

Reward Indices and Operation Rules for TMU Academic Research

Awards

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to a total of 26 articles

Chapter 1 Act

Article 1 To provide a reference for the applications for the Academic Research Awards, this university stipulates the Reward Index and Work Details for TMU Academic Research Awards (hereafter referred to as “the rules”) in accordance with Article 5, TMU Regulations for Faculty Members’ Rewards.

Article 2 The details are applicable to endowed chairs, full-time and part-time faculty members, retired faculty members, full-time research fellows, and full-time staff at the affiliated hospitals.

Article 3 The Research Dissertation Award is granted to papers published under the names of TMU and its affiliated hospitals. Of the Research Dissertation Award winners, one is chosen for the Distinguished Award, three for Excellence Awards, five for Merit Awards, and nine for Clinical Research Awards (three clinical physicians at each affiliated hospital) according to the total amount of prize money each of them wins. These winners will also receive a certificate of merit as

recognition.

Article 4 The Research Project Award is granted to projects whose grants have been applied for with TMU affiliation, excluding those that have not included management fees in their project budget. The Research Project Award comprises three Total Research Project Budget Awards, three Single Research Project Budget Award, several Large Research Project Awards, and several Research Project Excellence Awards.

Article 5 The Industry–Academia Collaboration Award recognizes faculty members’ excellent performance in industry–academia collaboration and leading clinical trials. This award comprises three Total Industry–Academia Collaboration Budget Awards, three Clinical Trial Leader Awards, one Distinguished Industry–Academia Collaboration Award, one Excellent Industry–Academia Collaboration Award, one Merit Industry–Academia Collaboration Award, one Distinguished Clinical Trial Leader Award, one Excellent Industry–Academia Collaboration Award, and one Merit Industry–Academia Collaboration Award.

Article 6 Other than the aforementioned awards, the International Top Journal Publication Awards are granted to all papers published in journals that have a high impact factor (IF) or in *Nature*, *Science*, or top international journals with the same or a higher ranking (no upper limit exists for the number of award winners). Of these award winners, one Annual Research Achievement Award is granted to reflect overall research performance; two Young Researcher Awards maximum are granted to high-performing young researchers; and prize money is granted to papers according to their citation counts. For medical staff at the affiliated hospitals, several Affiliated Hospital Research Project Awards are granted according to reflect the staff members’ overall performance levels in research projects not funded by the university.

Chapter 2 Research Paper Award

Article 7 The Research Paper Award recognizes papers that have been published in an academic journal or converted into a galley proof in the current year or patents granted in the current year.

1. Reward index for academic journal papers:

- (1) Rewards are granted to academic journal papers including original articles, brief communications (e.g., short communications and rapid publications), case reports, review articles, letters to editors, and quizzes.
- (2) The papers must have been published by a researcher who claimed TMU affiliation, and the award applicant must be the first or corresponding author of the papers. Each paper shall be used to apply for the award once at most; for papers with IF <6, each applicant can apply for the award at most 10 times (but no upper limits apply if the papers used for application all have IF ≥6).
- (3) Reward criteria: The amount of rewards is the sum of prize money determined according to two reward indices, namely SCI IF and discipline ranking, with a maximum of NT\$ 500,000 for each paper.

a. SCI IF

IF	Prize money (NT\$)
$1 \leq \text{IF} < 6$	$\text{IF} \times 10,000$
$6 \leq \text{IF} < 10$	$\text{IF} \times 12,000$
$10 \leq \text{IF} < 15$	$\text{IF} \times 14,000$
$15 \leq \text{IF} < 20$	$\text{IF} \times 16,000$
$20 \leq \text{IF} < 25$	$\text{IF} \times 18,000$
$25 \leq \text{IF}$	$\text{IF} \times 20,000$

b. Discipline ranking:

Best ranking (percentage)	Prize money(NT\$)
ranking $\leq 5\%$	30,000
$5\% < \text{ranking} \leq 10\%$	27,000
$10\% < \text{ranking} \leq 15\%$	24,000
$15\% < \text{ranking} \leq 20\%$	21,000
$20\% < \text{ranking} \leq 25\%$	18,000
$25\% < \text{ranking} \leq 30\%$	15,000
$30\% < \text{ranking} \leq 35\%$	12,000
$35\% < \text{ranking} \leq 40\%$	9,000
$40\% < \text{ranking} \leq 45\%$	6,000

45% < ranking ≤ 50%	3,000
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(4) Prize money granted (proportions of the total prize money):

