



LEPL Samtkhe-javakheti State
University

Mechanism for evaluating the quality of research activities of academic staff and the results of the evaluation

Quality Assurance
Service

2014-2019

LEPL Samtskhe-Javakheti State University seeks to establish its place in both fundamental and applied research. Fundamental research at the university is in the humanities in philology, history, ethnology, and culturology, although the results of the study may be of some practical application. The results of onomastics research at the state level identify many problems.

The subject of research from agrarian sciences depends on the order of the region, so its practical purpose is high, as well as the economic problems of the region.

The studies of the LEPL Samtskhe-Javakheti State University are interdisciplinary, which is also conditioned by the peculiarities of the region. For example, onomastics studies, using the methodology, research and methodology of history, ethnology, geography and other sciences.

The agrarian and economic directions create the perspective for bioeconomic interdisciplinary research.

Without internationalization of research it is impossible to develop scientific-research activities at the LEPL Samtskhe-Javakheti State University. Approval of our research results and consequently involvement in the international scientific space begins with the interaction with our immediate neighbors. In this regard our partners are Turkish universities with whom we have close contacts. Our professors read reports at European universities.

Agriculture has a major share in the Samtskhe-Javakheti economy. Samtskhe-Javakheti is one of the most prominent regions in Georgia in terms of ongoing and planned pilot projects in the field of agriculture. University involvement in pilot studies in the region is an organic and natural process and requires no special effort. It is important to implement joint projects with international and local NGOs.

The following publications have been issued by 2008, based on grant projects from the academic staff of the University, Professor Tina Ivelashvili, at the Shota Rustaveli National Science Foundation:

1. Women's Property and Property Status in Southern Georgia, Tbilisi, 2009 (! N°019.08);

2. Ethnic Minorities in Samtskhe-Javakheti, Tbilisi 2015 (No. 31.83);
3. Religious minorities in Samtskhe-Javakheti, prepared for extradition (FR 17_89).

Academic activities abroad of academician Avtandil Korakhashvili:

1. Effective Innovation Technology of Seed Pilling for Legumes (2018), AASSA Conference-Workshop, Jakarta, Indonesia, pp. 15-19 (in cooperation).
2. The Biodiversity Study of Thirty Two Families of Useful Plants Existed in Georgia, (2018), World Academy of Sciences, International Conference, Vol: 12, No: 10, Tokyo, Japan, pp. 377-380.
3. Adaptation of Food Safety Communication Systems RASFF and INFOSAN in Georgian Cheese Production (2017), AASSA-INSA-NISCAR Conference, New Delhi, India, pp. 20-29.
4. Increasing Biological Nitrogen Fixation by Legumes Seed Pelleting (2014), The International Conference, Alma-Ati, Kazakhstan, pp. 56-59.
5. Regeneration and Conservation of Chickpea Genetic Resources of Georgia (2014), International Conference on Enhanced, Genepool Utilization, Cambridge, United Kingdom, pp.43-44.
6. Enhancement of Pecan Tree Germplasm in Georgia (2014), The International Conference, Uzbekistan, Tashkent, pp. 23-25.

Lecture Course in China

1. Shandong University, 2016, "Soil Bioremediation and Sustainability for Sustainable Development"
2. University of Ludong, 2018, "European and World Systems for Food Safety Alarm"

Associated Professor Vasil Tabatadze's Scientific Activities Abroad:

1. PIERS PhotonIcs & Electromagnetics Research Symposium also known as Progress In Electromagnetics Research Symposium Piers 2019 in Rome Italy, 17-20 June 2019
2. 2017 XXIIInd International Seminar / Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED 2017) 25-28 September 2017, Dnipro, Ukraine.

3. Since July 18, 2018, I have been invited as Associate Professor at the Institute of Informatics of Istanbul Technical University.

