

Post doc position in Kinki University Global COE Program for Aquaculture Science

Employer: **Kinki University**

Location: **Wakayama or Nara, Japan**

Kinki University, Global COE program, invites applicants for postdoctoral researcher positions in the field of aquaculture science. The successful applicant will join one of the following five research groups:

1) Development of fingerling production technology

Elucidation of spawning condition of important fish species. Physiology, biochemistry, and molecular biology concerning on the early development and breeding. Development of DNA markers of useful fishes. Development of other fingerling technology such as the mitigation of early reduction, the prevention of malformations etc.

2) Development of growout culture

Physiology, biochemistry, and molecular biology concerning on the growout culture, maturation, and spawning of important fishes. Improvement and development of techniques for the prevention of reduction by collision of the Pacific Bluefin Tuna (PBT). Development of artificial diets for the PBT. Investigation of alternative fish protein and fish oil sources. Development of real-time monitoring method of fish number and size in captivity.

3) Environmental Science for aquaculture

Environmental conservation and microbial ecology for sustainable aquaculture. Ecology of fish pathogens. Physical analysis of the performance of aquaculture facilities. Analysis of behavior and swimming performance of cultivated fishes. Microbial community

structure and biocontrol of rearing waters of the land-based aquaculture.

4) Utilization and Safety of Cultured Fishes : Improvement of the cultured PBT meat quality. Utilization of cultured fish: decrease of non-use part of fish for environment protection, utilization of functional component, lowering method of allergic activity International research on preference for cultured fish

5) Distribution and Risk Analyses

Demand function and conjoint analyses of cultured tuna and other tunas in the Japanese market. Applied Analysis of Mathematical Programming for a Management Model of Tuna Culture.

The Fisheries Laboratory of Kinki University combines the expertise of 6 experimental stations, Shirahama, Uragami, Ohshima, Shingu, Toyama, and Amami. Four among them are located at Wakayama prefecture of South district of Honshu Island, Japan. Graduate school of Agriculture of Kinki University is located in Nara City. The 'Center for Aquaculture Science and Technology for Bluefin Tuna and Other Cultivated Fish' proposed by the Fisheries Laboratory of Kinki University and the Graduate School of Agriculture was selected for one of Global COE programs in the field of 'interdisciplinary, combined fields, new disciplines'.

This position takes charge of a research field of one of aquaculture science above-mentioned, such as Fish Fingerling Production, Growout Culture Technologies, Environmental Science for Aquaculture, Utilization and Safety of Aquaculture Products, and Distribution and Economics.

Qualification

We are seeking highly motivated, ambitious and good-spirited colleagues with a PostDoc in Marine Life Sciences and Economics.

The contract of the PostDoc position is renewed yearly. Only those who produce excellent results can obtain the right of contract renewal. The fiscal year of 2009 will end at the end of March 2010.

A number to be accepted: ten.

- 1) Doctorate acquirer or person of doctorate acquisition possibility.
- 2) The person who has not got other job at the time of adoption.
(The 1st of the month after next in the month when adoption decided is the rule of thumb of the arrival time after August 1st in 2008 at any time).

Email Resume To :

Applicants should submit 1) curriculum vitae, 2) publication list, 3) letter describing research experience and interests (within 2 pages), 4), list of two references (name, affiliation, e-mail address, Telephone Number) to: Prof. Hidemi Kumai, Uragami(hkumai@nara.kindai.ac.jp), Branch of Fisheries Laboratory, Uragami 468, Nachikatu-ura, Wakayama 649-5145, JAPAN. Applicants should write as 'COE-PD' in red ink on the envelope.

To contact : E-mail address, hkumai@nara.kindai.ac.jp

Application deadline: February 15, 2009 at 12.00 pm. Applications are acceptable both by post and by e-mail (PDF).

Contact

hkumai@nara.kindai.jp

This science job is provided by Kinki University
