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計畫業務組 擬辦：

- 一、文陳閱後，公告於電子公佈欄、本組、本處及本校最新消息，並e-mail副知全校教師知照。
- 二、文存。

會辦單位：

第二層決行		
承辦單位	會辦單位	決行
行政組員張譯云09081512		代為決行
副教授李思禹09081628		教授兼研究發展處長洪慧芝09081628

國立中興大學



研究發展處 1060015836

檔 號：

保存年限：

科技部 書函

機關地址：台北市和平東路二段106號
聯絡人：林孟青 科員
電話：02-2737-8076
傳真：02-2737-7566
電子信箱：mclin@most.gov.tw

受文者：國立中興大學

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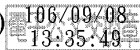
附件：如文（106D2023297.DOC，106D2023298.DOCX，106D2023299.DOC，106D2023300.DOC，106D2023301.DOC，106D2023302.DOCX，106D2023303.DOCX，106D2023304.DOC）（GSSATTCH1 A09550000Q0000000_106D2023297.DOC、GSSATTCH2 A09550000Q0000000_106D2023298.DOCX、GSSATTCH3 A09550000Q0000000_106D2023299.DOC、GSSATTCH4 A09550000Q0000000_106D2023300.DOC、GSSATTCH5 A09550000Q0000000_106D2023301.DOC、GSSATTCH6 A09550000Q0000000_106D2023302.DOCX、GSSATTCH7 A09550000Q0000000_106D2023303.DOCX、GSSATTCH8 A09550000Q0000000_106D2023304.DOC）

主旨：檢送修正後「106年度本部傑出研究獎-學術司專用申請表格」1份，請查照轉知。

說明：本部106年8月8日科部綜字第1060060131B號函諒達。

正本：專題研究計畫受補助單位（共303單位）

副本：本部綜合規劃司、自然司、工程司、生科司、人文司、科教國合司、產學園區司(均含附件)



科技部



國立中興大學

A09550000Q0000000_106J0S044415-1060908132708.d第1頁，共26頁

線上簽核文件列印 - 第2頁/共22頁



1060015836 106/9/8

科技部傑出研究獎申請表

Ministry of Science and Technology

Application Form for Outstanding Research Award (ORA)

106.07.04 製表

Update 4 July 2017

一、基本資料

申請條碼：

(General Information)

(Application Number)

申請機構/系所(單位)					
Institution/Department					
申請人中文姓名		職 稱		身分證號碼	
Name		Position		(ID Number)	
申請類別 (Category)	☐ 基礎研究類(Fundamental Research) ☐ 應用研究類(Applied Research)				
歸屬領域 (Research Field)	☐ 自然科學(Natural Sciences and Sustainable Development) ☐ 工程(Engineering and Technologies) ☐ 生命科學(Life Sciences) ☐ 人文社會(Humanities and Social Sciences) ☐ 科學教育(Science Education)				
學術門類 (Academic Discipline) (See attached list of academic disciplines and areas of expertise)	代碼 (Discipline Code)	名稱 (Name)			
是否曾獲傑出研究獎 (ORA Awardee)	☐ 是(Yes)，獲獎年度(Year)_____ ☐ 否(No)				

表 C701(Form C701)

申請人簽章：_____

(Signature of Applicant)

日期：_____

(Date)

Ministry of Science and Technology

Application Form for Outstanding Research Award (ORA)

(Research Field: Natural Sciences and Sustainable Development)

27 July 2017

II. Major achievements and contributions (limited to a size of less than 5 pages)

- i. All the application material submitted is limited to the recent 5 years (from August 2012 to July 2017).
- ii. List no more than 5 most important publications. State their impacts to academic/ applied research development. (For each of listed publications with 2 or more corresponding authors, a copy of signed Table 1 is required.)
- iii. List awards or honors received, plenary or invited speeches given in international conferences, positions or services (e.g. supervisors, council members, journal editors, review panelists, etc.) performed in international, eminent academic/ applied-research organizations or associations.

iv. Fundamental research:

Other than the listed publications above, itemize and describe academic tasks or research achievements that have been a significant influence on academics, society, or economy.

v. Applied research:

Itemize and describe innovations, domestic/ international patents, technology transfers, or research achievements, mainly contributed by the applicant. Describe their significance on solving any problems in industry, business, society or economy.

III. Curriculum vitae and publication list

Fundamental research / Applied research: Please list all works in descending chronological order, mark any corresponding author with an asterisk (*), and list number of citations based on the *Journal Citation Reports* 2016.