Scientific activities planned and carried out by Professor Revaz Chigladze abroad:

On September 16-20, 2019, International Scientific Conference on "Physics of Stars and Planets: Atmospheres, Activity, Magnetic Fields" will be held in Astrophysical Observatory of Azerbaijan. (stellaratm2019@gmail.com). A member of the organizing committee of which I refer to: "Polarimetric Investigations of the Moon and Planets at the Abastumani Astrophysical Observatory" (an official invitation letter and conference program).

Invited Professor Medea Burjanadze's Scientific Activities Abroad:

1. ISAS 2019, 3rd International Symposium on Innovative Approaches to Scientific Research April 19-21, 2019, Ankara, Turkey "Control strategies against invasive pest Box Tree Moth - *Cydalima perspectalis* in Georgia" (Oral Report, in English)

2. PheroFIP 19, IOBC / WPRS Working Group on "Pheromones and Other Semi-Chemicals in Integrated Production" and "Integrated Fruit Crop Management"

January 20 - 25, 2019, Lisbon, Portugal. "The Determination of the Effectiveness of Pheromone Traps for the Control of Box Tree Moth - *Cydalima perspectalis* in Georgia", (Oral Report, in English).

3. 51st Meeting of the Society of Invertebrate Pathology, Goldcastost, Australia, 2018 "Diversity of Entomopathogenic Fungi from Forest Ecosystem of Georgia" (Oral Report, in English).

First records of *Beauveria* sp. and *Isaria* sp. occurrences in the invasive Brown Marmorated Stink Bug, *Halyomorpha halys* in the Georgian Republic.

4. First Congress of Biological Control, Healthy Planet, Beijing, China, 2018. Potential of entomopathogenic fungi as natural agents for the protection of hazelnuts orchards from large bud mites *Phytoptus avellanae* Nal. and *Cecidophyopsis vermiformis* Nal. (Acarina: Eriophyoidea) in Georgia. (Oral report, in English).

5. 5th International Symposium on Biological Control of Adolescents. Langkawi, Malaysia 2017 / Potential of entomopathogenic Hyphomycetes for control of forest and urban Lepidoptera in Georgia, (Lecture Report).
6. 2017 16th European Meeting "Insect Pathogens and Insect Parasitic Nematodes" Tbilisi, Georgia (organized by M. Burjanadze) <http://chemistry.ge/conferences/iobc-2017>. "Effect of Ultraviolet Radiation and tolerance screening on native isolates of Beauveria spp". (Oral report, in English). "First report of entomopathogenic fungi on the insect vector *Hyalesthes obsoletus* Signoret (Hemiptera: Cixiidae) in Georgia" (Oral Report, in English).
7. 49th Meeting of the Society of Invertebrate Pathology, Towers, France, 2016
Effect of temperature on germination, radial growth and spore production of different isolates of *Beauveria bassiana*. 49th Annual Meeting Society for Invertebrate Pathology, Tours, France, (Lecture Report).

University Academic Staff Receives Inter-University Grants in 2018:

1. Testing Nanotechnologies in Perennial and One-Year Cultures in Agronomy Study Plot near Samtskhe-Javakheti State University, Building I and II, Project **Leader Zaira Tkebuchava**
Member of the management team **Teimuraz Gvaramadze**
2. Field exploration (excavation) archeological works in Aspindza Municipality, Project **Leader Tamar Matiashvili**

International Study Grants / Projects:

1. Curriculum Reform for Promoting Civic Education and Democratic Principles in Israel and Georgia (CURE); European Union EU –Erasmus + Contribution #: 573322-EPP-1-2016-1-IL-IPPKA2-CBHE-JP (2016-2972 / 001-001; 2016-2020
Institutional Manager and Trainer **Tina Gelashvili**
Management Team Members - Researcher-Teacher **Guliko Janova**
Management Team Membership - **Irma Kurdadze**
2. Assessment tools for HE learning environments; EU-EU-ERASMUS + ASSET-585587-EPP-1-2017-1-IL-EPPKA2-CBHE-JP; 2017-2020

Institutional Manager and Trainer **Tina Gelashvili**

3. Academic Integrity for Quality Teaching and Learning in Higher Education Institutions in Georgia; EU-EU-ERASMUS + INTEGRITE-585841-EPP-1-2017-1-GE-EPPKA2- CBHE-SP;

Institutional Manager and Trainer **Tina Gelashvili**

4. Georgian National Science Foundation “Fermi | Lattice Blazers Monitoring with Targeted Optical Telescopes”, Grant 217950, 2016-2019.

