



УДК 802.0(07) 327.81

**MS STUDENTS' PUBLIC SPEAKING SKILLS RELATED TO THE ARCTIC DEVELOPMENT AND SAFETY****НАВЫКИ ПУБЛИЧНОГО ВЫСТУПЛЕНИЯ СТУДЕНТОВ МАГИСТРАТУРЫ В АСПЕКТЕ АРКТИЧЕСКОГО РАЗВИТИЯ И БЕЗОПАСНОСТИ**

Demidovskaya A.E. / Демидовская А.Е.

*c.p.s., as.prof. / к.п.н., доц.*

SPIN: 9524-6325

Elukova Zh.A. / Елукова Ж.А.

*c.ph.s., as.prof. / к.ф.н., доц.*

SPIN: 8570-9215

*Northern (Arctic) Federal University named after M.V. Lomonosov (NArFU), Severnaya Dvina**Emb., 17 Arkhangelsk, Russia 163002**Северный Арктический федеральный университет имени М.В. Ломоносова,**Россия Архангельск, Набережная Северной Двины, 17, 163002*

**Abstract.** *This work deals with the issues of public speaking skills criteria as a part of scientific information-processing competence of MS students. New requirements for undergraduates and postgraduates have been introduced in the Russian system of education in recent years. A large amount of standards were published by experts in the field of public speaking skills assessment of students. The purpose of the article is to show the importance of skills formation that students need in the situations where they have to communicate orally in English (giving formal presentations, participating in group discussions, acting in real emergency situations etc.). Attempts are made to analyze both strengths and weaknesses of student's abilities in the area. The results of the study show the dependence of MS students with high language skills proficiency on a much greater chance of economic advantage, and career. This paper will focus on some key skills to be taken into account when preparing MS engineering students for scientific conferences.*

**Key words:** *public speaking skills, language learning achievements, learning strategies, scientific discussion, subject area, critical thinking developing, linguistic performance*

**Introduction**

The Northern Arctic Federal University's named after M.V. Lomonosov (NArFU) strategic tasks are closely linked with implementation of the national geopolitical interests in the Russian Arctic area, its continental shelf and infrastructure. The University creates conditions necessary to support the industrial projects being launched in the polar region with personnel and technologies [3].

So, MS students' study courses at the university are provided according to the University's mission. As a rule, various master's level programs are now available in English. The university provides courses to international students from different countries, participating in mobility and exchange programs.

The university emphasizes close contacts with business, industry and services, especially at the regional level, and the education has a pronounced occupational emphasis. Professionals are trained in response to Russian and regional labor market needs. NArFU MS students constantly have to update their knowledge, skills and competences according to new requirements of the local industries and business. Vice versa NArFU should provide consultancy from academic specialists, contract research, short courses for business employees, design and testing of new products,



services or processes, expertise of new materials, products or processes, attracting funding & developing funded research programs (knowledge transfer grant scheme) and other formats of cooperation such as seminars, interactive workshops, conferences, meetings, visits, telephone and video conferences etc. [2].

Students of Master's degree programs are expected to conduct scientific research with a distinctly applied and practical focus. Their research has to promote regional development in particular. During completing a two-year work experience requirement they should also receive funding from the Ministry of Education of Russia and various organizations.

### **NArFU Master's program courses requirements**

It is needless to say that NArFU is entering at the same time an exciting and complicated phase of development. Its international reputation helps to attract researchers from many countries. As a result, speaking English for academic purposes is a key competence of students [4]. Master's program students at NArFU have the opportunity to study the subject of their first degree at an advanced level, or develop new skills and knowledge. The University offers them the opportunity to enhance their career prospects by developing knowledge and skills relevant to their chosen career. The structure of Master's program courses involves several elements. Firstly, supervised reading and presenting scientific summaries orally is to be noted. When students are admitted for research they are carefully matched with a scientific supervisor experienced in the field of their personal research interests. Scientific supervisors assist students in formulating a research proposal. They assist students to complete their program of study successfully and within the permitted length of time [1; 5].

However, it is also important to remember, that a research degree is an opportunity to carry out an independent and original piece of work. MS students should learn how to design and carry out work on their thesis. University courses are designed to include a range of methods of assessment consisting of giving presentations in English, preparing reports, participation in discussions and roundtables. Through a combination of abovementioned techniques students have a chance to actively contribute to the international reputation of NArFU, express their viewpoints, develop their analytical frameworks and communicate their meaning effectively in the chosen subject [6].

