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## RESEARCH ARTICLE

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### Development of Scientific Activity in Humanistic Network for Science and Technology

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**Tanko Titus Auta<sup>1</sup>, Sanglar Polnok<sup>2</sup>, Ilyas Ibrahim<sup>3(CA)</sup>, Heru Santoso Wahito Nugroho<sup>4</sup>**

<sup>1</sup>Department of Nursing, Niger State Ministry of Health, Minna, Nigeria / Nursing Department, Deputy Director Nursing Services, Nigeria; autatk1@gmail.com

<sup>2</sup>Faculty of Nursing, Naresuan University, Thailand; sanglarp@gmail.com@gmail.com

<sup>3</sup>Departement of Public Health, Universitas Bumi Hijrah Tidore, Indonesia; kerajaan\_tidore@yahoo.co.id  
(Corresponding Author)

<sup>4</sup>Poltekkes Kemenkes Surabaya, Indonesia; heruswn@gmail.com

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### ABSTRACT

The Humanistic Network for Science and Technology (HNST) has been established in order to help advance science and technology, through scientific activities. After reaching the age of 2 years, HNST has achieved significant developments in carrying out its ambition to actively participate in advancing science and technology and on an international scale. In future plans, HNST will focus on expanding journals, publishing books, extending training and assistance as well as collaboration with government agencies.

**Keywords:** HNST, science and technology, scientific activities

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### INTRODUCTION

Science and technology in all fields are indispensable for the benefit of humanity and the environment around it in this world. Therefore, the progress of science and technology must continue to be a concern, so that it can always develop and be felt for the benefit of the community. Thus, lecturers, researchers and practitioners as perpetrators of scientific activities must pay full attention to the development of science and technology. One of the efforts to actively participate in realizing the development of science and technology, then they can unite to build an independent organization that can facilitate efforts to develop science and technology in the broadest sense. Thus, the perpetrators of scientific activities not only rely on universities or research institutions or other institutions where they are affiliated; instead, they can utilize these independent organizations in order to realize their creativity to build scientific and technological advancements in accordance with their respective fields of expertise. With an independent organization, the participants of scientific activities can be more free to create and innovate in accordance with their respective styles, so that they can carry out scientific activities more optimally. Thus, it is expected that the outcomes that can be realized can be even more maximal. With an independent organization, the supporting human resources in it can be more free to make the organizational structure, organizational goals, procedures, and other rules in accordance with the needs based on agreement, so that the organization can truly be an ideal medium for development activities science and technology.<sup>(1)</sup>

In Indonesia, independent organizations engaged in the scientific field are still lacking in number, when compared to a very large population, especially organizations that can reach international reach. Many international-scale scientific activities are still dependent on well-known tertiary institutions in Indonesia, or are still dependent on scientific institutions from outside Indonesia, or collaboration between institutions in Indonesia and outside Indonesia. Therefore, based on the above considerations, it is deemed necessary to form a new independent organization, which can accommodate a variety of scientific activities, especially those on an international scale, by involving the actors of scientific activities from several countries.<sup>(1)</sup>

## HISTORY

Considering the urgency of forming an independent scientific organization in order to expedite efforts to develop science and technology, several scientific activists from Indonesia and Ghana have pioneered the formation of a new scientific organization called the Humanistic Network for Science and Technology (HNST). This organization was founded in Ponorogo, East Java, Indonesia in early 2017. In accordance with previous ideals, HNST was established as an independent organization, which focuses on scientific activities in various scientific fields. Geographically, HNST is located at Jalan Cemara 25, Sukorejo, Ponorogo, East Java, Indonesia; but almost all activities take place online; so that the human resources involved in it can work from anywhere, without any significant obstacles.<sup>(2)</sup> Until now, HNST continues to carry out scientific activities well.

## DEVELOPMENT OF SCIENTIFIC ACTIVITIES

It has been stated above, that HNST only focuses on scientific activities. At the beginning of its establishment, HNST only held one scientific activity, namely establishing a scientific journal in the field of health under the name "Health Notions". As the name implies, this journal specifically publishes scientific work in the field of health, but in a broad sense, including all kinds of articles relating to health indirectly. This journal activity began with the launch of volume 1 issue 1 in January 2017, and is still running smoothly until now (Figure 1).<sup>(3)</sup>

