

STUDY OF FACTORS AFFECTING RESEARCH PUBLICATION OF DOCTOR OF PHILOSOPHY FOREIGN STUDENTS AT FACULTY OF FINE AND APPLIED ARTS, SUAN SUNANDHA RAJABHAT UNIVERSITY

Kanyanee Phuangsua^{*}, Natsuree Techawiriyataweesin^{**}

^{*,**} Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University

E-mail: kanyanee.ph@ssru.ac.th^{*}, natsuree.te@ssru.ac.th^{**}

ABSTRACT

This study aimed to explore factors affecting research publication of Doctor Philosophy of foreign students. The samples of this study were 77 students from Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University. The sample size was calculated by the formula of Raosoft (2004). The research instrument was the questionnaires. The data from the questionnaires was analyzed using Descriptive Statistics: frequencies, mean and standard deviation.

The findings revealed that the most three factors affecting research publication were planning, writing, and publishing research articles ($\bar{x} = 4.50$, S.D.= 0.707), objectives for publishing research articles (e.g., to develop yourself, to express knowledge about and interest in the subject matter, to advance one's career) ($\bar{x} = 4.48$, S.D.= 0.707), and intelligence/basic knowledge in publishing research articles ($\bar{x} = 4.20$, S.D.= 1.095). Moreover, the lowest of three factors affecting research publication were age ($\bar{x} = 2.08$, S.D.= 1.010), health ($\bar{x} = 2.68$, S.D.= 1.385), and average monthly income ($\bar{x} = 3.03$, S.D.= 0.987).

Keywords: *research publication, factors affecting research publication, foreign students*

INTRODUCTION

At present, research publication is an important part of making such valuable works known widely both domestically and internationally. This is in line with the policy of Suan Sunandha Rajabhat University, emphasizing on teaching, research, academic service, and preserving arts and culture (Suan Sunandha Rajabhat University, 2022). According to the study, it was found that Doctoral Students of the Philosophy Program in Visual Arts and Design, Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University. There are foreign students interested in studying a lot and there is an increasing number of criteria every year (Faculty of Fine and Applied Arts, 2021). All teachers foresaw the importance of research and dissemination of works in order to meet the goals of student and university success. Therefore, teaching and learning focused on research for students. However, it was found that students encountered problems or various factors. Students have continually encountered with affecting conducting research and publishing research articles (Ninaroon & Pasunon, 2015).

A study of factors affecting research publication of students. For example: 1. Internal factors (life goal, the need to disseminate knowledge, self-development in research, and writing articles for publication), 2. External Factors (colleague, academic position, and publication fee). Therefore, it becomes a hurdle affecting the publication of research papers. consistent with Chonnasatid, Narintarakul Na Ayuthaya, Kankanoke (2020). remarked that the affecting factors consisted of 3 factors: 1) personal factors such as age, income, occupation, health, family, and support for work. 2) motivation factors as motivation for publishing research articles, and 3) life planning in terms of finances, studies, and careers.

Juychum, Sangmanee, Siriphan, Mettarikanon, & Kamhaengkit (2019) found that the factors affecting the publication of academic works at national and international levels consisted of gender, age, and education level. academic position (Prof., Assoc., Assoc., etc.), work experience/teaching in working or teaching academic works.

Correspondingly, Qin (2013) found that the factors of learners, family, school, friends, and society affect Chinese students. In the study of relevant research, it was found that there were factors affecting the publication of the article as follows: 1) Financial problems, namely the fee for publishing research articles. other Knowledge of English affects research paper writing. Knowledge and skills in writing research articles affect publication. 3) Publication source factors are journals that have a high impact factor affecting decisions on the selection of paper submissions, journal reputation, and Terms and conditions of publications affect research article dissemination in 4 factors of research article writing, namely, there is no basic technical service center for research article writing (Poolchareon, 2015).

Which factors affect the publication of research articles a lot. Corresponds to the indicators of the article publication database. Research in international journals found that the number of academic papers published in international journals was not large (Scopus Preview, 2018; Web Of Science, 2018). Information, and research dissemination of the Faculty of Industrial Technology Chiang Rai Rajabhat University (2021) was at a low level at 11.40 points. The percentage of the weighted sum of academic output was 7.37 percent.

Nevertheless, only a few studies have been done in the field of Factors Affecting Research Publication (Annual Report 2008 of Graduate School, Khon Kaen University, 2008). Consequently, the researcher is interested in conducting the current study concerning a Study of Factors Affecting Research Publication of Doctor of Philosophy Foreign Students at Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University

Research objective

To explore factors affecting research publication of Doctor Philosophy of foreign students.

