

**College of Engineering of National Chung
Hsing University**

**Review Criteria for Academic Research
Performance of Distinguished Professors III
and Distinguished Teachers III**

Passed by the college affair meeting on Feb. 22, 2012

Amended and passed by the extraordinary college affair meeting on Apr. 30, 2018

Amended and passed by the college affair meeting on Feb. 6, 2020

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 / books / 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 records in Scopus (or JCR) database. 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 receives 15 points per paper. Highly-cited papers refer to those that rank in the top 1% by the number of citations in a research field.

The list of highly-cited papers will be compiled and provided by Academic Development Section of Research and Development Division based on the applicant's papers published within the past 10 years. Papers published within the 2 years prior to the year of application will not be counted as highly-cited papers.

- (II) International journal papers / books / book chapters:
- (1) International journal papers: International journal papers refer to those published in international SCI 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:

class papers: A-class papers refer to those published in SCI journals. The points are counted based on the latest impact factors (IF) of the journals announced by JCR rounded up to one decimal place.

class papers: B-class 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 announced by JCR. The calculation is shown as follows:

Percentage rankings (R)	Points
$\leq 1\%$	<u>10</u>
$1\% < R \leq 10\%$	<u>8</u>
$10\% < R \leq 25\%$	<u>6</u>
$25\% < R \leq 50\%$	<u>3</u>
$50\% < R \leq 75\%$	<u>2</u>
$> 75\%$	1

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

Journal papers co-published under the substantial cooperation with industries and institutes or international scholars:

- ① There should be someone serving in industries, institutes, or foreign academic research institutes (not including those in China, Hong Kong, and Macau) in the authors.
- ② Papers written with international scholars from the world's Top 100 universities receive 3 times the points. Papers written under other types of international cooperation receive 2 times the points. The recognition of the world's Top 100 universities is based on the latest announcements of QS, THE, ARWU, and US News.
- ③ Papers written under the cooperation with industries and institutes receive 1.5 times the points.
- ④ Papers written under the cooperation with industries, institutes, and international scholars receive 2.5 times the points.

Special papers: Papers published in *Science* or *Nature* receive 50 points each. 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 receives 25 points per paper, the third receives 12.5 points, and the fourth and subsequent authors receive 6 points each.

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

- ① Books: Books receive 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 receive 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

Points for patents or varieties published in Taiwan or other countries within the past 5 years with the University as the owner of patent or variety rights and incomes generated from cooperative education programs or technology transfer are counted based on the calculation of Appendix 1.

(IV) Specific academic achievements and contributions

The points are determined by reviewers based on the “list of specific academic achievements and contributions” (Appendix 1 of the application form for distinguished professors [distinguished teachers]). The points should not exceed 10% of the average of the total points of items (I) to (III) of the applicant.

See Appendix II for the form for the review of academic research performance.

(V) The 5-year period is calculated from the date of appointment of the applicant forwards. For example, if the date of appointment is August 1, 2020, the 5-year period is calculated from that date forwards, so August 1, 2015, serves as the basic point for calculating how many papers within the 5 years will be included into the review of the application for distinguished professors (distinguished teachers).

Intellectual property rights:

Approved by	Points
Republic of China	1.5
European Patent Office (EPO)	5.0
US, Japan, Germany	3.5
Korea, Canada, UK, France, Italy, Spain, Australia, New Zealand	2.5
Singapore, Malaysia, the Philippines, Vietnam, Indonesia, Thailand, India, Israel, Mexico, Brazil, Argentina, Chili, 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 income from technology transfer	NT\$ 100,000 or less	<u>1</u>	30	
	NT\$ 100,000 – 300,000	<u>2</u>		
	NT\$ 300,000 – 500,000	<u>3</u>		
	NT\$ 500,000 – 700,000	<u>4</u>		
	NT\$ 700,000 – 1,000,000	<u>5</u>		
	NT\$ 1,000,000 – 5,000,000	15		
	NT\$ 5,000,000 – 10,000,000	20		
	NT\$ 10,000,000 – 20,000,000	25		
Total income from 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 / licensed to the same company. There is no limit with regard to the regions of the transfer / 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.