

# 國立清華大學科技管理學院傑出人才發展基金學術研究獎勵標準

## National Tsing Hua University College of Technology Management Regulations for National Tsing Hua University Outstanding Talent Development Fund Academic Research Incentives

112年4月26日111學年度第5次院務會議通過訂定

Approved by the College Council on April 26, 2023

112年10月4日112學年度第1次院務會議通過修正

Amended by the College Council on October 4, 2023

113年1月28日112學年度第3次(書面)研究發展會議核備

Approved by the Research Development Meeting on January 28, 2024

113年5月23日112學年度第5次院務會議通過修正

113年7月11日112學年度第6次院務會議通過修正

113年9月12日113學年度第1次研究發展會議通過核備

- 一、為鼓勵本校編制內教師進行具國內外重要學術影響力之研究，提昇本校學術聲望，特依「國立清華大學傑出人才發展基金學術研究獎勵辦法」訂定「國立清華大學科技管理學院傑出人才發展基金學術研究獎勵標準」（以下簡稱本辦法）。

Article 1: The College of Technology Management (CTM or “the College”) establishes these regulations in accordance with *Regulations for National Tsing Hua University Outstanding Talent Development Fund Academic Research Incentives* to encourage research with significant academic impact conducted by faculty members within the University, both domestically and internationally, and to enhance the academic reputation of the University.

- 二、獎勵標的：本辦法獎勵之學術研究成果，需以本校為所屬學術機構並在本校完成之學術研究，並經審查認定者，包含以下七大類：
- 第一類：重大研究突破報導、重要學術期刊論文或國際會議論文。
  - 第二類：國際學術指標。
  - 第三類：學術專書、專書內專章或其他。
  - 第四類：舉辦國內外重要學術會議、研究論壇、獲邀演講或參加展演、競賽。
  - 第五類：參與重要國際學術組織職務或獲頒獎項。
  - 第六類：校定學術指標。
  - 第七類：其他有助於學校學術聲望、研究或發展之重大貢獻。

Article 2: The academic research incentives under these Regulations shall be awarded to research achievements affiliated with the University's academic institutions and approved through evaluation, including the following five categories:

Category 1: Reports on significant research breakthroughs, important academic journal articles, or international conference papers.

Category 2: International academic indicators.

Category 3: Academic monographs, chapters in books, US patents, or others.

Category 4: Organizing important domestic and international academic conferences, research forums, invited speeches, or participation in exhibitions and competitions.

Category 5: Participation in important international academic organization positions or receiving awards.

Category 6: School-defined academic indicators

Category 7: Other significant contributions that enhance the academic reputation, research, or development of the University.

- 三、 本辦法第二條第一款所稱重大研究突破報導，係指被國際重要媒體報導、對本院國際學術聲望具有重要貢獻並經評審委員會審查認定；第一款所稱重要學術期刊或國際會議論文，則根據下表。以出版年度認定。每位作者之點數計算方式如下：著作為唯一作者則該著作點數乘以1.5，著作作者群人數超過3人則點數乘以0.7。每人最多採計32點。

Article 3: The term "reports on significant research breakthroughs" as referred to in Article 2(1) means research achievements that are reported by major international media, make important contributions to the international academic reputation of the College, and are approved through evaluation by the review committee. The "important academic journal articles or international conference papers" as referred to in Article 2(1) are determined according to the table below (Appendix A) and the publication year. Awarded points are calculated as follows: If the author is the sole author, the points for that work are multiplied by 1.5; if the number of authors exceeds three, the points are multiplied by 0.7. The maximum number of points that can be counted per person is 32.

- 四、 本辦法第二條第二款之國際學術指標，旨在綜合評量教師個人及研究成果最近三年在國際學術之影響力。評比指標包含如Citations、H-index、FWCI、CNCI等，各評比指標的點數則經評審委員會認定。每人最多採計16點。

Article 4: The "international academic indicators" as referred to in Article 2(2) aim to comprehensively evaluate the faculty members' personal and research impact in international academia in the last three years. The evaluation indicators include citations, H-index, FWCI, CNCI, and other standards. The awarded points for each evaluation indicator are determined by the review committee. The maximum number of points that can be counted per person is 16.

