

PERSONAL INFORMATION

Tursyngalieva Gulym Nurlanovna



📍 The Republic of Kazakhstan, City of Karaganda, st. University 28, E.A. Buketov University of Karaganda



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| Date of birth: 30/06/1984

PLACE OF WORK, POSITION

Karaganda Buketov University , Senior Lecturer at the Department of Applied Mathematics and Informatics

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Master of Computer Science

WORK EXPERIENCE

Place and date

- **from September 2006 to October 2006** - Lecturer at the Department of Information Systems, Karaganda University "Bolashak"
- **from October 2006 to 2015** - Lecturer at the Department of Applied Mathematics and Informatics, Buketov Karaganda State University
- **from 2015 to the present** - senior lecturer of the Department of Applied Mathematics and Informatics, Buketov Karaganda State University

EDUCATION AND PROFESSIONAL TRAINING

Education

- **2002-2006** – Buketov Karaganda State University, Department of Information Systems, specialty - " Information Systems ", qualification - "**Information Systems Specialist** " (with honors)
- **2007-2009** – Buketov Karaganda State University, Faculty of Mathematics, Department of Applied Mathematics and Informatics, specialty - "Informatics", qualification - **Master of Computer Science** (with honors)

Professional trainings, Scientific trips

- **9.11.2016-17.11.2016** – Newcastle University: North Leadership Centre «Learning and Teaching in Higher Education», Newcastle-Apon-Tyne (Great Britain, Newcastle upon Tyne)
- **November 2016** - "Modern pedagogical technologies", FPC JSC "National Center for Advanced Studies" Orleu "(Almaty)
- **28.05.2017-10.06.2017** - Research and educational internship at the Faculty of Information Technology of the Czech Technical University (Czech Republic, Prague);
- **15.05.2017-16.06.2017** - English language course (Czech Republic, Prague, Jipka language school);
- **2018** - course on the topic "Технологии параллельного вычисления суперкомпьютерного моделирования", certificate dated 6.11.2018, NSU (Russia, Novosibirsk)
- **11.06.2020-25.06.2020** – «Big Data Analytics course», Suleyman Demirel University , SIT 21/022 (Kaskelen, Kazakhstan).

SKILLS DEVELOPMENT INFORMATION

- **2019** - The Elsevier trainings for “Increase Research Effectiveness via Scopus and Science Direct”, Certificate of 09 April 2019;
- **2020** - Courses under the Creative Spark: "Higher Education Enterprise" program, funded by the British Council "Creative teaching methods" (L.N. Gumilyov ENU, certificate dated 05/12/2020);
- **2020** - "Writing Publishable Papers in Impact Factor Journals" (LN Gumilyov ENU, certificate dated 05/12/2020);
- **2020** - "Introduction to Big Data", Online-course by University of California San Diego and offered through Coursera (Nov 30, 2020).
- **2021** - Course on training experts in the evaluation of textbooks and educational and methodological complexes, Certificate dated 09.2021;
- **2022** - "Introduction to the theory of algorithms", Karaganda University named after E.A. Buketov, Certificate dated 17.04.2022;
- **2022** - "Java for beginners: from zero to the Oracle certificate", certificate dated May 19, 2022

PERSONNEL QUALITIES

Native language **Kazakh**

LANGUAGE	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Oral speech		
Russian	B2	B2	B2	B2	B2
LANGUAGE CERTIFICATE: No					
English	B1	B1	B1	B1	B1
LANGUAGE CERTIFICATE: CERTIFICATE AVAILABLE					

Digital skills

Advanced user: Microsoft Office (Word, Excel, Power Point, Access); graphic editors (Coreldraw, Adobe Photoshop), knowledge of operating systems: Windows; knowledge of programming languages: C ++, C #, Python, Java.

Other skills (hobbies)

Reading, music, board games

ADDITIONAL INFORMATION

Main publications

1. Турсынғалиева Г.Н., Сагиндыков К.М., Конырханова А.А. Қазақстан халықтарының әлеуметтік-этникалық қатынастарының математикалық моделі. Вестник Алматинского университета энергетики и связи. Научно-технический журнал. Алматы, 2019. №1(44). – С.38-44.
2. Турсынғалиева Г.Н., Сагиндыков К.М. Топтардың ағымдық қозғалыстарын сипаттайтын математикалық модельдер. «Интеллектуалдық ақпараттық және коммуникациялық технологиялар – «Қазақстан-2050» стратегиясы аясында үшінші индустриалды революцияны жүзеге асырудың құралы»: V Халықар. ғыл.-практ. конф. баяндамалар жинағы. – Астана, 2018. – С.380-383.
3. Казимова Д.А., Аязбеков Е.У., Мусатай Н., Турсынғалиева Г.Н. АТ-мамандарды инновациялық білім беру технологиялары негізінде дайындау. Материалы Международной научной конференции «Теоретические и прикладные вопросы математики, механики и информатики», приуроченной к 70-летию д. ф.-м. н, профессора М.И. Рамазанова. – Караганда: Изд-во КарГУ, 2009. – С.214-216.
4. Турсынғалиева Г.Н., Сагиндыков К.М. Конырханова А.А. Визуализация математической модели взаимодействия этнических групп с помощью программного языка. Вестник КазНИТУ. Серия Физико-математические науки. – Алматы, 2020. №5(141). – С.569-573.
5. Tursyngaliyeva G. Computer research of the mathematical model of ethnic group development.

Вестник Национальной инженерной академии РК. Серия Цифровые технологии. – Алматы, 2020. №3 (77). – С.91-94.

6. Турсынғалиева Г.Н. Сагиндыков К.М., Қоңырханова Ә.А. Этникалық жүйелердің математикалық моделін Matlab пакетінің көмегімен зерттеу. Сборник материалов международной научно-практической конференции «Шокан оқулары - 24», посвящённой 185-летию Шокана Уалиханова. - Кокшетау, 2020. Т.2. – С.113-122.

The number of published scientific and educational-methodical works - more than 40, of which:

- in editions recommended by CQAES of MES of RK - 6;
- in publications located in the RSCI database, including journals from the list of HAK - 1;
- teaching aids, electronic textbooks (co-authored) - 6

The number of published scientific and educational-methodical works

In total - 11, of which:

— in magazines of the far and near abroad – 11.

Courses

1. Основы систем Big Data
2. Методы анализа больших данных
3. Computer Networks
4. Информационная безопасность и защита информации
5. Программирование на Java
6. The Basics of Big Data Systems

Professional and scientific interests

- modern information technologies, multimedia technologies, programming;
- Big Data.

SCIENTIFIC DATABASES IDENTIFIERS

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