Research methods

Participants

According to the formula of Raosoft (2004), the participants in this study were 77 foreign students from Doctoral Student of Philosophy Program in Visual Arts and Design, Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University

Research Instrument

This study consisted of an instrument, namely the factors affecting the research publication questionnaire.

The factors affecting the research publication questionnaire:

This section considers the internal and external factors affecting research publication and totals 18 types. Please read the items that follow carefully and select only one of numbers 1 through 5 for each item to indicate how much or how little the relevant factor affects publication process for research articles.

Student responses to factors affecting research publication are classified on a five-point Likert scale from 5 (highest) to 1 (lowest).

Level 5 = This level indicates the highest degree (**most**) to which the factor in question affects the research publication process (average 4.21–5.00)

Level 4 = This level indicates the second highest degree (**more**) to which the factor in question affects the research publication process (average 3.41–4.20)

Level 3 = This level indicates a moderate degree (**moderate**) to which the factor in question affects the research publication process (average 2.61–3.40)

Level 2 = This level indicates a low degree (**low**) to which the factor in question affects the research publication process (average 1.81–2.60)

Level 1 = This level indicates the lowest degree (**lowest**) to which the factor in question affects the research publication process (average 1.00–1.80)

The quality of the instrument was validated by three experts in the field of English teaching who are native speakers. The result showed that Indexes of Item-Objective Congruence was 1.00 and was congruent with the objective.

Data Analysis

The data from the questionnaires was analyzed using Descriptive Statistics: frequencies, mean and standard deviation.

Findings

The findings of this research were a part as follows:

Table 1 The average level of student opinion of factors affecting research publication.

Factors affecting research publication in national and international journal.	Level of student opinion	
	\bar{x}	S.D.
Internal factors (Q.1–8)		
External factors (Q.9–16)		
1. Age	2.08	1.010
2. Health	2.68	1.385
3. Objectives for publishing research articles (e.g., to develop yourself, to express knowledge about and interest in the subject matter, to advance one's career)	4.48	0.707
4. Attitude toward publication of research articles	4.20	0.812
5. Planning, writing, and publishing research articles	4.50	0.707
6. Motivation for publishing research articles	4.23	0.821
7. Student learning behaviors	3.83	0.891

Factors affecting research publication in national and international journal.	Level of student opinion	
	\bar{x}	S.D.
Internal factors (Q.1–8)		
External factors (Q.9–16)		
8. Intelligence/basic knowledge in publishing research articles	4.28	1.095
9. Education Level (e.g., Bachelor's, Master's, PhD)	4.03	0.790
10. Occupation	3.70	0.748
11. Work experience/teaching	3.80	0.872
12. Academic position (Prof., Assoc., Assoc., etc.)	3.85	1.062
13. Language and communication	3.95	1.048
14. Research paper publication fees/research expenses	3.45	1.071
15. Average monthly income	3.03	0.987
16. Period/Time	4.08	0.787
17. Awards or grants from organizations or institutions.	3.18	1.243
18. Society (e.g., family, friends, thesis advisor, others)	3.70	0.900

From table 1., the findings showed that the most three factors affecting research publication are 1. planning, writing, and publishing research articles (= 4.50, S.D.= 0.707), 2.objectives for publishing research articles (e.g., to develop yourself, to express knowledge about and interest in the subject matter, to advance one’s career) (=4.48, S.D.= 0.707), and 3. intelligence/basic knowledge in publishing research articles (= 4.20, S.D.= 1.095).

Moreover, the lowest of three factors affecting research publication are age (= 2.08, S.D.= 1.010), health (=2.68, S.D.= 1.385), and average monthly income (= 3.03, S.D.= 0.987).

DISCUSSION

This study is "Study of Factors Affecting Research Publication of Doctor of Philosophy Foreign Students at Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University" It was divided into 2 issues that were discussed as follows:

1. Factors affecting research publication of foreign students.

The findings showed that the most three factors affecting research publication are 1. planning, writing, and publishing research articles, 2. objectives for publishing research articles (e.g., to develop yourself, to express knowledge about and interest in the subject matter, to advance one’s career, and 3. intelligence/basic knowledge in publishing research articles.

Moreover, the lowest of three factors affecting research publication are 1. age, 2. health, and 3. average monthly income.

