



1. **Host country:** United States of America
2. **The foreign organization:** University of California Santa Barbara
3. **Duration:** 3 months (January 6 to April 3, 2020)
4. **The speciality according to the List of Priority Majors for undergoing the research internship under the «Bolashak» International Scholarship:**
Pedagogy (30T)

5. **Theme:** “Developing scientific and innovative approaches to tackle pedagogy challenges to attain goals of the Kazakhstan Republic Education Development Program Act 2011-2020.”

6. **The actuality and novelty:** Present day educational challenges of higher education require solid and balanced solutions. Pedagogy evolves as a science due to digital technologies available to every learner around the globe. Digital pedagogy primarily aims at balancing digital and face-to-face interaction in the class. Nothing can substitute human interaction between peer learners, but self-digital learning experience plays a crucial role in student scholastic achievements. However, research may reveal learners’ psychological disorders in overusing digital technologies. We can safely claim that new learning technologies will only expand and grow in every day usage. Higher education institutions need to embrace digital learning technologies as well as develop methodology to harmonize the co-existence of self-learning and teacher-student interaction experiences.

7. **The aim:**

- research and development of scientific approaches to address pedagogical challenges Kazakhstani education system encounters today.

8. **The tasks:**

- conduct the comparative analysis of the principles of successful education in the United States;
- publish scientific articles on e-learning solutions, multilingualism and digital pedagogy issues;
- produce digital interactive learning materials.

9. **The internship stages:**

The 1st stage - familiarization (familiarization with literature on the research theme; material resources and educational process of the university)

The 2nd stage - investigative (studying, synthesis and analysis of pedagogical experience, reviewing scientific materials on the research theme)

The 3rd stage - final stage (writing a report and recommendations).

10. **The research objective:** develop new applicable pedagogical solutions and recommendations for Kazakhstani higher education institutions in achieving global recognition in terms of teaching, research, and scientific publications.

11. The research methods in use: - Theoretical (synthesis and analysis of legislative, standard legal base, program-methodical materials, philosophical, sociological, psychological and pedagogical literature according to the research problem);

- Empirical (comparative, system, retrospective analysis, synthesis of pedagogical experience, studying official materials, state reports and program-methodical documents of the education system);

- Diagnostic methods (standard diagnostic techniques, questioning, interviewing, conversation, a method of expert estimations).

12. Necessary material and technical supplies: PC, scanner.

13. The expected results: publication of field related scientific articles and textbooks.

14. The planning schedule for undergoing the research internship abroad

The internship planning schedule:

№	Name of activities	Activities period	Technologies and research methods	Reporting forms
1.	Review of literature on pedagogy and articles on research theme	06.01.2020 – 17.01.2020	synthesis and analysis of data	Written report
2.	Comparative analysis and synthesis of pedagogical issues	20.01.2020 – 31.01.2020	Reviewing articles, discussion panels	Written report
3.	Studying and investigation of textbooks, reports and articles related to pedagogy	03.02.2020 – 10.02.2020	Analysis and study of scientific sources on the research theme	Written report
4.	Meeting with faculty and attending open lectures	10.02.2020 – 14.02.2020	Observation and analysis of gathered data	Written report
5.	Visit the university labs, start-up offices, business incubators	17.02.2020– 28.02.2020	Interviewing staff members	Written report
6.	Writing a report and scientific articles	02.03.2020 – 13.03.2020	Analysis and study of scientific sources on the research theme	The article and the textbooks will be written by the received results

7.	Field trips to specified entities	16.03.2020-27.03.2020	Observation, data gathering and interviews	Written report
8.	Summary of the internship	30.03.2020-03.04.2020	Final meeting with UCSB faculty and staff	Grand report on training findings and further recommendations

