

**Faculty Position in the Division of Health Sciences, Graduate School of Medicine,
Osaka University**

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| Outline | <p>The Laboratory for Physiological Functional Imaging, Department of Medical Physics and Engineering, Division of Health Sciences, Graduate School of Medicine, Osaka University is studying the elucidation of the function expression mechanisms of the brain, especially the basal ganglia. Our research involves the use and development of multiscale and multimodal measurement techniques, including whole brain activity imaging with quantitative activity-induced manganese-enhanced MRI, in vivo imaging with ultra-thin fluorescence endoscopy, in vitro Ca²⁺ imaging and electrophysiological measurement, and behavioral experiments.</p> <p>The laboratory is seeking an academic staff member who has a flexible attitude and can contribute to developing and harnessing the strength of the laboratory's research. The successful applicant will be responsible for not only conducting research but also teaching liberal arts and other subjects at the undergraduate and graduate levels. Inquiries regarding this position are welcome.</p> |
| 1. Position | Assistant Professor |
| 2. Number of Positions | 1 (One) |
| 3. Affiliation | Division of Health Sciences, Graduate School of Medicine (Area of Medical Imaging Technology and Science, Department of Medical Physics and Engineering) |
| 4. Work Location | Suita Campus (1-7 Yamadaoka, Suita-City, Osaka, Japan) |
| 5. Specialized Field | Neurophysiology |
| 6. Responsibilities | <ul style="list-style-type: none"> · Research in the areas described above. · Educational activities for undergraduate and graduate school students · Administrative jobs in Division of Health Sciences, Graduate School of Medicine and Osaka University. |
| 7. Qualifications | <p>[Essential] Applicants must have: (1) A doctoral degree (2) Excellent research achievements in the related fields (3) Business level or above Japanese language proficiency (4) Possess the character and insight appropriate for an assistant professor at Osaka University.</p> |
| | <p>[Preferred] Applicants with experience of supervising students at undergraduate and graduate level. Applicants have abilities to teach lectures and practical training in medical imaging technology and science and medical physics and engineering. Experience in one or more of the following. Small animal MRI In vivo Ca²⁺ imaging In vivo electrophysiology In vitro Ca²⁺ imaging In vitro Ca²⁺ imaging In vitro electrophysiology Computational neuroscience</p> |
| 8. Starting Date | December 1, 2024 (or as soon as possible thereafter) |
| 9. Term of Employment | 5 years from the starting date of employment *Following completion of the term, the contract may be extended subject to continuity of work and performance evaluation. *The maximum cumulative contract term is 10 years from the starting date, based on "Regulations Pertaining to Contract Period of National University Corporation Osaka University Fixed-term Staff, etc." |
| 10. Probationary Period | 6 months |

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| 11. Employment Form | <p>Based on “38. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Limited Term Staff” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html *The Discretionary Labor System, Special Work Type will be applied with the applicant’s consent. (deemed working hours: 8 hours a day)</p> |
| 12. Salary and Benefits | <p>Based on “47. Salary Regulations for National University Corporation Osaka University Limited Term Staff Subject to New Annual Salary System” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</p> |
| 13. Insurance | <p>Medical insurance and employee’s pension insurance of the Federation of National Public Service Personnel Mutual Aid Associations, Employment Insurance and Industrial Accident Compensation Insurance</p> |
| 14. Application Documents | <p>Applications must be written in English or Japanese and include the following</p> <ol style="list-style-type: none"> 1. A Curriculum Vitae *Please use the university form for educational/research positions available at the following website. https://www.osaka-u.ac.jp/en/news/employ/links 2. A list of research achievements (original papers, review papers, books, patents, presentations at international conferences) 3. Reprints of up to five major original papers (7 copies, photocopies acceptable) and their list and summaries 4. An outline of research and education achievements (within two A4 pages) 5. A research plan and educational aspirations (within two A4 pages) 6. List of research grants received over the past five years (research grant name, fiscal year, representative / share, amount) 7. Name, affiliation, and contact information of two professional referees who are willing to be contacted about the applicant 8. USB memory stick, CD-R, or DVD containing items 1 to 7 <p>*Submit 3 hard copies of items 1 to 7 except for the reprints *Personal information in the application documents will only be used for the purpose of screening and hiring procedures, and will not be disclosed to any third party.</p> |
| 15. Sending Address and Contact Information | <p>If submitted by postal service: Attention: Professor Makoto Osanai Department of Medical Physics and Engineering, Division of Health Sciences, Graduate School of Medicine, Osaka University 1-7 Yamada-oka, Suita-city, Osaka 565-0871, JAPAN *Write “Application for faculty position Assistant Professor in Department of Medical Physics and Engineering” on the front of the envelope in RED ink. *Applications should be sent by registered mail.</p> <p>If submitted by e-mail: *Send an application form and all required documents described in “14. Application Documents” to Professor Makoto Osanai whose e-mail address is “osanai@sahs.med.osaka-u.ac.jp”. *Write “Application for faculty position Assistant Professor in Department of Medical Physics and Engineering” in the subject line. *Attach the application documents in PDF format (password protection is requested). *Send the password in a separate e-mail.</p> <p>Contact Person: Professor Makoto Osanai Tel: +81-6-6879-2571 E-mail: osanai@sahs.med.osaka-u.ac.jp</p> |
| 16. Application Deadline | <p>September 13, 2024 (Japan Standard Time)</p> |

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| 17. Selection Process | <p>Document screening will be followed by interviews. Selected applicants will be notified within two weeks after the application deadline.</p> <p>*Travel and accommodation fees necessary for interviews are to be covered by the applicant. For applicants residing overseas, the applicant may request an online interview.</p> <p>*Please note that unsuccessful applicants will not be contacted.</p> |
| 18. Additional Information | <p>Concerning work conditions other than the above-mentioned, please refer to “36.Work Regulations for National University Corporation Osaka University Limited Term Staff” and/or related regulations. https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</p> <p>Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change.</p> <p>In principle, there will be no changes to the affiliation, work location, or responsibilities after employment.</p> <p>“Deemed exports” related to security export control are based on “Regulations Pertaining to Security Export Control”.</p> <p>We also particularly encourage applications from female candidates. Osaka University is committed to promoting gender equality and providing various supports for female academic staff members. http://www.di.osaka-u.ac.jp/en_lp/</p> <p>*Osaka University campuses and related facilities are smoke-free, except for designated areas.</p> |
| 19. Recruiter | National University Corporation Osaka University |