IV. Patent and technology transfer list

Applied research:

	Technology	Month/Year	Manufacturer/ Country	Usage 1. Patent 2. Technology transfer 3. Industry-university cooperation 4. Industry alliance 5. Startups	Supporting information
1		/	/		
2		/	/		
3		/	/		
4		/	/		
5		/	/		
6		/	/		

7		/	/		
8		/	/		
9		/	/		
10		/	/		

Notes:

- i) **All the application material submitted is limited to the recent 5 years (from August 2012 to July 2017).**
- ii) With proper written proof(s), applicants who took maternity leave or medical leave due to pregnancy in the recent 5 years may include works and papers published from **August 2012 to July 2017**.
- iii) For those who formerly received Outstanding Research Award to apply for the Award this year, only the application material beyond the last award-receiving year will be considered.
- iv) Application material should be written in English and use 12pt Times New Roman, single-spaced type, and A4-size page.



Table 1

Corresponding Authorship Certificate of Major Publication for the Outstanding Research Award (ORA) Ministry of Science and Technology			
Publication Title			Published Date
Corresponding Author(s)'s Name(s)	Description of Contribution or Parts Completed by the ORA Applicant	Proportion of Contribution by the ORA Applicant	Corresponding Author(s)'s Signature(s)
Applicant Signature:		Date:	

1. This form should be filled in English.
2. A separate form is required for each publication.

At least three corresponding authors' signatures are required for each publication with more than three corresponding authors.

Form C702-M

科技部工程司傑出研究獎申請人近五年成果績效表

姓名： 職稱：

服務單位：

★申請人自評近五年之研究成果比重(兩項合為 100%)：

基礎研究：_____%、應用研究：_____%

一、研究成果的創新及突破。簡述最具代表性之學術著作在學理創新或應用技術的突破與貢獻；明顯且持續性提升我國在該領域之國際學術地位、能見度與影響力。

二、研究成果對工程領域之重要貢獻。1. 基礎研究方面：含(1)已發表之重要期刊論文、書籍、重要國際會議論文之質與量及其成果被引用情形(外引率)，陳述並佐證在學門、領域內領先的程度；(2)研究成果成為一新的學理，引領研究方向。2. 應用研究方面：含(1)對我國產業價值或競爭力具貢獻或影響；(2)智慧財產應用績效及轉化為產業使用情形；(3)對經濟、社會、民生等重大貢獻。

三、國內外之獎項、成就及榮譽。獲得國內外重要獎項及榮譽、國際研討會邀請專題演講或規劃委員、國際領導期刊編輯、國際重要委員會之委員或理監事等(請註明名稱及日期)；獲得國內外重要應用研究獎項或榮譽(請註明名稱及日期)、開發之系統或技術被廣泛應用(須有具體事證及績效佐證)。

四、在研究團隊建立、人才培育及服務方面的重要貢獻及成就。前瞻研究或技術團隊養成、人才培育貢獻、指導學生曾獲之獎項、特出表現或就業狀況及各類服務、教學貢獻實績等。

(以上四項內容請勿超過五頁，且以近五年內成果為限)

五、其他可納入傑出研究獎遴選考量之具體成就。1. 近五年內(至當年9月底止)已發表之重要期刊論文、書籍、重要國際會議論文情形(至多5篇，各篇重要著作如有共同作者，請分別填寫附表一：合著證明)；2. 近五年研發成果智慧財產權及其應用績效之名稱、說明及佐證。例如技術移轉授權、產學合作計畫案(前2項以經由執行機構簽約者為限)、獲國內外專利件數及其他有助於產業發展之具體績效或實績；相關成果呈現如附表二。

附表一

科技部工程司傑出研究獎申請人已發表近五年重要著作 合著證明						
著作名稱					出版時間	
傑出獎申請人完成部分或貢獻說明	貢獻度所佔比例：		%			
共同作者親自簽名	1		2		3	
申請人簽名：_____ 中華民國 年 月 日						

1. 各篇重要著作如有共同作者，請分別填寫本合著證明
2. 共同作者須親自簽名，共同作者如超過三人，應至少有三位共同作者代表簽名。若共同作者若為外籍人士，本表得以外文撰寫。

The important published works of the past five years by the applicant to the Outstanding Research Award of Department of Engineering and Technologies, Ministry of Science Technology Co-author Certificate						
Publication					Date	
Contribution explanation or parts completed by Outstanding Award applicant	Contribution Proportion :		%			
 Co-author signature	1		2		3	
	Applicant signature:					Date:

