

Biosciences

- Conservation ecology of the endangered freshwater pearl mussel, *margaritifera margaritifera* / Gethin Rhys Thomas. Ph.D. 2011
- Life ruled by motion : fine scale activity and energetics in shark ecology / Adrian Christopher Gleiss. Ph.D. 2011
- Territoriality in odonata at the National Wetlands Centre Wales / Wendy Harris. Ph.D. 2011
- Habitat, home range, diet and demography of the water vole (*Arvicola amphibious*) : patch-use in a complex wetland landscape / Penelope Jane Neyland. Ph.D. 2011
- Patterns of spatial variation: bacteria and tintinnids in the North Atlantic ocean / Jane Elizabeth Manning. Ph.D. 2010
- Analyses of the Eurasian otter (*Lutra lutra* L.) in South Wales: diet, distribution and an assessment of techniques / Gareth Stephen Parry. Ph.D. 2010
- Life history of jellyfish in UK waters : abundance, behaviour and role in fisheries / Martin Keith Shane Lillley. Ph.D. 2010
- Variation among native and alien populations of hoary mustard, *Hirschfeldia incana* (L.) Lagreze-Fossat, and the application of DNA melting analysis to investigate microsatellite (SSR) variation / Melvin N.E. Smith. Ph.D. 2010
- Optimization of rearing techniques for cultured marine polychaetes (*Nereis virens*) using sustainably sourced ingredients / Lily-Delancey Pauls. Ph.D. 2009
- Strategies for efficient foraging in a deep-diving bird; the imperial shag (*Phalacrocorax atriceps*) / Emily Laura Cairns Shepard. Ph.D. 2009
- Studies into the potential application of probiotic bacteria as feed supplements for commercially cultured Crustacea, primarily the Pacific white shrimp, *Litopenaeus vannamei* / John Thompson. Ph.D. 2009
- Molecular ecology, morphology and reproductive biology of *Littorina saxatilis* and *L. neglecta* / Jill Sandra Ireland. Ph.D. 2009
- Quantification of energy and protein requirements for the Pacific white shrimp *Litopenaeus vannamei* and the evaluation of polychaete based feeds for larvae, juvenile and adult shrimp / Shaun Davies. Ph.D. 2009
- Quorum sensing in the cyanobacterium gloeothecae PCC 6909 / Dilara Islam Sharif. Ph.D. 2008
- Habitat use by marine vertebrates / by Victoria Jane Hobson. Ph.D. 2008
- Microbial community analysis of constructed wetlands treating effluent from a land-based marine fish farm / Simon P. Gregory. Ph.D. 2008
- Gaping at environmental variability : how do bivalves react to changing circumstance? / Anthony Albert Robson. Ph.D. 2008
- Ecology and behaviour of the humpback whale, *Megaptera novaeangliae*; as determined from its surface behaviour / Ruth Estelle Searle. Ph.D. 2008
- Molecular systematics of Bryozoa / Anton Tsyganov-Bodounov. Ph.D. 2008
- Novel disease of the shore crab, *Carcinus maenas*, and observations on the ontogeny of the crustacean immune system / Fiona Eddy. Ph.D. 2008
- Investigation of biological matrices for novel biomarkers by modern mass spectrometric methods / Amy Ruth Godfrey. Ph.D. 2008
- Volatile organic compounds released by the entomopathogenic fungus *Metarhizium anisopliae* / by A. W. Chamindri Witharana. M.Phil. 2010

- Attributes of neophyte aliens in the British flora / Siriol Catrin Jones. M.Phil. 2009
- Movements and diving behaviour of post-nesting green turtles (*Chelonia mydas*) in the South Atlantic ocean and the Mediterranean Sea / Sallyann Richardson. M.Phil. 2008
- Optimising the refolding conditions of a recombinant protein / by Duha Ghaboush Eldawi. M.Phil. 2008
- River connectivity and fragmentation of brown trout (*salmo trutta*) populations in Wales : a stable isotope approach / John Nolan. M.Res. 2011
- Temporal effects on diseases of juvenile edible crabs (*Cancer pagurus* L.) found at Oxwich Bay, South Wales / Amanda Smith. M.Res. 2011
- Relationship between water quality and unusual shellfish mortalities in the Burry Inlet, South Wales, UK / Anna Deasey. M.Res. 2011
- Developing methodologies and hypothesizing what affects the uptake rate of nanoparticles by cockles (*Cerastoderma edule*) / Hannah Katie Louise Griffiths. M.Res. 2011
- Informing the management and conservation of the whelk (*Buccinum undatum*) fishery in South Wales / Courtney French. M.Res. 2011
- Linking river connectivity with genetic variation of brown trout in Wales / Sarah Marburger. M.Res. 2011

Computer Science

- Interactive 3D flow visualization techniques utilizing integral curves and surfaces / Tony McLoughlin. Ph.D. 2012
- Optimal proof systems and uniform systems / Jean-Jose Razafindrakoto. Ph.D. 2012
- Extraction of programs for exact number computation using Agda / Chi Ming Chuang. Ph.D. 2011
- Interactive visualization of computational fluid dynamics data / Zhenmin Peng. Ph.D. 2011
- Drawing from calculators / Will Thimbleby. Ph.D. 2010
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- Empirical studies on visualisation of motion in videos / Rathiah Hashim. Ph.D. 2008

- Incidental interactions and large screen displays / Darius Garnham. M.Phil. 2009
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Development Studies

- Gender relations and women's agency during the second intifada in Gaza / Aitemad Muhanna. Ph.D. 2010
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Geography

- Vegetation parameter retrieval from hyperspectral, multiple view angle PROBA/CHRIS data / Vidhya Lakshmi Kamalesh. Ph.D. 2011
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- Folk demons or exotic cats? : patterns and perceptions in rural Wales / Alaric Benjamin Smith. Ph.D. 2008

Mathematics

- On an equation being a fractional differential equation with respect to time and a pseudo-differential equation with respect to space related to Levy-type processes / Ke Hu. Ph.D. 2012
- Stability analysis of stochastic differential delay equations with jumps / Dawei Zhuang. Ph.D. 2011
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Physics

- Glauber and Kawasaki dynamics for permanent point process / Guanhua Li. Ph.D. 2011
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- On G-structures in gauge/string duality / Jerome Gaillard. Ph.D. 2011
- Antihydrogen formation, dynamics and trapping / Eoin Butler. Ph.D. 2011

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- Canonical basis approach to unitarity calculations in Yang-Mills theories / Edmund Warrick. Ph.D. 2011
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