
Job Vacancy Announcement

Research Associate/Junior Research Associate

The Health and Environmental Risk Division invites applications for the positions of Research Associate or Junior Research Associate as detailed below.

1. Positions

A few Contract Research Employees (Research Associate/Junior Research Associate), Environmental Exposure and Effect Research Section, Health and Environmental Risk Division

2. Research Topic

Study on Environmental Property and Instrumental Analysis for Per- and Polyfluorinated Substances (PFASs) and Cationic Surfactants (CSs)

3. Description of Research

The Environmental Exposure and Effect Research Section is conducting research on analysis of the exposure to and effects from environmental chemicals. We are seeking for candidates to work on the characterization of environmental properties and the development of analytical methods for PFASs, CSs, or both. The research tasks include developing instrumental analytical methods using gas chromatography (GC) and/or liquid chromatography (LC) systems and measuring GC/LC retention times to characterize the partition and sorption properties of PFASs and/or CSs. In addition, theoretical calculations including quantum chemical methods will be conducted to relate the measured properties with the molecular structure.

4. Qualifications

- (1) Have a PhD (or expected to receive it by the end of September 2022) or an equivalent qualification.
- (2) Excellent achievements in chemistry or a chemistry-related research field

including environmental chemistry, analytical chemistry, computational chemistry, chemical engineering, environmental engineering, and pharmaceutical sciences.

(3) Knowledge and skills required to work on the research topic described above.

(4) English proficiency sufficient for research work including daily communication within the research group, as well as presentation and discussion on the research results.

5. Selection Process

The selection process will be by means of a screening of applications followed by individual interviews. We will inform those applicants whose applications have passed the initial screening process on details of the interview.

The following will additionally be considered in the selection process.

(1) Research experience in analyzing organic substances with GC and LC, measuring partition/sorption coefficients, developing QSAR/QSPR models, and/or investigating the chemical properties with quantum chemical methods.

(2) Experience(s) on studying/working abroad or in multicultural environments.

(3) Willingness to work as a team in our research group.

6. Application Process/Application Documents

Applicants are requested to submit the following documents as instructed below.

(1) CV (Prescribed format)

(2) Publication list

(3) A printed copy each of 3 major publications

(4) A summary of research done and plans for future research (indicate how they relate to the Description of Research stated above; max. 2 pages in A4 size)

(5) Names and contact details of one or two references who could be asked about the applicant's qualifications

* Please write "Application Documents for Study on Environmental Property and Instrumental Analysis of PFASs and CSs" in red on the envelope for postal submission. Applicants wishing to submit electronically must email the contact person in advance for submission instructions.

(Submitted documents will not be returned. Application materials submitted by

applicants other than the successful candidate will be properly discarded after selection is completed.)

Please list your past employments (names, addresses and periods) in the prescribed format CV. Indicate also if you had a contract with NIES other than an employment contract, such as collaborative researcher, visiting researcher, dispatch employee, contractor, etc.

7. Deadline

Application is open until filled.

8. Work Conditions and Related Regulations

Research Associate and Junior Research Associate are treated as Contract Employees.

Rank (Working Hours):

- | | |
|-----------------------------|--|
| * Research Associate | Exempt Working Hours (Weekdays) |
| * Junior Research Associate | Full-time (7 hours and 45 minutes per day) |

The employee may be requested to work overtime and/or on holiday if necessary.

Compensation will be decided based on the Regulations Regarding Remuneration for Contract employees at NIES.

Basic remuneration for Junior Research Associate: 13,280 ~ yen per day.

Basic remuneration for Research Associate: 4,716,000 ~ yen per annum.

Probationary Period: 6 months

For other matters pertaining to this employment please ensure to refer to the Rules of Employment for Contract Employees at NIES and related regulations.

(Japanese only) <http://www.nies.go.jp/kihon/kitei/index.html>

9. Date of Commencement

The position will start as soon as possible after May 1, 2022.

10. Term of Contract

This is a contract position that, in principle, terminates at the end of the fiscal year (March 31, 2023). However, depending on the status of the research plan and

performance evaluations, it may be possible for the Contract Employee to renew their yearly contract, although in principle, it cannot be extended past March 31, 2024.

11. Others

This work falls under the subject matter of Article 15-2 of the Act on Activation of Science and Technology and Innovation Creation.

(Japanese only) <https://elaws.e->

[gov.go.jp/search/elawsSearch/elaws_search/lsg0500/detail?lawId=420AC1000000063#98](https://elaws.e-gov.go.jp/search/elawsSearch/elaws_search/lsg0500/detail?lawId=420AC1000000063#98)

Employed research staff aged under 40 years of age may devote up to 20 % of their efforts to work on their voluntary research activities if NIES approves, based on an enforcement policy regarding voluntary research activities by young researchers employed to conduct project implementation using competitive grants.

12. Contact Information

Applications should be directed to:

Dr. Satoshi ENDO

Environmental Exposure and Effect Research Section

Health and Environmental Risk Division

National Institute for Environmental Studies

16-2 Onogawa, Tsukuba, Ibaraki 305-8506, Japan

Email: endo.satoshi *Please add "@nies.go.jp" at the bottom of the address.

Phone: +81-29-850-2695

This is an English translation of a Japanese document. If there is a discrepancy between the two documents, the Japanese version takes precedence.