### **Making a valuable presentation in an original manner**

The ways we are assessing public speaking skills of students have changed recently – so, in order to interpret the results it is essential to answer the following questions: First, what does a valuable presentation mean? Second, what is public speaking skills effectiveness?

It is important to note, public speaking skills are defined as a competence that has some purposes. It has to enhance learning, to support processing scientific information, including understanding, analyzing and using different forms of information, and interpreting specific domains of knowledge orally in public. A perfect native-speaker accent as well as grammatical accuracy is also important.



However, the real issue is how to integrate public speaking skills in the university curricula. Public speaking skills modules are to be an integral part of the course of English for MS students. These modules will show how well the student is prepared for academic discussion. The modules should provide update knowledge and information that will have a major impact on students' career and life chances.

When speaking publicly about scientific issues some aspects have to be taken into account. Firstly, students have to demonstrate meaningful application of knowledge in their subject areas. Secondly, using interactive techniques is to be noted. And finally, they have to meet all the formal criteria of presentation performance which can be assessed easily and quickly by experts and colleagues.

The objective of public speaking skills is to help MS students know more about how to be ready to be assessed and evaluated in order to enhance their opportunities and professional reputation in the global and regional market.

The NArFU academic staff has been charged with developing and implementing assessment materials (фонд оценочных средств) where MS students are required to deal with a variety of activities that affect their ability to perform orally. They should speak about job search, the experience of work, working environment, working condition, professional hazards, safety and accident prevention, emergencies in the chosen field.

### **Conclusion**

In conclusion some major factors are to be noted. First, the effectiveness of public speaking skills of students is based on modern learning techniques developing. Moreover this will encourage linguistically disadvantaged graduates. Second, public speaking awareness will provide self-motivation and self-determination of MS students. Third, public speaking skills have to be developed as a way to process scientific information that is useful in a real academic discussion. The more students are engaged with their subject area in scientific discussions during university courses of English (seminar / one-to-one discussion / group work), the more they develop their fluency and critical thinking skills which are an integral part of MS students' linguistic performance.

### **References:**

1. Demidovskaya A.E., Elukova Zh. A. ESP modern aspects: The Arctic as a territory of international cross-disciplinary dialogue//21 century: fundamental science and technology XII: Proceedings of the Conference. North Charleston, 24-25.04.2017. - North Charleston, SC, USA: Create Space, 2017. - Pp. 112-114.
2. Elukova Zh. A. NArFU named after M. V. Lomonosov as the connecting link in the Northern-Russian knowledge transfer system//Transfer znanij v nauke, obrazovanii i biznese: puti vzaimodejstvija Rossii i Germanii./Otv. red. L.Ju. Shipicyna. Arhangel'sk: Press-Print, 2015. Pp. 188-193.
3. NArFU [https://narfu.ru/en/university/introducing/mission\\_goals/](https://narfu.ru/en/university/introducing/mission_goals/) (access date: 05.06.18).
4. European Language Portfolio (ELP): rules for the accreditation of the ELP models. Strasbourg: Council of Europe, Document DGIV/EDU/LANG (2000) 26 rev.



<http://www.coe.int/ru/web/portfolio> (access date: 01.06.2018).

5. Demidovskaya A.E. CROSS CULTURAL LITERACY AND PROFESSIONAL DEVELOPMENT IN THE ARCTIC // Academic science - problems and achievements XIV. - North Charleston, USA: CreateSpace, 2017. – Pp. 129-131.

6. Demidovskaya A.E. Implementing modern engineering training ideas into the English language educational process // 21 century: fundamental science and technology V: Proceedings of the Conference. North Charleston, 01-02.12.2014 г. - North Charleston, SC, USA: Create Space, 2014. - Pp. 60-63.

***Аннотация.** В статье рассматриваются проблемы, связанные с формированием и оценкой навыков публичного выступления как неотъемлемой части работы с научной информацией студентов магистратуры. Цель - раскрыть важность формирования навыка устной речи на английском языке в рамках исследуемой магистрантом научной тематики. В соответствии с нормативными документами высшего образования РФ, указанный навык необходим будущему специалисту в ситуациях, таких как, подготовка и представление научных презентаций, участие в групповых обсуждениях профессиональных проблем, а также эффективное реагирование в реальных чрезвычайных ситуациях и т. д.*