Main staff Revaz Chigladze.

Scientific activities organized by LEPL Samtskhe-Javakheti State University:

2014 year

- **International Scientific Symposium** "World War I and the South Caucasus" (Tbilisi, June 19);
- **The second day of the International Symposium** dedicated to the 200th anniversary of Petre Volichirashvili's birth (Akhaltsikhe, June 20);
- (Joint event of GTU and Samtskhe-Javakheti Teaching University);
- **Republican Scientific** Conference on Onomastics - Akhaltsikhe 2014, July 11-12;
- **Republican Conference** of Professors and Teachers - "Modern Problems and Perspectives on Education", December 26 Humanities;
- 2nd Republican Student Scientific Conference, Information Technologies and Their Uses, May 29-30;
- XI Scientific Conference of Inter-University Students, June 5;
- Inter-University Professors' Scientific Conference, June 12;
- XII Scientific Conference of Inter-University Students, December 18;

2015 year

- The International Scientific Conference 'The Problems of Modern Astrophysics - II', October 7-9.

- Republican Scientific Conference on Onomastics - Akhaltsikhe-2015 Akhaltsikhe, July 10-11;
- Inter-University Scientific Conference "Current Problems of Economics and Business", June 05-06;
- 3rd Republican Student Scientific Conference, Information Technologies and Their Uses, May 28-29;
- Undergraduate Student Scientific Conferences:
Faculty of Education, Social and Humanities
Faculty of Business Administration
Faculty of Law
Faculty of Engineering, Agrarian and Natural Sciences
- Inter-University Professors' Scientific Conference, March 26;
- Scientific Conference of Professors, November 11.

2016 year

- International Scientific Conference "The Modern Problems of Astrophysics - II" (The International Scientific Conference 'Problems of Modern Astrophysics - II') September 28-29;
- International Seminar on Turkish-Georgian Relations - History and Modernity, INTERNATIONAL SCIENTIFIC WORKSHOP: Turkish-Georgian Relations: History and Modernity - 21-24. 04;
- Inter-University Scientific Conference "Current Problems of Economics and Business-II", October 13-14;
- Scientific Conference of Professors and Teachers of Faculty of Education, Humanities and Social Sciences dedicated to Shota Rustaveli's 850th Anniversary, November 9;
- Undergraduate Student Scientific Conferences:
XIII Scientific Conference of Inter-University Students, April 26 (Akhalkalaki);
Faculty of Education, Social and Humanities - May 19;
Faculty of Business Administration - May 24;
Faculty of Law - May 19;

Faculty of Engineering, Agrarian and Natural Sciences - May 18.

- Orphanage Competition of the MPS, Samtskhe-Javakheti State University and National Agency for Cultural Heritage Preservation of Georgia, June 22-23, 2016;

2017 year

• Undergraduate Student Scientific Conferences:

Faculty of Education, Social and Humanities - May 18

Faculty of Business Administration - May 30

Faculty of Law - May 18

Faculty of Engineering, Agrarian and Natural Sciences - May 24

- Scientific Conference of Professors and Professors of Faculty of Education, Humanities and Social Sciences dedicated to Ilia Chavchavadze's 180th Anniversary, June 1;
- St. 1st Round of the Akhaltsikhe School Olympiad in Mathematics, April 23;
- St. Second Round of Akhaltsikhe School Olympiad in Mathematics, May 25