- 五、 本辦法第二條第三款所稱學術專書或專章等，不含論文集、學位論文或研究成果報告，可為影音或藝文類出版品。多位作者之專書或專章等以單一作者提出申請為限。一個著作以獎勵一次為限。點數則經評審委員會認定。每人最多採計16點。

Article 5: The term "academic monographs or chapters" as referred to in Article 2(3) does not include conference proceedings, theses, or research output reports. They may be published in audiovisual or artistic forms. The application for monographs or chapters with multiple authors is limited to submissions by a single author. A work can only be awarded once. The awarded points will be determined by the review committee. The maximum number of points that can be counted per person is 16.

- 六、 本辦法第二條第四款所稱國內外重要學術會議、展演或競賽，係指主辦或參加對本校學術聲望具有重要貢獻之學術活動；獲邀演講係指國內外重要學術會議演講，包含邀請演講(Invited)、主題演講(Keynote)、大會演講(Plenary)。點數則經評審委員會認定。每人最多採計16點。

Article 6: The term "important domestic and international academic conferences, exhibitions, or competitions" referred to in Article 2(4) indicates the hosting of or participation in academic activities that have made significant contributions to the academic reputation of the University. The term "invited speeches" refers to speeches at important domestic and international academic conferences including invited speeches, keynote speeches, and plenary sessions. The awarded points will be determined by the review committee. The maximum number of points that can be counted per person is 16.

- 七、 本辦法第二條第五款所稱參與重要國際學術組織職務或獲頒獎項，係指本校編制內教師擔任國際頂級期刊主編、編委；或擔任國際重要輪值主席、理事、理事長等；或榮獲學術組織會員(士)；或獲頒國際重要學術獎項。以上職務以服務期間採計，而會員(士)與學術獎項則以採算年開始之過去三年份。點數則經評審委員會認定。每人最多採計16點。

Article 7: The term "participation in important international academic organization or receiving awards" as referred to in Article 2(5) indicates faculty members serving as chief editors, or editorial board members of top international journals, or being honored as rotating chairs, directors, presidents, or members (fellows) of important international academic organizations, or receiving significant international academic awards. The above positions are evaluated based on their duration of service, while membership and academic awards are calculated for the past three years. The awarded points will be determined by the review committee. The maximum number of points that can be counted per person is 16.

- 八、 本辦法第二條第六款所稱校定指標，係指研究發展處（以下簡稱研發處）依本校全體研究發展目標而制定之研究指標，如永續（Sustainability）與美國專利（US Patents）。點數則經評審委員會認定。每人最多採計16點。

Article 8: The indicators referred to in Article 2 (6) refer to the research indicators set by the NTHU Office of Research and Development following the University's overall research and development objectives, such as sustainability and patents (US Patents). The awarded points will be determined by the review committee. The maximum number of points that can be counted per person is 16.

- 九、 本辦法第二條第七款所稱其他有助於學校學術聲望、研究或發展之重大貢獻，係指本校編制內教師進行其他有助於學校學術聲望、研究或發展之重大貢獻，經研發處審查認定。

Article 9: Other significant contributions that contribute to the academic prestige, research, or development of the school as referred to in Article 2 (7) shall be examined and recognized by the NTHU Office of Research and Development.

- 十、 獎勵辦理方式：

- (一) 教師依其所屬學院之獎勵標準於每年公告申請期限截止前依研究發展處(以下簡稱研發處)公告方式申請，再由本院評審委員依本辦法對第二條第一款至第六款獎勵標準進行初審，最後交由校級審議委員會依點數排序進行複審與決選作業。
- (二) 第二條第七款之獎勵標的依年度學校發展目標訂定，教師依獎勵標的於公告申請期限截止前依研發處公告方式申請，再由研發處依自訂之獎勵標準進行初審，最後由校級審議委員會進行複審作業。

- (三) 申請者需為本校編制內教師，校內合聘教師以主聘單位提出申請。
- (四) 學術研究成果採計期間為公告之獎勵年度(1月1日至12月31日)，論文發表以正式出刊日期為準，紙本或線上論文請擇一次申請並需有卷(期)。國際學術指標以教師個人為評比對象採計年份可為三年期，其中H-index指標得不限於以本校為所屬學術機構完成之學術研究成果。
- (五) 本獎勵由研發處每年學年上學期公告，本院依研發處公告作業時程辦理。
- (六) 本院所訂獎勵標準應送研發會議核備。

