### T<sup>3</sup> Monster - A Set of Hand Training Teaching Aids

王映捷、曾郁玲、劉涵灝、趙玟瑄

| 南臺科技大學

**PREFACE**  
The Logitech MX Vertical mouse is designed to reduce the risk of repetitive strain injuries (RSI) by supporting a more natural, vertical hand position. It features a unique ergonomic design that allows the hand to rest in a more relaxed, upright position, reducing the strain on the wrist and forearm.

**ANALYSIS OF WIND FORCE**  
The Logitech MX Vertical mouse is designed to withstand high wind speeds and maintain stability. It features a unique aerodynamic design that allows the mouse to resist being blown away by strong winds.

**TECHNICAL**  
The Logitech MX Vertical mouse is designed to provide a comfortable and ergonomic experience. It features a unique ergonomic design that allows the hand to rest in a more relaxed, upright position, reducing the strain on the wrist and forearm.

### Logitech MX Vertical

葉芷婷、馬朗文

| 國立臺灣科技大學



# 設計戰國策補助作品

銀獎 Silver



補助年度：108年度 (收錄於2020專輯)

2020 美國國際設計傑出獎

**Visual Land**  
Digital attention training aids for children

"Visual Land" incorporates visual tracking and scanned eye movements, as well as the training objectives of visual perception devices. Land is visual discrimination and visual spatial area. Different games, the training objectives of the game are divided into three categories: graphic identification, numerical calculation, and language learning. Using fairy tales as the theme, "Visual Land" can promote the interest of children in the learning. Simultaneously, the training data are presented graphically to help parents understand the progress of their child. In addition, via cloud transmission, the therapist can review the current training achievements and adjust his/her training scheme accordingly.

Pain Points	Solutions
<ul style="list-style-type: none"> <li>One's treatment time with limited effect.</li> </ul>	<ul style="list-style-type: none"> <li>Make good use of children's leisure time at home to improve the treatment frequency.</li> </ul>
<ul style="list-style-type: none"> <li>Complicated in difficulty adjustment.</li> </ul>	<ul style="list-style-type: none"> <li>Each fairy tales are designed in the form of cartoon books. The difficulty will increase gradually in every story.</li> </ul>
<ul style="list-style-type: none"> <li>No info. of parents about the exact progress the child has made.</li> </ul>	<ul style="list-style-type: none"> <li>The app is generated gradually to help parents and the therapist understand the progress of children.</li> </ul>
<ul style="list-style-type: none"> <li>Effectively using a wide variety of content provided by third-party relevant methods.</li> </ul>	<ul style="list-style-type: none"> <li>Respectfully using technology to integrate virtual objects to achieve a virtual-real life action during digital training.</li> </ul>

## Visual Land

謝秧蓁、吳培義、王家宏、朱宜潔



# 設計戰國策補助作品 銅獎 Bronze



補助年度：104年度 (收錄於2016專輯)

2015 IDEA Award

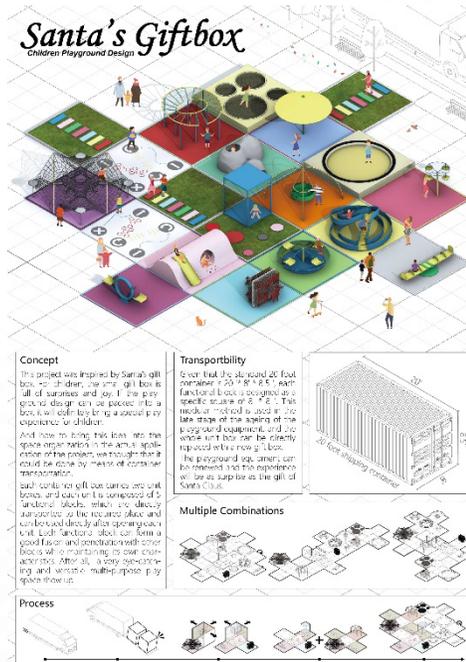


尿袋隱藏褲  
U-pants

楊博荏

補助年度：108年度 (收錄於2020專輯)

2020 美國國際設計傑出獎



Santa's Giftbox

許禕洋、葉芷婷、吳睿文

補助年度：110年度 (收錄於2022專輯)