Original articles	Total prize money
Brief communication	Two-thirds of the total amount
Case report	One-third of the total amount
Review article (a maximum of one review per year)	One-and-a-half times of the total amount
Letter to editor in the form of a brief communication	Two-thirds of the total amount
Letter to editor in the form of a case report	One-third of the total amount
Letter to editor in the form of review on others' or their own papers or in response to critics' comments or questions (original research result data must be provided in the letter)	One-third of the total amount
Quiz (proposing questions as a response along with original research result data)	One-third of the total amount

※ Review articles on others' or their own papers or response articles to other critics' comments or questions that do that contain original research result data will not receive prize money.

※ Supplements will not receive prize money.

- (5) A&HCI papers published in the form of an original article will receive a monetary prize of NT\$ 20,000 each; other forms of papers will receive prize money in accordance with the proportions presented in (4).
- (6) The papers must have been completed in the university, and the first and corresponding authors must both be affiliated with the university. If only one of them is affiliated with the university, only half of the total prize money will be granted.
- Additional prize money for collaborative papers with foreign institutions:

- a. A collaborative publication with a foreign institution will be granted additional 30% of the prize money. The amount of money granted is capped at NT\$ 1 million; prize money exceeding this limit will be limited.
 - b. An applicant who is the coauthor of a collaborative paper with a foreign institution (i.e., the first or corresponding author is affiliated with the collaborating foreign institution) will receive an additional NT\$ 5,000 per paper.
- (7) For a paper with two and more first or corresponding authors, the prize money granted will be divided by the number of the first or corresponding authors.
- (8) The prize money for SSCI papers is in accordance with the standards for SCI papers.
- (9) EI (but not SSCI) papers will receive a monetary prize of NT\$10,000 per paper (the paper must be accessible in Compendex or Scopus)
- (10) For full-time medical staff at the affiliated hospitals who meet the criteria for the Research Paper Award, the following rewards will be granted in addition to the aforementioned rewards.
- a. The first or corresponding author of papers published in SCI journals with an IF <1 or in prestigious journals listed by the Ministry of Science and Technology will be granted NT\$ 5,000 per paper.
 - b. The first or corresponding author of papers published in non-SCI and peer-reviewed journals will be granted NT\$ 3,000.
 - c. The second or third author of a published paper will be granted 30% or 10%, respectively, of the total amount of prize money per paper. According to the authorship order, an author who wishes to apply for the reward must gain the consent of all authors ordered before him or her to this application and their statement to give up their right to the application (this application shall not be restricted by the rule of first and corresponding authors being affiliated with the university).

- d. NT\$6,000 per paper will be granted to those who have been invited to an international academic conference as a keynote speaker to present their papers, NT\$ 4,000 per paper for each oral presentation in an international academic conference, NT\$1,000 per paper for each oral presentation in a domestic academic conference, NT\$2,000 per paper for each conference poster presentation in an international academic conference, and NT\$1,000 per paper for each conference poster presentation in a domestic academic conference. Each person shall not apply for the grant more than once per year.
- (11) Reward criteria for endowed professors and part-time faculty members who published papers while affiliated with TMU are as follows:
- Those who have published papers as the first or corresponding author will receive 50% of the total prize money for SCI papers of the corresponding impact factor.
 - Those who have published papers as the second or third author (authors ordered later than the third author are considered the third author) will receive 30% of the total prize money for medical staff at the affiliated hospitals. The prize is capped at NT\$ 3,000.
 - Each paper shall be used only once for the reward application. If a paper has been used by a full-time faculty member to apply for the reward, other authors who are either endowed professors or part-time shall not use the paper to apply for a second reward.

2. Reward criteria for patents:

The reward for each patent will be granted to only one person under one patent-granting country. Faculty members who apply for this reward must be the inventor, and the patent owner must be TMU. The reward criteria are as follows:

Types	Prize money (NT\$)
Domestic utility or design patent	7,500
Foreign utility or design	10,000

patent	
Domestic invention patent	20,000
Foreign invention patent	30,000
Notes: One invention that has been granted patents by multiple countries (or places) is considered one patent; the highest possible prize money for such a patent will be granted. For a patent with more than one inventor, the prize money will be divided by the number of investors.	

Article 8 The reward applicant shall submit a completed application form along with a reprint of the associated paper to the Office of Research and Development by the specified application deadline.

