

The Charité - Universitätsmedizin Berlin is one of the largest university hospitals in Europe representing a single medical faculty that serves both Humboldt Universität zu Berlin and Freie Universität Berlin. Clinical care, research and teaching is delivered by physicians and researchers of the highest international standard. The Charité extends over four campuses, and comprises close to 100 different Departments and Institutes, that form a total of 17 different CharitéCenters. Charité is certified by the audit "family-friendly university" and a member of the "Dual Career Network Berlin" (www.dualcareer-berlin.de).

The Einstein Center Digital Future (ECDF) is the center for digitalization research in Berlin. At ECDF scientists have been conducting research in the core areas of Digital Infrastructure, Methods, and Algorithms and in the innovation areas of Digital Health, Digital Society, Digital Industry and Services. The ECDF is a project based on a large-scale public-private partnership (PPP) between more than 30 companies, organizations, all four Berlin universities, the Charité – Universitätsmedizin Berlin and more than ten research institutions from Berlin science.

The Experimental and Clinical Research Center (ECRC) established by the Charité – Universitätsmedizin and the Max Delbrück Center for Molecular Medicine (MDC) invites applications for the following position:

Junior Professorship for Applied Visual Systems Research (Endowed Professorship)

Salary Group W1 BBesG-ÜfBE – non-tenured (3 years)

(Kennziffer: Prof.569/2020)

The initial appointment is for three years with an option for extension for another three years following successful evaluation. It is aimed to turn the Junior Professorship into a W2-Professorship (Salary Group: W2 BBesG-ÜfBE) after six years.

We are seeking applications from outstanding scientists who wish to establish a junior research group within a highly collaborative and vibrant scientific environment at the ECRC. We are located on the research campus in Berlin-Buch adjacent to the Max Delbrück Center for Molecular Medicine. We will provide access to translational infrastructure including our patient/proband Clinical Research Unit as well as adequate laboratory space, equipment, and funding. The successful candidate should fulfill the appointment requirements in accordance with § 102a of the Berlin Higher Education Act (Berliner Hochschulgesetz, Gem. § 102a BerlHG). She/he must show an excellent track record in biomedical research and demonstrate solid leadership potential to fulfil the expectations of the junior professorship. The Junior Professor should adequately represent the research area mentioned above.

The professorship is established within the Einstein Center "Digital Future" (<https://www.digital-future.berlin/>) program and will be located at the ECRC (<https://www.mdc-berlin.de/ecrc>).

We inviting applications from outstanding candidates with an interest in:

- the use of retinal imaging beyond ophthalmology, particularly in the areas of neurology and vascular medicine
- the clinical, scientific, and structural development and combination of imaging and functional methods of the afferent visual system for specific hypotheses
- the integration of the latest technical developments in imaging and functional methods in visual-systems research
- the harmonization and optimization of procedures for translational medicine, especially clinical studies
- gender and diversity in both research and staffing
- integration into the main research areas and research associations of the Charité (www.charite.de) and into cross-faculty research networks / research training groups as well as research projects of the ECRC
- cooperation with the (pre) clinical facilities of the Charité and other institutions in Berlin and Brandenburg, in particular with the Berlin Institute for Health Research (BIH) and Max Delbrück Center for Molecular Medicine (MDC)

The successful candidate will be engaged in teaching activities of the medical education curriculum at Charité, supervise Master and Doctoral candidates, and participate in academic self-organization. In addition, the candidate should present concepts supervision of doctoral students, as well as for the integration of his/her research activities into the teaching at the Charité.

Your profile

Besides the fulfillment of the appointment requirements as governed by article 102a of the Berlin Higher Education Act (Berliner Hochschulgesetz: § 102a BerlHG) (Completed university degree, special ability for scientific work as demonstrated by an outstanding doctorate (Ph.D and/or M.D.), and teaching skills) we welcome:

- A degree in a field relevant for the advertised research area (i.e. science, physics, engineering or life sciences)
- At least basic knowledge in optical imaging, image processing, medical technology
- Excellent publication/scientific track record in visual system research and applications in neurology and / or vascular medicine
- Basic medical knowledge
- Practical experience in clinical applications of diagnostic methods of the visual system, in particular optical coherence tomography
- Detailed knowledge of the visual system and central nervous system disorders
- Experience in multicenter research projects
- Experience in clinical studies, especially regarding requirements for good clinical practice, electronic source documentation etc.

The Charité is an equal opportunity employer committed to excellence through diversity. As women are under-represented in academics, we explicitly encourage women to send in their application. Women will be given preference over equally qualified men (within the framework of the legal possibilities). We value diversity and therefore welcome all applications - regardless of gender, nationality, social background, religion or age. Equally qualified applicants with disabilities will be given preference.

Written applications according to the format specified on https://career.charite.de/am/calls/application_notes.pdf should be submitted by 27 November 2020 under <https://career.charite.de>.

For further questions on details, please contact Prof. Dr. Friedemann Paul, Director ECRC, [friedemann.paul\(at\)charite.de](mailto:friedemann.paul(at)charite.de).