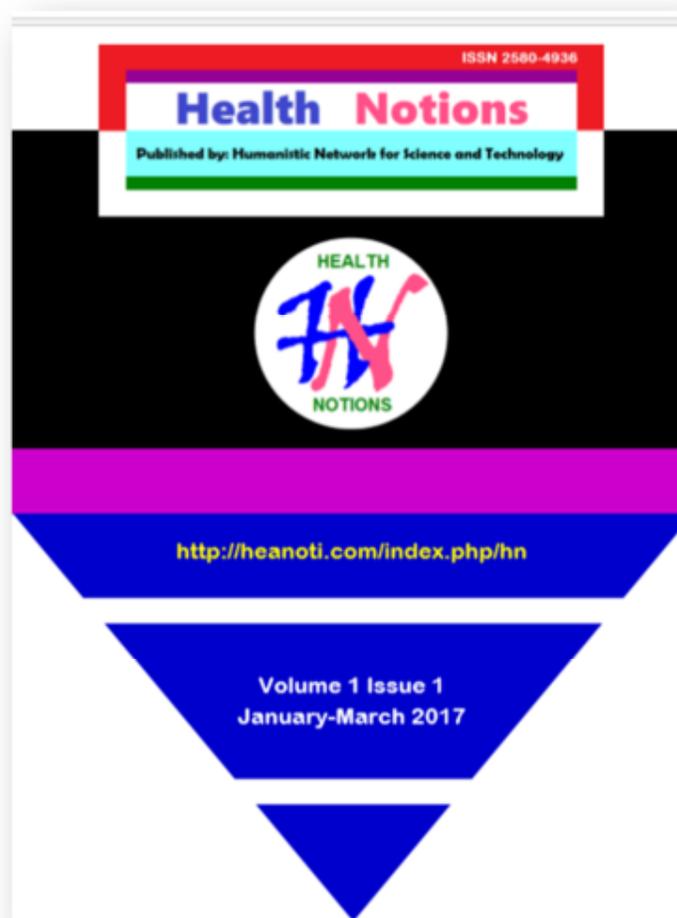


Figure 1. Cover of "Health Notions", Volume 1, Issue 1, January-March 2017

In 2018, HNST began to carry out other scientific activities, namely training, mentoring and guest lectures, related to scientific activities. In relation to this type of activity, HNST has set a standard that all training and mentoring activities carried out by HNST must succeed in getting the real output produced by the

participants, according to the established topics, even though the output has not yet come from 100% of the participants. Meanwhile, for the guest lecture the output is not applied as a target, because the duration of the activity is relatively very short.<sup>(2)</sup>

The following are training topics held by HNST<sup>(2)</sup>, along with the output produced:

- 1) Training on ISSN proposal for scientific journals for prospective journal managers  
The activity is devoted to universities or other institutions that will establish scientific journals, both journals operating online and in print. The output of this activity is until the publication of ISSN for related journals.
- 2) Training on electronic journal management based on the Open Journal System (OJS) for managers, editors, reviewers, writers and readers  
This activity is specifically for universities or other institutions that will establish scientific journals or already have scientific journals but still need assistance in organizing them. The output of this activity is the publication of scientific articles in the form of fulltext files in PDF format, at least in one issue.
- 3) Training on the preparation of ISBN books for tertiary level, for lecturers and researchers  
This activity is specifically for lecturers, especially those who have never written ISBN books, both textbooks, research report books, and other types of books. The output of this activity is the publication of a book that has been equipped with an ISBN.
- 4) Classroom action research training for elementary school teachers  
This activity is specifically for elementary school teachers, especially those who have never or are not yet proficient in carrying out classroom action research to improve the quality of learning. The output of this activity is the minimum realization of a class action research proposal
- 5) Training on proposing copyright for scientific works, for lecturers and researchers  
This activity is specifically for lecturers and researchers, especially those who have never proposed copyrights to their scientific work, whether in the form of written works, software, works of art, music and so on. The output of this activity is the publication of copyrights for the work of lecturers or researchers.
- 6) Scientific consulting services  
This activity is specifically for lecturers and researchers, especially those who are less familiar with research activities, especially data analysis. The output of this activity is the preparation of the final research report.
- 7) Guest lecture on scientific publications for lecturers and students  
This activity is specifically for lecturers and students, especially those who are less familiar with scientific publications. Guest lecture topics include: avoiding plagiarism, how to write good manuscripts, types of scientific articles, procedures for scientific publications and so on.



Figure 2. Guest lecture activities in Indonesia

### HUMAN RESOURCE DEVELOPMENT

The sustainability of an organization is determined by the involvement of human resources, both human resources from within the organization, as well as from outside the organization. Regarding internal human resources, at the beginning of its establishment, HNST was only supported by 5 organizational leaders, from two countries namely Indonesia and Ghana. Now the resources of the HNST organization have increased to 20 people from Indonesia, Ghana, the Philippines, Thailand, Nigeria and Kazakhstan. Meanwhile, external human

resources have developed significantly. At the beginning of the HNST activity, which began the operation of the journal "Health Notions", the authors involved were from Indonesia and Ghana. Furthermore, from year to year, writers from other countries are increasingly involved, such as the Philippines, Thailand, Nigeria, Saudi Arabia and India. Likewise, the involvement of reviewers. In the beginning of its activities, "Health Notions" can only involve reviewers from Indonesia, but now it can involve reviewers from other countries as well.<sup>(2)</sup>

#### **FUTURE DEVELOPMENT PLAN**

The activities and human resources of HNST have experienced significant development for 2 years since the founding of this scientific organization, but this must not stop there. There are still many strategic efforts that still need to be developed. For scientific publications, future plans are: 1) establishing new scientific journals outside the health sector; 2) established international scale scientific book publishing. For training and assistance activities, future plans are: 1) broadening the scope of training and mentoring, especially outside Indonesia; 2) building cooperation with government agencies for applied research assistance; 3) accompanying inclusion to journal indexers.<sup>(2)</sup>

#### **CONCLUSION**

At the age of 2 years, HNST has achieved significant developments in carrying out its ambition to actively participate in advancing science and technology and on an international scale. In future plans, HNST will focus on expanding journals, publishing books, extending training and assistance as well as collaboration with government agencies.

#### **REFERENCES**

1. HNST. The Work Report of Humanistic Network for Science and Technology in 2017. Ponorogo: HNST; 2017.
2. HNST. The Work Report of Humanistic Network for Science and Technology in 2018. Ponorogo: HNST; 2018.
3. HNST. Health Notions Volume 1 Number 1 (2017) [Internet}. Health Notions. 2017 [cited 2019 Jun 30]. Available from: <http://heanoti.com/index.php/hn/issue/view/hn101>