Chapter 3 Research Project Award

Article 9 The Total Research Project Budget Award and certificates of merit are granted to the top three individuals who receive the most government grants for all their projects in total.

Article 10 The Single Research Project Budget Award and certificates of merit are granted to top three projects which receive the most government grants individually.

Article 11 The Large Research Project Award is granted to several faculty members with excellent performance levels in integrated research projects each year; each winner also receives a certificate of merit. These award winners are principal investigators of integrated research projects funded by government agencies.

Article 12 The Research Project Excellence Award recognizes projects conducted by scholars affiliated with TMU that are funded by government agencies or conducted under industry–academia collaboration. The university has budgeted an amount of money as flexible salary for the provision of the prize money, whose amount is determined at 40% of the research project management fee each project receives. The Office of Research and Development shall record all prize money granted to projects. The prize money may be given to research team members as performance bonuses or used for research-related expenses. The respective proportions of the prize money used for the two purposes shall be stipulated by the principal investigator; changes

on the proportions will not be allowed once established.

Research-related expenses include those incurred for the purchasing and maintenance of equipment, temporary wages, paper publication, medicine, medical supplies, laboratory animals, travel for meetings and business trips, and stationery. The prize money may be used in conjunction with other budget fund, and its reimbursement is not limited to the time frame of the project period. If any project is granted the prize money but fails to reimburse the money or fails to submit the final report in accordance with relevant regulations, the project personnel will be required to return a amount of money appropriate to the seriousness of their violation (including the performance bonuses granted before the project starts).

Chapter 4 Industry–Academia Collaboration Award

Article 13 The Total Industry–Academia Collaboration Budget Award comprises one Distinguished Award, one Excellence Award, and one Merit Award, each of which is proportional to the grants received by industry–academia collaborative research projects; each award winner will receive a certificate of merit.

Article 14 To encourage faculty members' engagement in industry–academia collaboration programs funded by government agencies (including foundations) and private businesses for better industry–academia collaboration results, this university grants a Distinguished Industry–Academia Collaboration Award, an Excellent Industry–Academia Collaboration Award, and a Meritorious Industry–Academia Collaboration Award every year. The review and selection of award winners are conducted by the Academic Research Award Committee. The criteria of application review are as follows: a project that has started with the approval of the principal investigator in the current year; the number of patents granted in the project; and the monetary value and number of cases of technology transfer and licensing. Each award winner will receive a certificate of merit.

Article 15 To encourage acceptance of the appointment as a clinical trial leader and completion of phases 1–3 of a clinical trial or a clinical trial involving class III medical devices as specified in an agreement, this

university offers the Distinguished Clinical Trial Leader Award with a monetary prize of NT\$ 30,000, the Excellent Clinical Trial Leader Award with a monetary prize of NT\$ 20,000, and the Merit Clinical Trial Leader Award with a monetary prize of NT\$ 10,000; these prizes correspond to the relative amounts of annual expenses in the projects of the current year. An award winner who is also selected as an award winner for an award described in Article 14 shall receive only one award of the winner's choice. The calculation of annual expenses of each project in the current year and provision of the prize money shall be managed by the Office of Human Research.

Chapter 5 Others

Article 16 The Top International Journal Publication Award is granted to papers published during the current year in high-impact journals. Each award applicant must be either the first or the corresponding author of the paper, and the first and corresponding authors must both be affiliated with the university. The application review is conducted by the Academic Research Award Committee. A grant will be provided to the research team or projects led by applicants who have passed the review; each winner will also receive a certificate of merit. The prize money is granted in accordance with the following standards:

IF	Grant for the project (NT\$)
$10 < IF \leq 15$	1 million
$15 < IF \leq 20$	2 million
$20 < IF$	3 million
Nature , Science , Cell , Lancet , JAMA	5 million
$40 < IF$	10 million

Each award-winning journal paper must be an original full article. For applicants who have made equal contributions to a paper, please refer to the standards for prize money in Article 7 (7).

Endowed professors and part-time faculty members are not eligible for the award.

Article 17 The Annual Research Achievement Award is granted to one faculty member who has demonstrated research excellence in the current year. Faculty members may be made candidates through self-recommendation

or recommendation by others, and the application review shall be conducted by the Academic Research Award Committee. Regarding the criteria for review, works eligible for the application are research results of the current year, including published papers, patents, research projects, being invited as a chairperson or guest speaker in international conferences, and awards received.

