

PhD Studentship

OYSTERCOVER: ESTABLISHING THE SCIENTIFIC BASES AND TECHNICAL PROCEDURES AND STANDARDS TO RECOVER THE EUROPEAN FLAT OYSTER PRODUCTION THROUGH STRATEGIES TO TACKLE THE MAIN CONSTRAINT, BONAMIOSIS

A PhD research position is available on this EU FP7 funded project. The protistan *Bonamia ostreae* is a pathogen of the native European oyster *Ostrea edulis* and has caused extensive losses in this species since it was introduced to Europe in the late 1970s. Control of this disease has been hampered through lack of information on the pathogen and its life cycle and host pathogen interactions. OYSTERCOVER will continue work that was carried out on an EU CRAFT funded project looking at the life cycle of this pathogen, potential carriers or intermediate hosts, host pathogen interactions and susceptibility of a number of European oyster populations to this pathogen.

OYSTERCOVER is a collaborative project between UCC and research institutes in Spain, the Netherlands, UK and France and SME groups throughout Europe. The research at UCC will focus on laboratory and field based trials, host response to infection and population genetics. Some experience of aquaculture practices, and laboratory techniques such as histology and molecular biology would be an advantage. A full clean driving license is required. The position is available **immediately** for three years. Remuneration will be €20,000 plus fees in year one. Increments will be applied in subsequent years.

Closing date for applications is 20th April 2010. Applications should include a Curriculum Vitae plus the names of two academic referees. For further information please contact Dr Sarah Culloty (s.culloty@ucc.ie; 00 353 21 4904646) or Dr Jens Carlsson (j.carlsson@ucc.ie; 00 353 21 4904641).