附表二

(一)近五年內(至當年9月底止)已發表之重要期刊論文、書籍、重要國際會議論文情形

論文資料：請依發表時間之先後順序填寫，內容依序包括作者姓名(依原出版順序，主要作者請加註*)、題目、期刊名稱、卷數、起訖頁數及出版年，並註明是否為SCI或SSCI期刊(如為SCI/SSCI論文請加註該期刊所屬研究領域 ¹⁾)。		SCI/SSCI Rank N / M
1		/
2		/
3		/
4		/
5		/

註：1.SCI/SSCI 論文所屬研究領域，請參照 ISI Essential Science Indicator 之劃分。

2.SCI/SSCI Rank：N 為期刊在所屬研究領域之 Impact Factor 排序名(Impact Factor 以 2016 年 ISI 資料庫之資料為準)；M 為該期刊所屬研究領域之總期刊數。

3.Cited Number (SCI、SSCI 論文被引用次數) 統計期間截至當年9月。該資料可透過 Web of Science 會員，利用網路資料庫查詢。Web of Science 會員名單請詳參下列網頁：
<http://www.stpi.narl.org.tw/>，或至相關單位檢索光碟資料。

(二)技術移轉授權(含專利及著作授權)



合約編號	合約名稱	授權對象	合約生效日期	近五年(至當年9月底止)累計已實現收入金額 (新台幣仟元)

(三)產學合作

項次	合約編號	產學計畫名稱	企業名稱	合約生效日期	近五年(至當年9月底止)累計已實現收入金額(新台幣仟元)

(四)專利

項次	專利名稱	專利國別	專利證號	專利起訖日

*填表注意事項：

- 1.技術移轉授權、產學合作之金額，請分別確實填列。
- 2.合約生效日期可在5年之前，但須以執行機構近5年(至當年9月底止)已實際收到金額為限。
- 3.累計已實現收入以開立收(領)據為認列依據，請提供收帳單位之收(領)據以資佐證。

研發成果管理運用單位：_____ (請簽章) 申請人：_____ (請簽名)

Ministry of Science and Technology

Application Form for Outstanding Research Award (ORA)

(Research Field : Life Sciences)

Update 4 Sep. 2017

II. Major achievements and contributions (No more than 5 pages)

- i. **Fundamental Research:** Summarize academic works or research achievements mainly contributed by the applicant. Describe their significance on academics. As for interdisciplinary research, please also list major publications and state their significance and impacts on related fields.
- ii. **Applied Research:** Summarize valid patents, technology transfers, or research achievements mainly contributed by the applicant. Describe their impacts on society or economy.



Other supporting materials

Awards or honors received, plenary or invited speeches given in international conferences, positions or services performed in international, eminent academic organizations or associations, e.g. supervisor, council member or journal editor.



IV. Curriculum Vitae and publication list

Please list all works in descending chronological order, mark any corresponding author with an asterisk (*), and list number of citations based on the *Journal Citation Reports* 2016.

Notes:

- i) **All the application material submitted is limited to the recent 5 years (from August 2012 to July 2017).**
- ii) With proper written proof(s), applicants who took maternity leave or medical leave due to pregnancy in the recent 5 years may include works and papers published from **August 2010 to July 2017**.
- iii) For those who formerly received Outstanding Research Award to apply for the Award this year, only the application material beyond the last award-receiving year will be considered.
- iv) Application material should use 12pt Times New Roman, single-spaced type, and A4 size page.

Form C702-B

V. Five most important achievements in Taiwan within five years (Aug 1, 2012 ~ July 31, 2017)

- Please choose five most important publications **conducted and completed in Taiwan** within five years. The candidate has to be the first author or corresponding author of the five publications.
- If there's any coauthor in any of the five publications, please separately fill in the Certificate of Co-Authorship of Publication as Annex 1.
- Order/Field : For example, if the publication ranks 6th in a total of 60 magazines in its category, it is noted as "6/60" (Please refer to the information using 2016 JCR database).
- Enumerate the contributions to improve social, economic and livelihood made by the research results.

Table I. Publication list

No.	Publication Information Please fill in the information of every publication in descending chronological order, the information needed for every publication are: Author(s) (same order as the published article), Title, Journal Name, Volume, Pages, and Date of Publication.	Order/Field	Total number of citations	
			Others' citation	* Self-citation
1				
2				
3				
4				
5				

* Self-cited number: applicant's name appearing on the authors of the publication

Table II. Patent and technology transfer list

No.	Technology	Month/Year	Manufacturer/ Country	Usage 1. Patent 2. Technology transfer 3. Industry-university cooperation 4. Industry alliance 5. Startups	Supporting information
1					
2					
3					

4					
5					



VI. Please attach the following documents in PDF files and upload them with the above documents.

(The uploaded documents size shall not exceed 10MB in total)