#### Article 10: Implementation of the incentives:

1. Faculty members shall apply according to the award criteria set by their affiliated college(s) before the application deadline announced each year by the NTHU Office of Research and Development. The College's review committee will conduct initial reviews based on the reward standards outlined in Article 2 (1 to 6) of these regulations. The final review and selection will be made by the University-level Review Committee based on the points awarded.
2. The award objectives outlined in Article 2 (7) are set in accordance with the School's annual development goals. The preliminary examination will be carried out by the NTHU Office of Research and Development. The final review and selection will be made by the University-level Review Committee.
3. Applicants must be faculty members within the University, while Jointly-Appointed faculty members shall submit their applications through their primary employing unit.
4. The period of the academic research results that will be considered is based on the annual announcement (1 January to 31 December), and the official paper publication date. The paper submitted should include the journal volume (issue) of the publication. The international academic indicators evaluating individual faculty members may be counted for the three years prior to the application year, among which the H-index indicator results may include academic research achievements completed by faculty members at academic institutions other than this University.
5. The announcement of these incentives shall be made by the NTHU Office of Research and Development in the first semester of each academic year, and the College shall follow the announcement schedule.
6. These criteria can be adjusted annually on a rolling basis as needed with updates submitted to the NTHU Office of Research and Development for

approval.

- 十一、 如需評審委員會，由院長或院長指定之教師一人召集4~6人組成審議委員會評審。

Article 11: The collegiate-level review committee shall be composed of the dean or a faculty member designated by the dean, who serves as the convener and chairperson, along with four to six impartial individuals.

- 十二、 本辦法經院務會議、研究發展會議通過後實施。

Article 12: These regulations shall be implemented upon approval by the College Council Meeting and the NTHU Research Development Meeting. Any amendments shall be processed in the same manner.



## Appendix A

獎勵標的 Award Criteria			建議點數 Advised Awarded Points
頂尖著作 Top Journal Publication	<p>► Nature 與 Science 之論文(不包含子刊) 。 Publication in the journals Nature and Science (excluding sub-journals).</p> <p>►發表於期刊有被排名於國科會期刊排名或計畫審查標準中(最新版為準)，財會與經濟 A+以上，或管一第一級，管二各領域前三，或區域研究與地理學門的優良期刊(區域研究與地理學門並應滿足 ISI/WOS/JCR 資料庫相關領域之 SCI/SCIE/SSCI/A&amp;HCI 其所屬次領域 Impact Factor Rank 排名前三名或是前 2%)。由作者提供排名資料證明</p> <p>Publication in journals that have been ranked in the NSTC Journal Rankings or Program Review Criteria (the latest version), A+ or above in Finance and Economics, or Tier 1 in Management I, top 3 in each area in Management II, or excellent journals in Regional Science and Geography (Regional Science and Geography should also satisfy the top 3 or top 2% of the Impact Factor Rank of SCI/SCIE/SSCI/A&amp;HCI in the subfield in the relevant field of the ISI/WOS/JCR databases.) Proof of ranking information shall be provided by the author(s).</p> <p>►發表之期刊如不在上述國科會期刊排名或計畫審查標準中(最新版為準)，則請作者提供期刊值得被認為是頂尖期刊之有效理據然後由委員會認定(委員會得向下調整期刊等級)。有效理據包含接受/拒絕率，編輯群之學術聲望與所屬學校聲望，其他期刊排名等(比如於其所屬次領域 SCI/SCIE/SSCI/A&amp;HCI 之 Impact Factor Rank 排名前三名或是前 2%,但是仍以委員會以其學術聲望做最後決定)。</p> <p>Authors are requested to justify why the journal should be recognized as a top journal for the committee's approval when publishing in journals not included in the mentioned NSTC journal rankings or program review criteria (the committee may adjust the journal's rankings downwards). Valid reasons include acceptance/rejection rate, the</p>	每篇 16 點 16 points for each article	