The findings of the above studies are consistent with the research abroad. It was found that the most three factors affecting research publication were 1. planning, writing, and publishing research articles, 2. objectives for publishing research articles (e.g., to develop yourself, to express knowledge about and interest in the subject matter, to advance one’s career, and 3. intelligence/basic knowledge in publishing research articles. These were all internal factors affecting research publication to foreign students. Internal factors were important factors that lacked

development. It should be encouraged to cause the publication of research articles (Pasadhika, 2012).

2. Motivation on research publication that result from factors

From the study of internal and external motivation affecting publication of research articles which motivated.

Students with high extrinsic motivation are high frequency of publication of research papers at national and international.

Therefore, internal and external motivations, such as Objectives for publishing research articles, Occupation, Awards or grants from organizations or institutions, affect the publication of student research papers in national and international databases. Students should be encouraged to publish that lead to success. Yule (2010) found that highly motivated students will result in success in their studies or work.

Conclusion and recommendations

Based on the results of the current study, the most factors affecting research publication were planning, writing, and publishing research articles, followed by objectives for publishing research articles (e.g., to develop yourself, to express knowledge about and interest in the subject matter, to advance one's career) and intelligence/basic knowledge in publishing a research article.

In contrast, the lowest factors affecting research publication were age, followed by health and average monthly income.

In this section, the researcher suggests two main points for the future study of this issue. First, since this current study already studied the participation at Doctor of Philosophy Foreign Students, future studies should deal with other types of students.

The second suggestion involves better comparisons of the use differences of factors for supporting research publication concerning frequencies, duration, and process research publication.

ACKNOWLEDGEMENT

Researcher would like to express to Suan Sunandha Rajabhat University for supporting in every aspect.

REFERENCES

- Annual Report 2008 of Graduate School, Khon Kaen University. .(2008) Papers Published in National and International Journals. Retrieved May 10, 2022, from <https://gsbooks.gs.kku.ac.th/52/repost51/files/Pages%20from%200003-6.pdf>
- Chonnasatid, W., Narintarakul Na Ayuthaya, A., Kankanoke, P. (2020). The Study of Factors Affecting the Success of a Doctoral Degree in Thailand. *Sukhothai Thammathirat Open University Journal*, 33(2), 93-114.

- Faculty of Fine and Applied Arts. (2021). Number of Doctor of Philosophy students, Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University. Retrieved August 3, 2021, from <https://far.ssru.ac.th/en/home>
- Juychum, D., Sangmanee, R., Siriphan, S., Mettarikanon, D., & Kamhaengkit, R. (2019). Influencing Factors of Producing Academic Publication in International Journal of Lectures at Princess of Naradhiwas University. *Princess of Naradhiwas University Journal of Humanities and Social Sciences*, 6(2), 1-13.
- Ninaroon, P., & Pasunon, P. (2015). The Factors Affecting to Performance Efficiency of Academic Support Staff in Rajabhat Suansunandha University. *Journal of Chandrakasem Sarn*, 21(41), 29-38.
- Pasadhika, S. (2012). What are the internal factors and external factors that humans need?. Retrieved August 1, 2022, from <https://www.gotoknow.org/posts/7195>
- Poolchareon, L. (2015). The Guidelines for Research Published in the Journal of Faculty and Researchers in Sukhothai Thammathirat Open University. *Electronic Journal of Open and Distance Innovative Learning*, 5(2), 33-46.
- Qin, F. (2013) Factors Affecting Chinese Students' Achievement In The Burapha University Retrieved May 5, 2022, from <http://dspace.lib.buu.ac.th/xmlui/handle/1234567890/2713>
- Raosoftware. (2004). Sample size calculator. Retrieved May 5, 2022, from <http://www.raosoftware.com/samplesize.html>
- Research dissemination of the Faculty of Industrial Technology Chiang Rai Rajabhat University. (2021). Basic data of research publication per number of instructors and researchers, academic year 2021. Retrieved July 1, 2021, from
- Scopus Preview. (2018). Search by Institution, Organization (Princess of Naradhiwas University), every year, all branches. Retrieved November 29, 2020, from <https://www.scopus.com/home.uri>.
- Suan Sunandha Rajabhat University. (2022). Suan Sunandha Rajabhat University. Retrieved November 29, 2022, from <https://ssru.ac.th/>
- Web Of Science. (2018). Search by Institution, Organization (Princess of Naradhiwas University), every year, all branches. Retrieved November 29, 2020, from http://apps.webofknowledge.com/WOS_GeneralSearch_input.do?product=WOS&SID=D1RUHnivfOI2V2Ym78a&search_mode=GeneralSearch
- Yule, G. (2010). *The study of language*. Cambridge university press.