

THE UNIVERSITY OF WARSAW

THE “EXCELLENCE INITIATIVE – RESEARCH UNIVERSITY”

PLANNED ACTIONS

I. Specific objectives for increasing the impact of the university’s research activity on the development of world science, especially in priority research areas with high development potential, in which the university plans to intensify its research activity

1. Supporting the talented researchers in establishing their position in the global scientific community

Action I.1.1 / IV.1.1 Mentoring Programme

Action I.1.2 Excellent Researchers for Research Excellence

Action I.1.3 Supporting foreign researchers applying for joint prestigious research grants with the University of Warsaw

Action I.1.4 / IV.2.1 Implementation of the financing programme for projects submitted to IF MSCA competitions within the EC initiative “Seal of Excellence”

Action I.1.5 Thematic Research Programmes

2. Improving the publishing in top journals capabilities and implementation efforts of the results of research conducted at the University of Warsaw or jointly with University of Warsaw employees

Action I.2.1 Improvement of publishing capacities

Action I.2.2 Building regional impact through an excellent dissemination

Action I.2.3 Securing funds for patent and publishing activity

Action I.2.4 Supporting Open Access publications

3. Supporting the creation of programmes and research teams that will, in the future, become centers of excellence, i.a. through their internationalisation

Action I.3.1 Transfer learning and meta learning

Action I.3.2 Systemic Risk Research Project

Action I.3.3 Establishing the Centre of Excellence in Social Sciences (CESS)

Action I.3.4 Creation of three research teams that will initiate development of scientific networks conducting studies in the area of civilization diseases, emerging pollutants and circular economy

Action I.3.5 Establishing a Centre for Research on Culture, Language and Mind

Action I.3.6 Digital humanities

Action I.3.7 Establishment of the Centre for Machine Learning (ML)

Action I.3.8 Establishment of the Institute for Advanced Studies (Polish: Instytutu Studiów Zaawansowanych, ISZ)

Action I.3.9 Human mobility and inequalities as seen through digital data-sources

Action I.3.10 Preparation and launching of an interdisciplinary research and teaching project Archeoriental Studies

Action I.3.11 Organization and launching of the research project: Ancient Societies in Action (ASA)

Action I.3.12 Preparation and launching of a research project entitled Non-Anthropocentric Cultural Subjectivity

Action I.3.13 Organization and launching of the research project "Global history – non-European contexts of the Modern World"

4. Maintaining a strong infrastructural backbone allowing for continued research activities at the world level

Action I.4.1 Strengthening the core-facility potential on the Ochota Campus

Action I.4.2 Fund for the Renovation and Development of Research Infrastructure

II. Specific objectives for enhancing research collaboration with research institutions of high international reputation, especially in priority research areas

1. Improving the research partnership within the strategic partnerships with other research institutes

Action II.1.1 Mini-grant programme for inter-institutional research teams in the framework of strategic partnerships

Action II.1.2 Establishing and strengthening cooperation with strategic partners

2. Implementing the comprehensive mobility programme

Action II.2.1 Tandems for Excellence: Visiting Researchers Programme

Action II.2.2 Mobility Fund

Action II.2.3 Support of the relocation process of employees from abroad by introducing solutions facilitating involvement of new foreign employee to work at UW and preparation to stay in Poland

Action II.2.4 Support for the relocation process of employees from abroad by preparing the University of Warsaw academic community and administrative infrastructure for hosting employees from abroad

3. Increasing the collaboration capabilities by improving the research potential

Action II.3.1 Internal Research Panel (Subject Pool)

Action II.3.2 International, multidisciplinary research project: linguistic-cultural diversity, biodiversity and the environment. Understanding global patterns, local results and social implications

Action II.3.3 Development of an expert-research centre in UW Białowieża Geobotanical Station

Action II.3.4 Gamification of worlds in the service of the modern society of the 21st century – cooperation network

Action II.3.5 Central European Social Survey

Action II.3.6 Building Impactful Digital Alliance

Action II.3.7 Increasing the effectiveness and internationalisation of research projects within the area of multilingualism

Action II.3.8 Development of the statistics group

Action II.3.9 Knowledge Lab: Scientometrics for scientific excellence

Action II.3.10 Establishment of the Centre – International Research Network in AMO area

