

College of Engineering of National Chung Hsing University

Review Criteria for Academic Research Performance of Distinguished Professors III and Distinguished Faculty Members III

Approved by the College Affairs Meeting on Feb. 22, 2012
Amended and approved by the Ad Hoc College Affairs Meeting on Apr. 30, 2018
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Amended and approved by the College Affairs Meeting on March 15, 2023

The review criteria for academic research performance of distinguished professors III (distinguished teachers III) are based on the total points of (I) highly-cited papers, (II) international journal papers/monographs/book chapters, (III) intellectual property rights/technology transfer/rights for new varieties, and (IV) specific academic achievements and contributions. Point-count standards of these items are specified as follows:

- (I) Highly-cited Papers: The recognition of highly-cited papers is based on the latest Web of Science (WOS) database records. It consists of the total points of the following three sub-items.
- (1) The papers should be published during the applicant's service in the University, and the applicant should be either the first author or corresponding author of the papers. The papers must have been cited at least 10 times within the past 10 years. The total number of citations of a paper within the past 10 years divided by 5 is counted as the number of points of the paper.
 - (2) H-index value multiplied by 5 equals the number of points.
 - (3) Highly-cited Papers: The first or corresponding author earns 15 points per paper. Highly-cited papers are papers with citation counts in the top 1% of their respective disciplines in the Essential Science Indicators (ESI) database.

The list of highly-cited papers shall be compiled by the Academic Development Division of the Office of Research and Development from among the academic papers published by the faculty members of the college in the past 10 years. Papers published within the past two years of the application year will not be counted as highly-cited papers.

(II) International Journal Papers/Monographs/Book Chapters:

- (1) International Journal Papers: International journal papers refer to those published in international SCIE or SSCI journals within the past 5 years. The applicant should be either the first author or corresponding author of the papers. The points of a paper will be counted based on either one of the following categories:

A-tier Journal Papers: A-tier journal papers refer to those published in SCI journals. The points are counted based on the latest Impact Factor (IF) of the journals announced by JCR rounded up to one decimal place.

B-tier Journal Papers: B-tier journal papers refer to those published in SCI journals. The points are counted based on the latest percentage rankings (R) of the journals in their research fields, as announced by JCR. The calculation is shown as follows:

Percentage Rankings (R)	Points
$\leq 1\%$	12
$1\% < R \leq 10\%$	10
$10\% < R \leq 25\%$	8
$25\% < R \leq 50\%$	3

The points of papers published in SSCI journals are calculated at 1.5 times the number of points of A-tier or B-tier journal papers.

Journal papers co-published under substantial cooperation with industry or international scholars:

- ① There should be someone serving in industries or international academic research institutes (excluding those in China, Hong Kong, and Macau) in the authors.
- ② Papers published in collaboration with international scholars earn 1.5 times the number of points.
- ③ Papers published in collaboration with industry earn 1.2 times the number of points.

The list of recognized industry partners is based on the SCOPUS database and will be compiled by the Academic Development Division of the Research and Development Office.

Special Papers: Papers published in *Science* or *Nature* earn 50 points each. However, if the applicant is not the first or corresponding author, the points are reduced based on the descending order of the authorship: the second author earns 25 points per paper, the third earns 12.5 points, and the fourth and subsequent authors earn 6 points each.

(2) Monographs/Book Chapters: Monographs or book chapters refer to those published (issued) by either domestic or international publishers (issuers).

- ① Monographs: Monographs earn 5 points each if published (issued) by domestic publishers (issuers) or 10 points each if published (issued) by international publishers (issuers).
- ② Book chapters: Book chapters earn 2 points each if published (issued) by domestic publishers (issuers) or 2 more points each if published (issued) by international publishers (issuers).

(III) Intellectual Property Rights/Technology Transfer/Cooperative Education Programs/Rights for New Varieties

Within the past 5 years, points for patents or varieties published domestically or internationally with the University as the assignee of the patent or the holder of variety rights and management fee from cooperative education projects or technology transfer are counted based on the calculation in Attachment 1.

(IV) Specific Academic Achievements and Contributions

The points are determined by reviewers based on the “Academic Achievements and Contributions” (Attachment 1 of the Distinguished Professor and Distinguished Faculty Member Application Form). These points should not exceed 10% of the applicant's average total points from items (I) to (III).

See Attachment 2 for the form for the Academic Research Performance Evaluation.

(V) The calculation of the academic year is based on the starting date of the Distinguished Professor (Distinguished Faculty Member) appointment and is calculated backwards. For example, if the appointment takes effect on August 1, 2020, the 5-year period is calculated retroactively from that date, making August 1, 2015 the starting point.

