

**Faculty positions, Associate Professor and Assistant Professor,
Biology and Life Sciences Division, the Research Institute
for Electronic Science (RIES), Hokkaido University**

We would like to inform you that the Research Institute for Electronic Science, Hokkaido University is now recruiting one associate professor and one assistant professor as shown below.

(1) **Position Title:**

Associate professor and assistant professor, one person each, two persons in total

(2) **Address of work location and other information:**

Biology and Life Sciences Division
Research Institute for Electronic Science (RIES)
Hokkaido University
Kita 21 Nishi 10, Kita-ku, Sapporo 001-0021 Japan

(3) **Area of Specialization:**

In the group of Prof. Hideharu Mikami, we conduct life science-oriented research with a focus on optical imaging. We develop advanced technologies in one or more of the fields of optics, information science, and life science and carry out interdisciplinary researches in cooperation with other researchers in and outside the laboratory.

(4) **Qualification:**

Applicants are required to have a Ph.D. or doctoral degree. The successful candidates will have a strong track record and expertise in one or more of the following fields: optics, information science, and life sciences, and will be willing to collaborate with researchers in different disciplines to conduct interdisciplinary research. Specifically, we are looking for candidates who

- experience in research in the field of optics, such as optical microscopy and computational imaging.
- experience in research involving the analysis of image data in the field of bioinformatics.
- experience with optical imaging (e.g., fluorescence microscopy) in any of the life science fields. The ideal candidate should have experience in research involving the analysis of the nervous system and cell populations, in particular.

The successful candidates will be able to communicate, collaborate, and cooperate with internal and external researchers.

(5) **Expected Start Date:** December 1st, 2020, or later.

(6) **Employment Status:**

Associate Professor:

Tenured, but it is highly desired to be promoted within ten years.

Assistant Professor:

The employment period cannot exceed 5 years from the initial date of hire (Reappointment for 3 years is possible depending on the results of an interim evaluation).

(7) **Probation Period:** three months

(8) **Salary:** The salary will be determined in accordance with the regulations of Hokkaido University.

(9) **Working Form:** Discretionary labor system for professional work. The working hours for a day are deemed as 7 hours and 45 minutes.

(10) **Health Insurance:** The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employees Pension, Workers' Accident Compensation Insurance and Employment Insurance

(11) **Name of Recruiting Institution:** Hokkaido University

(12) **Second-hand smoke prevention measures:** smoking in designated areas only

(13) Application Materials:

1. Curriculum vitae (with a photograph, telephone number, and e-mail and mailing address) including educational records, professional career records, activity records in academic society, and awards.
2. Achievements List: journal papers, review papers, books, and others should be listed respectively. All authors, the first and the last pages, with or without peer review should be shown for each publication. Journal papers without peer review should be listed as others. Domestic and international presentations (divided into categories: invited, oral, poster) should be listed respectively.
3. Reprints or copies of five significant articles (original papers and/or review articles).
4. Brief statement of applicants research interests and appealing points, including the summary of applicants past and present research (A4 or letter 2-3 pages).
5. Perspectives for future research along research interests in the laboratory of Information Biophotonics (A4 or letter 2-3 pages).
6. Names and contacts (affiliation, telephone number, e-mail address) of those who can hear the reference opinions (three people. Two people are also acceptable when applying for an assistant professor).
7. Other accomplishments (awards, academic society activities, grants).

(14) **Selection:** Document screening and interview

(15) **Deadline:** September 30th, 2020 (must arrive)

(16) Application:

Applicants must indicate "Application for xx of RIES, Hokkaido University" (where xx is an associate professor or assistant professor) in red on the envelope and send it to the postal mailing address below. Submitted documents are strictly protected, and we do not use the obtained personal information for any purpose other than the screening. Please note that we do not accept e-mail applications from Japan.

(17) Mailing Address and Inquiry:

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