1. Five most important publications in full text which are done in Taiwan in recent five years **(Aug 1, 2012~ July 31, 2017)**
2. The original search information of the number of citations of the above publications (please do compress and simplify the contents of the files in case of overcapacity)
3. Please provide patent certificates and technology transfer agreements



Annex 1(附表一)

Certificate of Co-Authorship of Publication 【Five most important publications conducted in Taiwan in recent five years (Aug 1, 2012 to July 31, 2017)】							
Title of Publication			Date of Publication			Contribution Percentage	%
Explanation of contribution of the applicant							
Coauthors' Signatures	1		2		3		
	4		5		6		
Signature of the Applicant :				Date (DD/MM/YY):			

1. If any of the papers has coauthors, please fill in the Certificate of Co-Authorship of Publication separately.
2. All coauthors need to sign this Certificate of Co-Authorship of Publication. In case that the coauthor is a foreigner, he/she can be waived to sign this form.

生科司傑出獎專屬表格填寫注意事項:

(修訂：106 年 9 月 4 日)

1. 專屬表格資料皆以英文填寫。
2. 學門歸屬一欄，請填寫申請人近三年執行之專題計畫所屬學門(詳見附件)。若僅執行國家型科技計畫或專案者，則依所執行計畫之研究屬性選填。
3. 申請人近五年曾獲傑出研究獎者，以獲獎年度後之研究成果及主要貢獻度為審查評分項目。
 已獲獎肯定之論文成果不宜再重複提出傑出獎申請 (例如:獲 103 年度傑出獎者若申請 106 年度傑出獎時，僅能提供 103/8/1 以後之論文成果，作為審查資料)。
4. 所附五篇最具代表性研究成果論文，各篇成果論文如有共同作者，請分別填寫合著證明(專屬表格中之附表一)。

5. 傑出研究獎申請書及補充資料表經提送至本部，內容無法再修正或進行抽換，敬請見諒！
6. 論文相關資訊查詢請以 JCR 網路版(2016 年)資料為準。

附件

生科司學門歸屬表

學門	Academic Discipline
B30A001-植物保護 土壤及環保	B30A001- Plant Protection, Environmental Protection, and Soil Science
B30A002-森林水保及生工生機	B30A002- Forestry, Water Conservation, Bioenvironmental and Bio-industrial Engineering
B30A003-生物多樣性	B30A003- Biodiversity
B30B001-農藝、園藝及農化	B30B001- Agronomy, Horticulture and Agricultural Chemistry
B30B003-漁業、水產	B30B003- Fishery, Aquaculture
B30B004-畜牧、獸醫及實驗動物	B30B004-Animal Science, Veterinary Medicine, and Laboratory Animals
B20A001-基礎生物	B20A001- Biology
B20A002-生物化學及分子生物	B20A002- Biological Biochemistry and Molecular Biology
B10A001-生理	B10A001- Physiology
B10A002-細胞生物及解剖	B10A002- Cell Biology and Anatomy
B10A003-病理及法醫	B10A003- Pathology and Forensic Medicine
B10B001-藥理及毒理	B10B001- Pharmacology and Toxicology
B10B002-醫學生化及分子生物	B10B002- Medical Biochemistry and Molecular Biology
B10C001-微生物免疫	B10C001- Microbiology and Immunology
B10C002-寄生蟲及醫技與實驗診斷	B10C002- Parasitology, Medical Technology, and Clinical Pathology
B10D001-藥學	B10D001- Pharmacy
B10D002-中醫藥學	B10D002- Chinese Medicine
B10E001-食品科學	B10E001- Food Science
B10E002-營養保健	B10E002- Nutritional Medicine
B10F001-公衛及環境醫學	B10F001- Public Health and Environmental Medicine
學門	Academic Discipline