Intellectual Property Rights:

Approved by	Points
Republic of China	1.5
European Patent Office (EPO)	5.0
US, Japan, Germany	3.5
S. Korea, Canada, UK, France, Italy, Spain, Australia, New Zealand	2.5
Singapore, Malaysia, the Philippines, Vietnam, Indonesia, Thailand, India, Israel, Mexico, Brazil, Argentina, Chile, Netherlands, Belgium, Sweden, Finland, Norway, Russia, South Africa	1.5

Industry-university Cooperation:

Items	Amount or No. of Programs	Weighted points	Max. points	Note
Total Actual Amount received from Technology Transfer	NT\$ 100,000 or less	1	30	
	NT\$ 100,000 – 300,000	2		
	NT\$ 300,000 – 500,000	3		
	NT\$ 500,000 – 700,000	4		
	NT\$ 700,000 – 1,000,000	5		
	NT\$ 1,000,000 – 5,000,000	15		
	NT\$ 5,000,000 – 10,000,000	20		
	NT\$ 10,000,000 – 20,000,000	25		
	NT\$ 20,000,000 or more	30		
Total Amount from Management fee of Cooperative Education Programs	NT\$ 1,000,000 or less	2.5	15	
	NT\$ 1,000,000 – 5,000,000	7.5		
	NT\$ 5,000,000 – 10,000,000	10		
	NT\$ 10,000,000 – 20,000,000	12.5		
	NT\$ 20,000,000	15		
No. of Domestic Patents with Technology Transfer or Patent Licensing	1 case	1	5	The weighted point of each case of domestic technology transfer or patent licensing is 1 point and should not exceed 5 points. Detail: 'Each case' refers to the same technology/patent being transferred or licensed to the same company, regardless of the region of licensing.
No. of International Patent	1 case	0.5	3	The weighted point of each case of international patent is 0.5 point and should not exceed 3 points.
No. of Rights for Varieties	1 case	0.5	2	The weighted point of each case of right for variety is 0.5 point and should not exceed 2 points.

國立中興大學特聘教授III&優聘教師III工學院學術研究表現評審表
Distinguished Professors III and Faculty Members III Academic Research Performance Evaluation Form

系所 Department/Institute

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姓名 Name：

學術研究表現 Academic Research Performance (以 WOS 資料庫網站最新紀錄為依據 Based on the latest records from the WOS database website.)		點數 Points
高引用論文 Highly Cited Papers	論文總引用次數：____ Total Citation Count	
	H-index 值：____ H-index Value	
	HiCi論文篇數：____ Number of HiCi Papers	
甲類論文 A-tier papers (IF)	基本計點篇數：____ Number of SCI Journal Papers	
	SSCI篇數：____ Number of SSCI Journal Papers	
	國際學者合作篇數：____ Number of Papers in Collaboration with International Scholars	
	企業界合作篇數：____ Number of Papers in Collaboration with Industries	
乙類論文 B-tier papers Journal Rankings	基本計點篇數：____ Number of SCI Journal Papers	
	SSCI篇數：____ Number of SSCI Journal Papers	
	國際學者合作篇數：____ Number of Papers in Collaboration with International Scholars	
	企業界合作篇數：____ Number of Papers in Collaboration with Industries	
特別類論文 Special Papers	作者序位：____ The Order of the Authorship	
專書著作 Monographs	國內著作數：____ Number of Domestic Publications 國際著作數：____ Number of International Publications	
專書章節 Books Chapters	國內章節數：____ Number of Domestic Book Chapters 國際章節數：____ Number of International Book Chapters	
智慧財產權 Intellectual Property Rights	專利件數：____ Number of Patents	

學術研究表現 Academic Research Performance (以 WOS 資料庫網站最新紀錄為依據 Based on the latest records from the WOS database website.)		點數 Points
技術移轉及新品種 權 Technology Transfer and Rights for New Varieties	技轉實收總額：____ Total Actual Amount received from Technology Transfer	
	建教合作計畫管理費金額：____ Management Fees from Cooperative Education Programs	
	國內專利且獲技轉或授權件數：____ Number of Domestic Patents with Technology Transfer or Licensing	
	國外專利件數：____ Number of International Patents	
	品種權件數：____ Number of Variety Rights	
總點數 Total Points		
具體學術成就與貢獻事蹟 Specific academic achievements and contributions (最高以該系所申請者上列小計平均值之10%為上限) The points should not exceed 10% of the average of the total points.		(遴選委員評定) (Determined by Review Committee)

說明：

- 一、各項學術研究表現之篇數、件數、金額及點數，由申請人依「國立中興大學特聘教授 III 暨優聘教師 III 工學院學術研究表現審議標準」先行填寫。
- 二、國際期刊論文乙類論文領域排名請於「附表三、本校特聘教授國際期刊論文、專書著作或專書章節一覽表」備註欄註明。
- 三、具體學術成就與貢獻事蹟欄得分由遴選委員評定之。

Explanation:

1. The number of papers, projects, amount, and points for academic research performances shall be initially filled out by the applicant according to the "College of Engineering of National Chung Hsing University Review Criteria for Academic Research Performance of Distinguished Professors III and Faculty Members III."
2. The field ranking of B-tier international journal papers should be noted in the "Attachment 3: International Journal Papers/Monographs/Book Chapters."
3. The points for specific academic achievements and contributions will be determined by the Review Committee.