

**Faculty Position in the
Center for Quantum Information and Quantum Biology,
Osaka University**

**Specially Appointed Associate Professor (full-time), Specially Appointed Associate Professor
(Lecturer) (full-time), Specially Appointed Assistant Professor (full-time), Specially Appointed
Researcher (full-time)**

Outline	<p>The Center for Quantum Information and Quantum Biology (QIQB) at Osaka University consists of six research domains: Quantum Computing, Transdisciplinary Quantum Science, Quantum Information Devices, Quantum Communication and Security, Quantum Biology and Quantum Sensing. QIQB promotes research in each of these fields and fosters interdisciplinary research among these fields and with other academic disciplines.</p> <p>The position being advertised is for a Limited-Term Specially Appointed Associate Professor (full-time), Specially Appointed Associate Professor (Lecturer) (full-time), Specially Appointed Assistant Professor (full-time) or a Specially Appointed Researcher (full-time) to be employed under the project Adopting Sustainable Partnerships for Innovative Research Ecosystem (ASPIRE https://www.jst.go.jp/aspire/en/). The successful candidate will conduct research on quantum sensing in collaboration with universities abroad.</p> <p>Job ID: AS_2407</p>
1. Position	<p>Specially Appointed Associate Professor (full-time), Specially Appointed Associate Professor (Lecturer) (full-time), Specially Appointed Assistant Professor (full-time), Specially Appointed Researcher (full-time)</p> <p>The position title will be determined based on the experience of the applicant.</p>
2. Number of Positions	1 (One)
3. Affiliation	Center for Quantum Information and Quantum Biology (QIQB), Osaka University https://qiqb.osaka-u.ac.jp/en/
4. Work Location	Toyonaka Campus (1-2 Machikaneyama-cho, Toyonaka-City, Osaka, Japan)
5. Specialized Field	Not specified
6. Responsibilities	<p>The successful candidate will undertake research on quantum sensing and quantum biology in cooperation with universities abroad, promoted through Adopting Sustainable Partnerships for Innovative Research Ecosystem (ASPIRE). Specifically, the successful candidate will conduct research on the development of hyperpolarization technology for nuclear spins, the development of long-lived states of nuclei, and research on metabolic reactions related to quantum biology in cooperation with Ulm University in Germany and other universities. It is expected that the successful candidate will spend an extended period of time at Ulm University (for example, a number of 3-month stints for a total of more than 1 year).</p> <p>Those hired as a Specially Appointed Associate Professor (full-time), Specially Appointed Associate Professor (Lecturer) (full-time), or a Specially Appointed Assistant Professor (full-time) will also be expected to perform educational duties related to research projects.</p>
7. Qualifications	<p>[Essential]</p> <p>Applicants must have:</p> <p>(1) A Doctoral degree or be expected to have one by the time of appointment</p> <p>(2) Applicants from all backgrounds can apply but they should have research experience and they must be willing to undertake the activities outlined above</p> <p>(3) Business-level or above Japanese/English proficiency</p>
8. Starting Date	1 October 2024 (or as soon as possible thereafter)
9. Term of Employment	From the starting date to 31 March 2025.

	<p>*Following completion of the term, the contract may be extended subject to a performance evaluation. However, there is a limit until the end of March 2029 when this project will end. (The total contract period is based on “73. Regulations Pertaining to Contract Period of National University Corporation Osaka University Fixed-term Staff, etc.”)</p>
10. Probationary Period	6 months
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 “48. Salary Regulations for National University Corporation Osaka University Limited Term Staff (Specially Appointed Staff, etc.) Subject to Annual Salary System” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</p> <p>Remuneration (per annum, monthly payments of one-twelfth of annual salary)</p> <p>Specially Appointed Associate Professor (full-time) ¥7,713,600~ Specially Appointed Associate Professor (Lecturer) (full-time) ¥6,228,900~ Specially Appointed Assistant Professor (full-time) ¥5,245,200~ Specially Appointed Researcher (full-time) ¥4,851,900~</p> <p>Commuting allowance will be paid but bonuses and allowances for housing, dependency, and retirement are included in the above-mentioned annual salary and will not be paid separately. *Remuneration will be decided according to the responsibilities assigned based on the applicant’s qualifications.</p>
13. Insurance	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
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 (include your name, current address, phone number, e-mail address, date of birth, educational background (from high school onwards), licenses, educational qualifications, work experience, prizes and awards, details of memberships of associations, and your desired position title.) 2. Research achievements: Original papers, commentaries/reviews, books, patents, presentations at domestic and international conferences 3. An outline of your research to date (a maximum of 2 A4 pages) 4. Materials demonstrating your English proficiency (copies of transcripts of TOEFL, TOEIC, Eiken, etc., and/or an explanation of experience abroad or work experience using English, etc.) <p>Personal information from application documents will be used for the purpose of screening applicants and other procedures after employment and will not be disclosed to any third party.</p>
15. Sending Address and Contact Information	<p>Send applications to the email address below. Subject of the email: QIQB ASPIRE, “position title” “applicant’s name”</p> <p>Please take the necessary security precautions when sending attachments by email.</p> <p><Contact person> Koichiro Miyanishi, Center for Quantum Information and Quantum Biology Email: miyanishi.koichiro.qiqb☆osaka-u.ac.jp replace ☆ with @</p>
16. Application Deadline	Applications will close as soon as the position is filled.

17. Selection Process	<p>Document screening will be followed by interviews. Only applicants who pass the document screening will progress to the interview stage. Interviews will, in practice, be held online. If an in-person interview is held, travel and accommodation fees necessary for interviews are to be covered by the applicant.</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 Please note the above-mentioned work conditions are as of the day this employment offer is posted, and are 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”. https://www.osaka-u.ac.jp/kitei/reiki_honbun/u035RG00000780.html</p> <p>We particularly encourage applications from female candidates. Osaka University is committed to promoting gender equality and providing various support services 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