B10F002-精神醫學、老人醫學及家庭醫學	B10F002- Psychiatry, Gerontology/Geriatrics, and Family Medicine
B10F003-護理	B10F003-Nursing
B10G001-醫工、骨科、幹細胞	B10G001- Medical Engineering, Orthopedics, Stem Cell
B10G002-牙醫	B10G002- Dentistry
B10G003-放射核醫	B10G003- Radiology and Nuclear Medicine
B10G004-復健	B10G004- Physical therapy and Rehabilitation
B10H001-肝膽、胃腸	B10H001-Hepatology, Gastrointestinal Medicine
B10H002-消化外科	B10H002- Gastroenterological Surgery
B10K001-心臟血管內科	B10K001- Cardiology
B10K002-心臟血管外科	B10K002- Cardiovascular Surgery
B10M001-胸腔內科	B10M001- Chest
B10M002-胸腔外科	B10M002- Chest Surgery
B10N001-神經內科	B10N001- Neurology
B10N002-神經外科	B10N002- Neurosurgery
B10N003-麻醉	B10N003- Anesthesiology
B10P001-婦產	B10P001- Obstetrics & Gynecology
B10P002-小兒科	B10P002- Pediatric medicine
B10Q001-血液	B10Q001- Hematology
B10Q002-腫瘤	B10Q002- Hematological Oncology
B10Q003-風濕免疫	B10Q003- Rheumatology
B10Q004-感染	B10Q004- Infectious Disease
B10R001-腎臟	B10R001- Renal Physiology & Nephrology
B10R002-泌尿	B10R002- Urology
B10R003-新陳代謝及內分泌	B10R003- Metabolism and Endocrinology
B10S001-眼	B10S001- Ophthalmology
B10S002-耳鼻喉	B10S002- Otolaryngology(ENT)
B10S003-皮膚	B10S003- Dermatology
B10S004-整形外科/ 乳房外科	B10S004- Plastic Surgery/ Breast Surgery

人文司傑出研究獎申請人須知(中文版)

一、注意事項

- (一)傑出研究獎申請截止日前5年內之代表性研究成果(可含實作成果)得上傳1~5篇(本、件、項)，另請就所列近5年著作目錄表(C302)，作系統性精要描述其研究成果之學術價值與重要貢獻，以作為評量參考依據。
- (二)人文司傑出研究獎申請人研究績效表，得就中、英文版擇一填寫(如附表)。

二、各類別內涵

- (一) 基礎研究類：研究成果以突破科學問題為主，並具備下列條件之一者：
 - 1. 研究成果具學術原創性或具重要學術價值。
 - 2. 研究成果具學理創新性，對學術發展有重大影響及貢獻。
- (二) 應用研究類：研究成果以解決實務問題為主，對經濟、社會、民生福祉、環境永續、產業效益等具前瞻科技創新，改善人類生活之知識與技術，具有重大貢獻及有具體事實者。



附表**人文司傑出研究獎申請人研究績效表**

* 本表為評量主持人研究績效之依據，敬請詳實填寫；主持人亦應同時更新本部學術研發服務網之個人資料表。

* 本表內容以 5 頁為限（字型大小 12，標準字元間距，單行間距）。

一、請就所列近 5 年著作目錄表(C302)及代表性研究成果（可含實作成果）作系統性精要描述其學術研究價值與重要貢獻。

二、個人近 5 年對人才培育、研究團隊及學術社群之建立與服務，以及對國家、社會、經濟發展之重要貢獻。



三、其他資料(請列出以下各項之名稱及日期：申請截止日前 5 年內獲獎情形、國內外邀請演講、擔任國際重要學術學會理監事或國際知名學術期刊編輯委員等)

Guidance Notes for Outstanding Research Awards (Research Fields : Humanities and Social Sciences)

I 、Notes :

- A. Upload between 1-5 of your representative research achievements (practical works included) achieved in the recent 5 years before the deadline of the application of this award. Fill in the form of research achievements in the recent 5 years (C302) and summarize systematically the academic value and contributions of your research, which will be the references for the evaluation of this award.
- B. The applicant can choose to fill in either the Chinese or English version of the Research Performance Appraisal (please refer to the appendices).

II 、Categories :

A. Fundamental Research

Description: The research achievements should aim at the breakthrough of scientific problems and meet one of the following requirements:

- The research achievements should be academically original or be of great academic value.
- The research achievements should be innovative in academic studies, and they should be influential and have contributions to academic development.

B. Applied Research

Description: The research achievements should be practical in terms of solving problems regarding issues of economy, society, well-being, environmental sustainability, and industrial efficiency in Taiwan. It should also have great contributions to the improvement of knowledge and technology for human life.



Appendix

Research Performance Appraisal of Applicant for Outstanding Research Award (Research Fields : Humanities and Social Sciences)

- * The applicant's research performance will be evaluated by the appraisal of the research achievements. Please fill in the form fully and accurately. The principal investigator should update personal data sheet on the academic research service portal of Ministry of Science and Technology
 - * The application form is limited to 5 pages. (font size: 12pt; single line spacing)
1. Summarize systematically the academic value and contributions of your representative research achievements based on the form of your research achievements in the recent 5 years (C302) (practical works included).
 2. Describe the contributions to the development of young scholars, establishment and service for the research team and academic community, as well as the major contributions to our country, society, and economic development in the recent 5 years.
 3. Other supporting materials
(Awards or honors received, plenary or invited talks given at international conferences, positions or services performed in international, eminent academic organizations or associations, e.g. supervisor, council member, journal editor or review panelist.)

