

## 科技部人文司(科學教育領域)傑出研究獎申請須知

- 一、須填寫英文申請書以利國際審查，否則不予送審。
- 二、研究成果請提供近五年內(2015年9月至2020年8月)之資料。於本次申請截止日前五年內曾生產或請育嬰假者，得加填往前延長2年著作資料，並請於本部線上申請系統指定處上傳證明文件。
- 三、如曾為傑出獎得主，請提供最近一次傑出獎後之資料。
- 四、獎勵類別分為基礎研究與應用研究類，申請任一類獎勵均須提供下列所有資料：

(一)近五年內最具代表性著作之貢獻。基礎研究類請著重在學理創

新、在國際學術上之重要性等；應用研究類著重問題解決或技術創新運用等

(二)近五年研究成果對科學教育相關領域實務應用之貢獻。請說明研究成果對社會、經濟、民生之貢獻與影響；例如

1. 對科學教育政策的影響、撰寫政策建議書等
2. 研發工具或教材之數量
3. 開發之課程或所舉辦之活動/競賽
4. 專利/技轉/授權件數與金額
5. 成品/商品銷售總金額及繳交科技部之收益
6. 計畫成果推廣（例如舉辦研討會、工作坊、電子報、網站、影視產品）之次數與參與（閱聽）人數
7. 研究成果影響人數與類別（例如校長、主任、教師、學生、家長、一般大眾等）
8. 社會各界對研究成果肯定與關注程度（例如獲得獎項、媒體報導等）

(三)近五年在人才培育、學術社群服務方面的重要貢獻。

1. 人才培育之具體貢獻：例如
  - (1)培育深具潛力的科學人才（例如奧林匹亞競賽或國際科展得獎者）
  - (2)培育表現優異之科教人才（例如師鐸獎、吳大猷獎、年輕學者獎、科技部優秀年輕學者計畫得主等）
  - (3)培育表現優異之科學普及人才，例如各種文化創作獎項、課程開發獎項、教材製作獎項、創業競賽獎項等。
  - (4)培育各級學生（碩博士生）、教師、研究人員之人數
2. 科學教育相關學術社群貢獻：例如

- (1)近五年內擔任國際學會辦理之學術研討會 plenary speech、keynote speech 等。
- (2)近五年內領導執行之大型、整合型研究計畫或產學合作計畫。
- (3)近五年內在國內外學術社群的服務，如：擔任國內外重要學術學會理監事、國內外知名學術期刊編輯或審查委員等。
- (4)執行國際合作計畫、承辦大型國際學術會議、延攬國際學者等。

**以上資料以 5 頁為限。**

**(四)五年內最具代表性著作資料(最多五項)**

# Ministry of Science and Technology

## Application Form for Outstanding Research Award (ORA)

**(Research Field : Science Education)**

- I.** Summarize the academic contribution of the applicant’s most representative written works during the most recent 5 years. Please describe each representative work’s relevant theoretical advances or practical application in the field of science education, including breakthroughs and contributions.
- II.** Describe the contributions of the applicant’s research to practical applications in the field of science education during the most recent 5 years. Describe the contributions and impact of each of the applicant’s research results on society, the economy, and people’s livelihoods.
- III.** Describe important contributions to talent cultivation and service to the academic community during most recent 5 years.

Items I-III are limited to a total of 5 pages.

- IV.** List the applicant's most representative written works during the most recent 5 years (maximum of 5 works)

No.	Information concerning written works Please fill in the following information for each work, with the most recent works first: Author(s) (please note each author's name and title—such as Prof., Ph.D., M.S., etc.—after each work), year of publication, name of work, journal, volume, and page number; please mark the corresponding author with an asterisk*)	Journal IF	Total number of citations	
			Others’ citations	Self-citations
1				
2				
3				
4				
5				

1. Total number of citations: It is recommended that Scopus, Web of Science (SSCI), or Google Scholar be used; please note the name of the database if some other database has been used.
2. Please fill out the attached English certificate of co-authorship if any of the uploaded representative works has been co-authored. A separate form is required for each co-authored work.
3. Academic books refer to books of an academic nature on science education that have been formally published by a publisher following a review process. Academic books—either the whole book or a certain chapter—must be reviewed before they may be confirmed. Please submit electronic files of academic books' copyright pages (page containing information concerning publisher) and table of contents.
4. In the case of works that have been accepted for publication but not formally published, please attach an electronic file of the publisher’s letter of acceptance.

Notes:

- i. All the submitted application materials are limited to the most recent 5 years (2015.9-2020.8). If the applicant has given birth or requested parental leave within the 5 years prior to the application cut-off date, information concerning works from 2013 and 2014 may be included, in which case verifying documents must be uploaded to the location indicated by MOST's online application system.
- ii. In the case of individuals who have received the Outstanding Researcher Award, please provide only application information following the most recent award.

<b>Certificate of co-authorship</b>						
Title of work						
Date of publication						
Order of authorship						
Percentage of contribution	%					
Please elaborate upon your contribution to works submitted for application for the Distinguished Research Award						
Signature of each co-author	<b>1</b>		<b>2</b>		<b>3</b>	
	<b>4</b>		<b>5</b>		<b>6</b>	
<p><b>This article was not used for other award applications by any of the co-author(s).</b></p> <p><b>Signature of applicant :</b></p> <p>Date :</p>						

1. Please fill out this form if any of your uploaded representative works of the past five years is co-authored. A separate form is required for each co-author.
2. Each co-author must sign in person. If the work is a result of more than four authors, at least four signatures, including that of the first author and the corresponding author(s), are required for this form. In cases where there are foreign authors, this form may be completed in English.
3. If the required signatures cannot be obtained, please explain.