Action II.3.11 Creation of the International Research Network in Applications of Subatomic Physics, Astronomy and Chemistry to Investigation of the Early Universe

4. Implementing a system for communicating scientific achievements and research results

Action II.4.1 Organizing world-wide high-level congresses

III. Specific objectives for improving quality of education provision for students and doctoral training, especially in fields of study and disciplines of science related to priority research areas, taking into account the need to include students and doctoral candidates in research activities and the need to compete effectively for the most talented applicants, including foreign ones, to study programmes and to doctoral schools. The objectives should also take into account implementation of a talent management system

1. Implementing a system for the transfer of newest research results and trends into educational programmes

Action III.1.1 Transfer of research results into study curricula

2. Providing the means of creating unique study programmes and tracks (also within doctoral schools) tied to the research conducted within the POBs

Action III.2.1 Lines of studies in Priority Research Areas – POBs (2nd degree)

Action III.2.2 Advanced Master's Degree Programme

Action III.2.3 Launching a new second-cycle program of studies – “Radiogenomics” within education based on research in POB 1

3. Implementation of a system for enhancing the inflow and development of talented youth

Action III.3.1 Scholarships for Olympians

Action III.3.2 Promotion of scientific research in the public domain

IV. Specific objectives for devising and implementing comprehensive solutions for the professional development of the university's staff, especially young scientists, in the meaning of Article 360(2) of the Law of 20 July 2018 on Higher Education and Science

1. Creating a model of mentorship and community support for young researchers

Action IV.1.2 Creating a system of double doctoral diplomas in the disciplines of computer science and mathematics

Action IV.1.3 "From the Diamond Grant to the ERC grant" – creating individual plans for the research career development

2. Mobility programmes for young researchers

Action IV.2.1 Strengthening of the research potential of the scientific staff, in particular young scientific staff, with the purpose of achieving scientific excellence

Action IV.2.2 Inclusion of talented young scientists in research teams

Action IV.2.3 Mobility of students and doctoral students

3. The grant system for supporting career paths of employees

Action IV.3.1 Internal grants of the University of Warsaw for the employees' research potential increase

4. The model of support in developing ground-breaking programmes and research projects

Action IV.4.1 A complex programme of support for UW PhD students

Action IV.4.2 International Summer Schools for PhD students and young research employees

5. The system for providing equal opportunities in academic careers, supporting young researchers in their professional reintegration and including development needs and deficits of employees

Action IV.5.1 Programme supporting female researchers at the early stage of their career

Action IV.5.2 Programme for young female researchers and teachers

Action IV.5.3 Nursery school and Kindergarten on Ochota UW Campus and child-care facilities at the Warsaw University campus

V. Specific objectives for improving quality of university governance and management, including quality enhancing organisational changes

1. The implementation of a knowledge management platform, integrated with the IT systems used at the university, and an intranet application for internal communication and cooperation

Action V.1.1 The development and implementation of knowledge (and research) management platform integrated with existing university IT systems

2. The enhancement of the accessibility and quality of the services of science support staff (research managers, technical, legal, and administrative services)

Action V.2.1 Streamlining internal communication channels and strengthening cooperation capacity

Action V.2.2 Building the team of research managers

3. The improvement of organizational capacity to obtain and conduct research (especially in POBs), including analyses and data (among others, bibliometrical) that help create strategies for the development of disciplines and support researchers' careers.

Action V.3.1 Development of UW Staff competences

Action V.3.2 Improvement of the system of remuneration of administrative staff

Action V.3.3 Development, adoption and implementation of open science policy at the University of Warsaw

Action V.3.4 UW – a favourable place for conducting ground-breaking research

Action V.3.5 Program for the development and improvement of the researchers' "soft skills"

4. The creation of a model Excellence Initiative management structure with the use of the most current IT tools

Action V.4.1 Management of the Excellence Initiative

Action V.4.2 Creation of infrastructure to ensure the optimal functioning of Priority Research Areas including adequate resources of science support staff and strategic-analytical support

VI. Other specific objectives to raise the international significance of the university's activities: Federalization with the Medical University of Warsaw

Action VI.1 Strengthening and development of cooperation between the University of Warsaw and the Medical University of Warsaw in the federalisation process