



Does your heart look for exciting tasks in university medicine? Then we are looking for you!

The University Medical Center Mannheim (UMM) in Germany is a partnership between the Medical Faculty Mannheim of Heidelberg University and the University Hospital Mannheim. Each year we provide care to 52000 in-patients and 212000 out-patients from a full spectrum of diagnostics and therapeutics procedures. 30 specialized clinics and institutes and 5000 employees are involved in healthcare, research and teaching.

The Medical Faculty Mannheim of Heidelberg University starts a new working group to develop a new generation of surgical microscopes and endoscopes with multispectral imaging capabilities. The project is funded by a GO-Bio grant from the German Ministry of Education and Research to commercialize the new technology as a medical product. The goal is to start up a company and bring this imaging technology to the market. The group offers the following positions with contracts till 30.04.2019 and with the possibility to do a PhD to be filled immediately.

1. Electrical or Electronic Engineer (R&D Scientist)

Tasks:

- Development of medical device prototypes with new imaging technologies
- Integration of image sensors and light sources with processing unit
- Performing laboratory tests
- Participation and support of clinical studies

Qualifications:

- Degree in Electrical-, Electronic-, or Biomedical- Engineering, Physics or a related field
- Practical experience in Optics and Imaging, Image processing, Embedded Systems, Software Programming
- Good analytical skills in Research & Development
- Interest in Biomedical and Clinical technology applications

Apply at <https://bewerberportal.umm.de/Vacancies/1678/Description/1>

2. Optical Engineer (R&D Scientist)

Tasks:

- Design and realization of optical imaging systems
- Optical system simulations
- Laboratory experiments
- Support for animal and clinical experiments
- Writing of scientific reports

Qualifications:

- Degree in a relevant field (Engineering, Optics, Physics)
- Experience in building optical setups, imaging, image processing, and programming
- Good analytical skills in Research & Development
- Interest in Biomedical and Clinical technology applications

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We offer:

- A high-responsibility activity and a wide range of tasks in an open minded and motivated team
- Support for families and work issues
- Personal and professional development through the internal education program of Heidelberg University
- Salary according to the Collective Agreement for the Public Service (TV-L)
- Pensions for the public sector (VBL)

We are an equal opportunity employer. People with disabilities are given priority for equal qualification. For further information please contact Mrs. Heidrich, phone: +49 621 383 3731. For technical questions please contact Dr. Nikolaos Delioliannis, phone: +49 621 17207 178, nikolaos.delioliannis@medma.uni-heidelberg.de

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