



Geneco Summer meeting 2010 At Hovs Hallar August 25-26

Most welcome to this years summer meeting! We have invited four world-leading scientists that together cover a broad spectrum of research in “Genomic Ecology and Evolution”.

All invited speakers will give talks **Day 1**, and then the PhD students will present their research in smaller groups that are chaired by one of the invited speakers (PhD student seminars). More detailed information on these five minute PhD student presentations will be sent out when you have registered for the meeting. The supervisors will have the opportunity to take part in a discussion seminar on supervision. **Day 2**, we will have research seminars before lunch, four parallel groups in two sessions, on selected topics that are open for PhD students and supervisors. Again the seminars will be chaired by our invited speakers. Research articles for these research seminars will be posted on our internal homepage so that you can be prepared for the upcoming discussions in the seminars you chose to attend.

Hovshallar is as far northwest as you can go in Skåne and our hotel is just by the sea. There will be possibility for taking part in excursions, or go for walks, both in the afternoon Day 1 and in the morning Day 2. <http://www.hovshallar.com/>

A buss to Hovshallar will leave from Lund, Ecology Building, at 08.00 (25/8) and a bus to Lund will leave from Hovshallar at 13.00 (26/8). For more details see the attached preliminary schedule.

Register before June 11th at <http://canmove-dev.ekol.lu.se/conf/index.php>

Most welcome!!!

Geneco steering committee

Invited speakers

Sonya Dyhrman, *Woods Hole Oceanographic Institution*. The Dyhrman Phytoplankton and Marine Biogeochemistry Laboratory is interested in the interplay between phytoplankton and their geochemical environment using molecular level approaches. Our research spans a wide variety of topics such as phytoplankton physiology, macronutrient and trace metal biogeochemistry, harmful algal blooms and environmental genomics.

Mats Grahn, *Södertörn University College*. My research is aimed at understanding how genetic variation is preserved in wild populations despite strong natural and sexual selection, and factors such as bottlenecks and random genetic drift. I compare variation in highly variable genes, important for disease resistance, and in non-coding neutral genes, such as microsatellites, in fish, corals and birds.

Kerry Shaw, *Cornell University*. The research in my laboratory investigates the nature and origin of species, focusing on genetic and phylogenetic behavioural changes that diverge early in speciation. Current research effort focuses on studies of reproductive behaviour and the evolution of mate recognition among closely related species of crickets.

Paul Turner, *Yale University*. The Turner lab uses RNA viruses, DNA viruses, and bacteria as model systems to test evolutionary and ecological theory, especially questions regarding the evolution of genetic exchange (sex), virus ecology and evolution, host-parasite interactions, and the evolution of infectious disease.

Tuesday 24/8 Mentor Program II	Wednesday 25/8 Summer Meeting	Thursday 26/8 Summer Meeting	Friday 27/8 Mentor Program III
	08:00 Departure by bus from Lund	07:30 Breakfast	
	09:30 Coffee at Hovshallar!	08:30 Research-Seminars, topic A-D Kerry (A), Paul (B) Sonya (C), Mats (D)	
	10:15 Welcome	9:45 Coffee	
	10:30 Kerry Shaw Cornell University, Ithaca, US	10:15 *Research-Seminars, topic E-H Kerry (E), Paul (F) Sonya (G), Mats (H) *MP III	
	11:20 Break	11:45 Lunch	
	11:30 Paul Turner Yale University, New Haven, US	13:00 Bus to Lund	
	12:30 Lunch		
	13:30 Sonya Dyrman Woods Hole Oceanographic Institution, Woods Hole, US		
	14:20 Break		
	14:30 Mats Grahn Södertörn University College, Huddinge, Sweden		
	15:30 Coffee		
	16:00 *PhD student seminars, group 1-4 Kerry (group 1), Paul (group 2) Sonya (group 3), Mats (group 4) *Excursions PhD students group 5-8 *Excursions all supervisors		
	17:00 Break		
	17:15 *PhD student seminars, group 5-8 Kerry (group 5), Paul (group 6) Sonya (group 7), Mats (group 8) *Excursions PhD students group 1-4 *Supervisors, special agenda		
	19:00 Dinner		
	Evening Pub		

**parallel activities*