Article 18 The Young Researcher Award is established to encourage in-depth research and prominent academic contribution from young researchers at the university; the award winners will receive a monetary prize of NT\$ 100,000 and a certificate of merit. An award applicant must be aged less than 40 years and concurrently a faculty member with a rank of associate professor or lower or a full-time medical staff member at the affiliated hospitals. The application review is conducted by the Academic Research Award Committee. The criteria for review are that the applicant must have published three original papers as the first or corresponding author while affiliated with TMU within the past three years (the applicant cannot make application for a degree thesis/dissertation or submit a paper for this application more than once).

Article 19 As a recognition of faculty members whose published papers (bearing TMU's name) have received citation counts exceeding a certain standard, the university offers a monetary prize. The award applicant be the first or corresponding author of the papers; the papers must have been published under the university's name, must have been published within the past 10 years (2009 onwards), and must have been cited for at least 40 times within the past five years (2014 onwards). The applicant shall submit a completed application form along with the reprint of the paper and data of citing articles to the Office of Research and Development by the specified application deadline. Applicants who are neither the first author nor the corresponding author of a paper cited in more than 60 articles will receive a monetary prize of NT\$ 3,000. Each paper may be used for the award application only once per year.

Citation counts	Prize money (NT\$)
$40 \leq \text{citation counts} < 50$	5,000

$50 \leq \text{citation counts} < 60$	10,000
$60 \leq \text{citation counts} < 70$	20,000
$70 \leq \text{citation counts} < 80$	30,000
$\text{citation counts} \geq 80$	40,000

(Only the first or corresponding author will be eligible for the prize money listed in this table.)

This university offers a monetary prize for journal papers published under the TMU's name in the current year that have cited more than 10 papers published under the TMU's name (excluding self-citations). The prize money applicants must be the first or corresponding author of the papers and must submit a completed application form along with the reprint of the paper and data regarding cited articles to the Office of Research and Development by the specified application deadline.

Citation counts	Prize money (NT\$)
$10 \leq \text{citation counts} < 20$	5,000
$20 \leq \text{citation counts} < 30$	15,000
$\text{citation counts} \geq 30$	30,000

Article 20 The Affiliated Hospital Research Project Award is granted to research projects of the current year that have received grants of more than NT\$2.5 million. Each award winner will receive a certificate of merit according to the following standards:

Award name	Project grant received (million NT\$)
Top Research Project Award	10 and more
Distinguished Research Project Award	7.5 (included)–10
Excellence Research Project Award	5 (included)–7.5
Merit Research Project Award	2.5 (included)–5

Article 21 Reward for academic monographs: The monograph (excluding

textbooks and conference proceedings) must have been published in the current year and must have been recommended by the college of the applicant or the Center for General Education after review. A monograph can be used to apply for the award only once; specifically, if a monograph has been used for the application, the other coauthors of the monograph shall not reuse it for a second application.

Prize money standards:

Chapter in a domestic monograph: NT\$10,000 per chapter

Chapter in a foreign monograph: NT\$15,000 per chapter

Domestic monograph: NT\$25,000 per monograph

Foreign monograph: NT\$30,000 per monograph

The monographs in this Article refer to those published by publishers listed in the SENSE Ranking of Academic Publishers.

For a monograph cowritten by two or more authors, the authors shall apply for the reward under the monograph category only; specifically, they shall not make separate applications by using different chapters of the monograph. The highest prize money for a set of monograph chapters is equal to the prize money for a monograph.

Article 22 The Academic Research Award Committee is composed of seven committee members, who are appointed by the university's president; the convener is elected by the committee members. A committee meeting can be convened only with the attendance of at least two-thirds of the members, and an application is passed once it receives an agreement of two-thirds of the attending members. Once an application passes the first review by the committee, it is submitted for a second review in the Research and Development Meeting.

Article 23 A faculty member who is concurrently the winner of both the Total Research Project Budget Award and Single Research Project Budget Award shall receive only one of them of their choice. Such a faculty member shall not be selected for the Industry–Academia Collaboration Award or the Annual Research Achievement Award in the same year unless otherwise specified.

Article 24 Faculty members on unpaid leave may still apply for the aforementioned awards if they have published papers under the

TMU's name or started new research projects funded by institutions other than the university.

Article 25 All applications for the Academic Research Awards that have passed the second review in the Research and Development Meeting shall be submitted to the university president for approval before the awards are granted.

Article 26 These rules have been ratified in an administrative meeting before announcements; all amendments in these rules have also been subjected to the same procedures.