2021 美國國際設計傑出獎



GO WALK 犬隻生活行動輔具  
GO WALK

歐淑青、陳旭崴、邵映慈、許瀞心



# 設計戰國策補助作品

## 入選 Featured Finalist



補助年度：99年度 (收錄於2011專輯)  
2010 IDEA Award

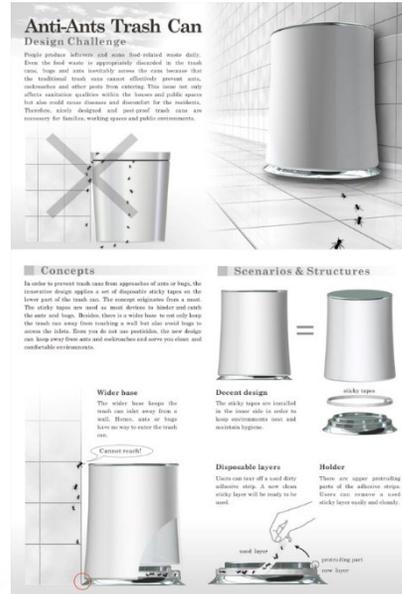
補助年度：100年度 (收錄於2012專輯)  
2011 IDEA Award

補助年度：100年度 (收錄於2012專輯)  
2011 IDEA Award

補助年度：103年度 (收錄於2015專輯)  
2014 美國國際設計傑出獎



易倒罐  
In Out Bottle  
葉鑫、陳彥廷



防蟲垃圾桶  
Anti-Ants Trash Can  
張書瑄



Can-Ring-Push  
張凱強



燈光提示點滴架  
E-Drip Stand  
黃禦彰、李胤愷、王思馨



# 設計戰國策補助作品

## 入選 Featured Finalist

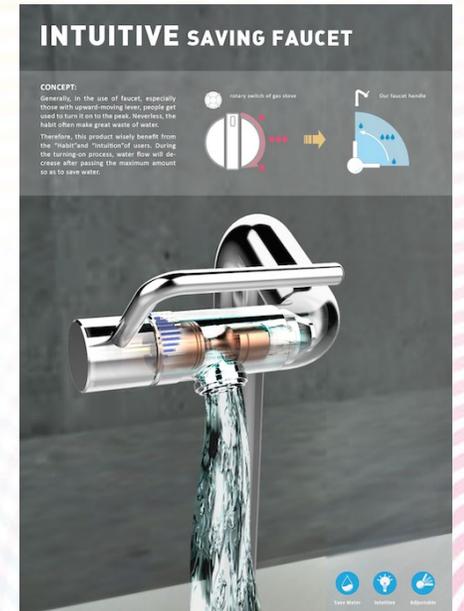


補助年度：103年度 (收錄於2015專輯)  
2014 美國國際設計傑出獎

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2014 美國國際設計傑出獎



夾式圖釘  
Easy Pin  
李胤愷、王思馨

簡易奶球  
Simple Cream  
黃挺睿、蔡育真、王滙懷、沈欣蓉

舌觸式懸浮觸控筆  
Touch and go  
李宗懋、陳詩豪

Intuitive Saving Faucet  
韓禹廷、曾子源、戴佳琪、  
葉柏彥、洪佳豪



# 設計戰國策補助作品

## 入選 Featured Finalist

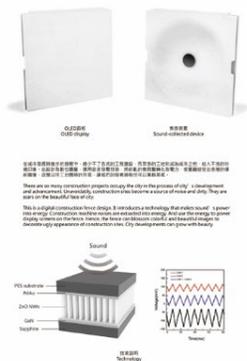
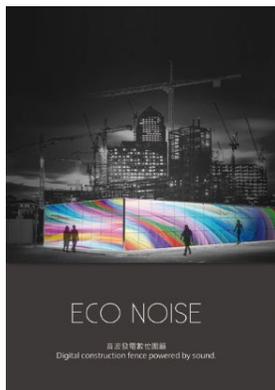


補助年度：103年度 (收錄於2015專輯)  
2014 美國國際設計傑出獎

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2014 美國國際設計傑出獎

補助年度：104年度 (收錄於2016專輯)  
2015 美國國際設計傑出獎



果醬刮刀  
Jam helper

城市微光  
ECO NOISE

鬼魂空氣清淨機  
The House Is Not Clean

第三隻眼  
The Third Eyes

陳奎源、鐘國廷、賴人家、陳盈杉、蔡承育

林灝廷、許俊偉、陳頌榮、李岱旻、羅立德

陳俊甫 | 樹德科技大學 生活產品設計系 碩士在職專班

王文聖 | 嶺東科技大學 創意產品設計系碩士班