2018 year

- Republican Scientific Conference - "State Language Policy and Samtskhe-Javakheti Onomastics". The conference was held with the participation of Samtskhe-Javakheti State University, State Language Department and Samtskhe-Javakheti Regional Administration within the framework of Science and Innovation Festival, Akhaltsikhe, September 22-23, 2018;
- Scientific-Teacher Scientific Conference dedicated to the 100th anniversary of the restoration of Georgia's independence and the founding of Ivane Javakhishvili Tbilisi State University, April 25.
- Student Scientific Conference, May 30;
- Students' Scientific Conference - "Student Problems of Agrarian Issues in Samtskhe-Javakheti Region - 2018", March 14

- 5th Conference of English Language Teachers of Samtskhe-Javakheti “New Strategies and Facilities for English Language Teaching and Civic Awareness in Diverse Classes” Organized and Participated in the topic: “Developmental Assessment” (US Alumni Grant 2018) 03-04.11, 2018 .

2019 year

- Undergraduate and Postgraduate Student Scientific Conference, April 24;
- School Teachers' Scientific Conference "Modern Challenges of Education" - 2019. May 28;
- Conference of Professors and Doctoral Students - May 16.

LEPL Samtskhe-Javakheti State University has established a scientific collection “Gulani”, which has been in existence since 2008 and has published 21 issues of the collection and 22 of them have been prepared for publication. It is worth mentioning that the university holds weekly scientific meetings, the university community is also actively involved in Tomeli, and on February 7, 2017 in the conference room of the National Library of Samtskhe-Javakheti State University (2008-2016) published scientific issues (1- 20) Presentation was held.

During the academic years 2014-2019, reports were delivered by university PhDs, academic and invited staff and they provided approximately 187 reports, most of which were printed. With the support and support of the University, the scientific journal "Aravis" (22 collections are currently published), the scientific journal "Economics, Business, Governance", the international scientific journal "Astronomy and Astrophysics" operate with the high involvement of the university community.

In order to promote the sustainable development of scientific research activities, a workload scheme has been developed at the LEPL Samtskhe-Javakheti State University, which defines a mandatory share of academic work for academic staff and provides a diverse list of scientific activities and events. The value recognized by the university - freedom, this time

is also envisaged and the professor is given the opportunity to freely choose the desired scientific activities and plan the academic year.

Scheme of academic staff workload

Professor

Pedagogical 40%

Scientific 40%

Elective 20%

Associate Professor

Pedagogical 50%

Scientific 30%

Elective 20%

assistant professor

pedagogical 60%

scientific 20%

Elective 20%

Pedagogical activities-compulsory

The pedagogical load is defined and includes:

A) Contact hours (10/12/14)

B) holding consultative hours

C) preparation / updating / processing of syllabus provided by the program

D) Preparation / assessment of final and intermediate exams (optional)

Teaching activities staff choose:

➤ Educational program leadership:

1. Undergraduate Program-10

2. Master's Program - 10

3. Doctoral Program-10

➤ **Coordination of the educational program:**

1. Undergraduate Program 5

2. Master's Program 5

3. Doctoral Program 5

➤ **Module Leadership / Field / Direction:**

1. Undergraduate Program 5

2. Master's Program 5

3. Doctoral Program 5

Exercises / Tests Pract. Assignment Authorization (on request) - 30

Exercises / Tests Co-authored Practical Assignments - 15

Lecture Course Authorship 30

Lecture Course Co-authorship 15

Video Lecture (full course) - 30

Resources for distance learning - 20

Public-Educational-Cognitive Events - 5:

(Public lecture, excursion, training, seminar, etc.)

Scientific activity (compulsory) - one year work

➤ Scientific work in Impact Factor publication - 60

➤ Scientific work in Impact Factor Co-authorship - 30

Scientific activities (staff chooses)

1. Implementation of the scientific component of the educational program -

• Doctoral level

• Leadership - 15 - 45 (Prof.; Associ. Prof.)

- Co-guidance - 10-30
- MA level - 10-30 (prof; associate professor)
- Undergraduate level - 5-25 (Prof.; Associate Prof. Assistant Prof.)

