

**Application form for research topics  
in the field of the arts  
for candidates to the Doctoral School  
in the academic year 2025/2026**

Proposed subject matter of a doctorate
<b>Searching for pro-social design solutions with particular emphasis on facilities supporting rehabilitation and health-promoting activities</b>
Scientific discipline
FINE ARTS AND ART CONSERVATION
Proposed doctoral thesis supervisor
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Brief description of the research topics with an indication of the scientific issues (max. 350 words)
<p>The research topics concern the search for specialist body systems in relation to material, structure, texture, object or set of objects, aimed at implementing innovative design projects optimized for a specific function. Ergonomic foundations verified by systems characteristic of the problem being studied. Appropriately defined areas of search should result from the specificity of the undertaken detailed problems. Design of objects supporting the performance of specific therapeutic activities (physical exercises, fine and gross motor skills, psychotherapy). Depending on the specific design problem, the topics may concern small, medium or large objects, such as elements of city infrastructure - urban furniture, small architecture. Research should take on a multidisciplinary character - characteristic of the area of design.</p> <p>The problem is the still insufficient involvement of design in therapeutic processes, with multiplying social problems, which leaves designers' activities in an area of unused potential.</p>
Justification of the purposefulness of taking up the research topics (max. 150 words)
<p>Conscious, socially oriented design, especially today, is an extremely valuable tool supporting human life. Focusing on real social problems guarantees the creation of products that are really needed. Supporting the work of therapists with objects dedicated to specific activities will improve and develop rehabilitation processes. Objects (including elements of small architecture, city furniture) optimized for the needs of disabled people will become universal.</p>
Proposed topics of doctoral theses within the proposed research subject matter ( up to 3 topics)
<ol style="list-style-type: none"><li>1. The impact of design on the quality of life of children with developmental disorders. Designing objects supporting therapeutic work (physiotherapy, psychotherapy).</li><li>2. Designing small architectural objects taking into account the needs of people with disabilities.</li></ol>

The sources of financing of the research topics (the subject matter of currently implemented research grants financed from external sources or as part of subsidies)
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Confirmation of the possibility of ensuring access to scientific apparatus and software necessary for the realization of the proposed research topics
FULLY
If the answer is PARTIALLY or NONE please indicate a type of missing scientific apparatus and/or software and the sources of financing an access to them
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List of the supervisor's scientific achievements in the field of indicated scientific problems
A list of up to 5 major supervisor's publications related to the proposed research topics, published in journals indexed in the Web of Science or Scopus and/or authorship of publication / editing / or authorship of a chapter in the field of fine arts and art conservation, scientific monographs and other activities in the represented field - for the period of the last 8 years (taking into account the journal's or work's IF Impact Factor and the MNiSW score)
- rozdział w monografii naukowej „Języki designu. Paradygmaty przestrzeni projektowych” ISBN:978-83-7365-379-5
A list of research grants financed by the National Centre for Culture, the Ministry of Culture and National Heritage of the Republic of Poland, the National Science Centre, the National Centre of Research and Development and the European Research Council for the period of the last 5 years
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A list of research services carried out for industry and related to the proposed research topics for the period of the last 8 years and/or creative achievements and scientific and research projects, design or artistic achievements in the field of fine arts and art conservation (individual exhibitions, original art works, works in the field of design arts, participation in collective exhibitions in renowned galleries, awards and prizes in competitions, implementations and patents, participation in the jury of a competition or a festival, acting as an exhibition curator)
<ul style="list-style-type: none"> <li>- design of gloves for sensory massage for children with SI disorders</li> <li>- design of a series of kinetic stools supporting sensory integration therapy processes</li> <li>- design of a multifunctional massage roller for children with psychomotor disorders</li> <li>- designs of bicycle shelters with space for wheelchairs for the Industrial Institute of Automation and Measurements in Warsaw</li> <li>- design of ergonomic knobs for angle valves facilitating adjustment for Arka sp. z o.o. sp. k.</li> <li>- designs of batteries facilitating operation for Arka sp. z o.o.sp. k.</li> <li>- designs of Tubio lamps with color therapy elements for Imperial sp. z o.o.</li> <li>- design of a wristband for children for KTA Frankowska Kanas.</li> <li>- design of the HB 1 LED lamp (design 2016, implementation 2018); trade name Square for Metal Team Sp. z o. o.; Production technology - cast aluminum.</li> <li>- road lamp designs for Lumi Team</li> </ul>