



**Cinvestav**

The Marine Resources Department at CINVESTAV-MERIDA offers to national and foreign researchers a Full-time Researcher position in the field of

## HEALTH AND ENVIRONMENTAL IMPACT

**CINVESTAV** is a Federal academic institution, oriented towards developing and boosting scientific and technological research and innovation, as well as to produce human capital with masters and doctoral degrees. As part of its Strategic Developing Plan, the Marine Resources Department in Merida, Yucatan is offering a full-time position for a researcher in the field of Health and Environmental Impact, which will be integrated in an academic program within the department.

### General Requirements:

The position requires an active scientist, highly productive in the areas of analytic and environmental chemistry. He or she must be knowledgeable in the biogeochemical cycles of toxic substances, chemical interactions between the environment and the living organisms. It is also important that the candidate has the skills to apply current analytical techniques that enable him or her in determining and quantifying pollutants and their effects, such as: trace metals, hydrocarbons, pesticides, and flame retardant in water, sediments and in aquatic organism. The candidates must be skilled in experimental design and field work, should be able to prepare and analyze data, participate in seminars and academic activities organized by the Department and publish in high impact journals.

### Main Responsibilities:

1. Undertake and develop research on the main frontier topics of his(her) field and publish scientific articles.
2. Offer seminars on these subjects and tutoring Master and Doctoral dissertations.
3. Coordinate work groups and give support to projects from other research within the department.
4. Participate in committees to discuss substantial affairs regarding the Department and the Centre.
5. Participate in Educational Outreach activities.
6. Participate in linkage activities with different sectors.

### Web pages:

<http://www.mda.cinvestav.mx/>

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### Selection Criteria:

1. The candidate must have a PhD. Degree and in the case of been Mexican preferably be a member of the National System of Researchers (SNI).
2. Postdoctoral experience is a desirable attribute.
3. Solid knowledge in chemistry, data analysis, and skills for operating analytical equipment.
4. Demonstrate resourceful in research and teaching.
5. Demonstrate to be a first author and/or be single author in International scientific publications in Journals with impact factor (ISI).
6. Show skills in collaboration with multidisciplinary research groups. Specifically, have an ample willingness to collaborate in strengthening the Health and Environmental Impact Department's academic core.
7. Experience doing research or collaboration in projects developed in the Gulf of Mexico can be an asset
8. Be proficient in both English and Spanish languages. (TOEFL or similar)
9. Skill to seek and obtain research funds from both private and federal sources are important.

### Labor Stability:

The selected candidate will receive contracts according to the institution's internal regulation.

### Application Submission:

Applicants interested in this call are required to submit via e-mail the following documents: a detailed version of their *curriculum vitae*, a letter of intent expressing their interest, experience and motivations to join the Marine Resources Department at CINVESTAV-MERIDA, as well as two reference letters. The selection process consists of two phases: a pre-evaluation and selection of potential candidates and then subsequently an invitation to the Merida Unit to present a seminar regarding works, results, investigation interests and a 3-year work plan. To ensure their participation, candidates must submit their complete application no later than **December 31, 2015** to Dr. Jorge Iván Euán Ávila, Head of the Marine Resources Department to the following email address: [jrecmar@mda.cinvestav.mx](mailto:jrecmar@mda.cinvestav.mx)