2. Scientific work

- Monograph / Monograph Translation (with requirements) - 60
- Monograph / translation of monograph (subject to requirements), co-author - 30
- Textbook Authorship-60
- Textbook Co-authoring - 30
- Scientific work in international publication / translation (subject to requirements) - 20
- Scientific work in international publication / translation (with requirements) co-authorship - 10
- Scientific work in local publications-10
- Research work Local co-authorship - 5

3. Scientific-research projects

Fundamental Studies - 60

- Project Management - 60
- Management Team Membership - 30
- Participant - 20

Joint research with the participation of compatriots working abroad - 60

- Project Management - 60
- Management Team Membership - 30
- Participant - 20

Applied Research - 60

- Project Management - 60
- Management Team Membership - 30
- Participant - 20

State grant. Scientific Studies of Georgian Material and Spiritual Heritage Abroad - 40

- Project Management - 40
- Management Team Membership - 30
- Participant - 20

Presidential Grants for Young Scientists - 40

- Project Management - 40
- Management Team Membership - 30
- Participant - 20

Research within Doctoral Education Program - 30

- Project Management - 30
- Management Team Membership - 20
- Participant - 10

Research within the framework of a university research grant-20

- Project Management - 20
- Management Team Membership - 10
- Participant-5

4. Scientific Conference / Forum / Symposium / Congress - 20 points

Report

- International - 20
- Republican-15
- University-10

Organize

- International - 20
- Republican - 10
- University-5

5. Various scientific publications / papers

Editorial - 20

- Review - 10
- Opposition - 10

- Dissertation Commission Membership 10
- Editorial Board Membership - 10
- Conference Topic Management - 5 (Bachelor, Master, no more than three)

6. Scientific advisory and expert activities - 20 points

- Internationally - 20
- Throughout Georgia – 10

7. Public scientific-popular activity (seminar, training, workshop, summer, watermelon school, university-commissioned research (students, professors) - 10

Organize / participate

Internationally - 10

Within Georgia -10

There are four faculties at LEPL Samtskhe-Javakheti State University:

1. Faculty of Education, Humanities and Social Sciences;
2. Faculty of Business Administration;
3. Faculty of Law;
4. Faculty of Engineering, Agrarian and Natural Sciences.

Higher education programs are implemented by the University: 64 highly qualified academic staff, of which 18 are professors, 44 are associate professors, 2 are assistant professors; 59 of them are affiliated.

At the end of the 2018-2019 academic year, in accordance with the Action Plan of Faculties Quality Assurance Services, the academic staff has submitted a scientific-pedagogical report on **pre-designed academic staff workload requirements**.

It is noteworthy that each of the academic staff presented the relevant faculties in a timely manner. Accordingly, the Faculty Quality Assurance Specialists provided the QAU with information from each of the staff, based on which we evaluated and analyzed the material. For the first time this year the report was presented with this structure, our findings and

the opinions of the later staff were also interesting. The information and activities on the scientific productivity of each academic staff can be found in the tables below.

A few notable features that have been revealed in the documentation

During the study:

1. All professors performed the pedagogical and scientific component;
2. Examination of the reports revealed that lecturers at the Faculty of Education, Humanities and Social Sciences and Business Administration showed the highest scientific activity. It is advisable to have some incentive mechanism for professors who have exceeded the mandatory minimum (eg, the best lecturers of the year, successful lecturers, free printing of their scientific products, etc.).
3. In the case of some professors, the scientific and elective components are combined and represented by a common score. We believe that we need to make even more adjustments in the future to the workload of academic staff;
4. As it can be seen from the graph, all the faculties had higher scores in the field of science. As I have already mentioned, the elective and scientific components are in many cases united, which is why we have achieved such results.
5. If the professor fails to fulfill the compulsory minimum throughout the year, it would be a good idea to ask about his academic position.
6. In our opinion, it is imperative that invited teachers make similar reports, which will enable us to evaluate dynamically the opportunities and activities of each invited teacher.