		<p>academic reputation of the editorial group and the university, or other journal rankings (e.g., top 3 or top 2% of the Impact Factor Rank of SCI/SCIE/SSCI/A&amp;HCI in the subfield, but the committee will make the final decision based on the academic reputation of the journal).</p> <p>►任職於科法所或從事人機介面與設計相關之同仁，其著作論文或書籍則請作者提供值得被認為相當於頂尖期刊之有效理據然後由委員會認定。</p> <p>For those from the Institute of Law for Science and Technology or in the field relating to Human Machine Interface and Design, the authors are requested to justify that their papers or books are worthy of being considered equivalent to the top journal publication, which shall be recognized by the committee.</p> <p>►其他發表之會議論文，專書與專章(不含論文集、學位論文或研究成果報告)，則請作者提供期刊值得被認為是相當於頂尖期刊論文之有效理據然後由委員會認定(委員會得向下調整等級)。[經濟系：則請作者提供期刊、會議論文、專書或專章值得被認為符合頂尖等級之有效理據然後由委員會認定(委員會得向下調整期刊、會議論文、專書或專章等級).]</p> <p>For other conference papers, books, and chapters (not including proceedings, dissertations, and reports of research results), authors are requested to justify why they are worthy of being considered equivalent to the top journal publication for the committee's approval (the committee may adjust the level downwards). [Department of Economics: authors are requested to justify for the journal, conference paper, book or chapter to be considered as equivalent to a top journal publication for the committee's approval (the committee may adjust the level of the journal, conference paper, book or chapter downwards).</p>	
	標竿著作 Leading Journal Publication	<p>►發表於 Financial Times Business School 50 Journals 之期刊</p> <p>Publication in the Financial Times Business School 50 Journals</p> <p>►發表於期刊有被排名於國科會期刊排名或計畫審查標準中(最新版為準)，財會 A_Tier1 以上，或經濟 A 級以上，管二各領域前八，或管一推薦學術期刊或區域研究</p>	<p>每篇 8 點 最高 16 點</p> <p>8 points for each article,</p>



	<p>與地理學門的優良期刊(管一與區域研究與地理學門期刊並應滿足 ISI/WOS/JCR 資料庫相關領域之 SCI/SCIE/SSCI/A&amp;HCI 其所屬次領域 Impact Factor Rank 排名前 10 名或是前 5%，或是 Impact Factor <math>\geq 10</math> 之期刊)。由作者提供排名資料證明</p> <p>Publication in journals that have been ranked in the NSTC Journal Rankings or Program Review Criteria (the latest version), A Tier 1 or above in Finance, A or above in Economics, top 8 in each area in Management II, recommended academic journals in Management I, or excellent journals in Regional Science and Geography (Management I and Regional Science and Geography should also satisfy the top 10 or top 5% of the Impact Factor Rank of SCI/SCIE/SSCI/A&amp;HCI in the sub-field in the relevant field of the ISI/WOS/JCR databases, or journals with Impact Factor <math>\geq 10</math>) Proof of ranking information shall be provided by the author(s).</p> <p>►發表之期刊如不在上述 Financial Times 與國科會期刊排名或計畫審查標準中(最新版為準)，則請作者提供期刊值得被認為是標竿期刊之有效理據然後由委員會認定(委員會得向下調整期刊等級)。有效理據包含接受/拒絕率，編輯群之學術聲望與所屬學校聲望，其他期刊排名等(比如於其所屬次領域 SCI/SCIE/SSCI/A&amp;HCI 之 Impact Factor Rank 排名前 10 名或是前 5%，或是 Impact Factor <math>\geq 10</math> 之期刊，但是仍以委員會以其學術聲望做最後決定)。</p> <p>Authors are requested to justify why the journal should be recognized as a leading journal for the committee's approval when publishing in journals not included in the mentioned Financial Times Business School 50 Journals and the NSTC journal rankings or program review criteria (the committee may adjust the journal's rankings downwards). Valid reasons include acceptance/rejection rate, the academic reputation of the editorial group and the university, or other journal rankings (e.g., top 10 or top 5% of the Impact Factor Rank of SCI/SCIE/SSCI/A&amp;HCI in the subfield, or journals with Impact Factor <math>\geq 10</math>, but the committee will make the final decision based on the academic reputation of the journal).</p>	<p>with a maximum of 16 points</p>
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		<p>►任職於科法所或從事人機介面與設計相關之同仁，其著作論文或書籍則請作者提供值得被認為相當於標竿期刊之有效理據然後由委員會認定。</p> <p>For those from the Institute of Law for Science and Technology or in the field relating to Human Machine Interface and Design, the authors are requested to justify that their papers or books are worthy of being considered equivalent to the leading journal publication, which shall be recognized by the committee.</p> <p>►其他發表之會議論文,專書與專章(不含論文集、學位論文或研究成果報告), 則請作者提供期刊值得被認為是標竿期刊論文之有效理據然後由委員會認定(委員會得向下調整期刊等級)。</p> <p>For other conference papers, books, and chapters (not including proceedings, dissertations, and reports of research results), authors are requested to justify why they are worthy of being considered equivalent to the leading journal publication for the committee's approval (the committee may adjust the level downwards).</p>	
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