

# Conservation Training Prospectus 2012



**durrell wildlife conservation trust** [durrell.org](http://durrell.org)  
an international charity saving species from extinction

# Welcome from our Honorary Director, Dr Lee Durrell

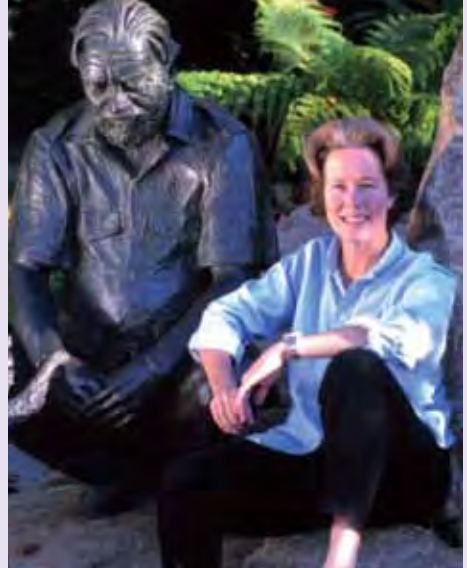
**Thus the Trust would become a form of university...where people can get the correct training...and then take their talents back to form conservation units throughout the world.**

Gerald Durrell, 1976, The Stationary Ark

Gerald Durrell believed that breeding endangered species should take place in their country of origin. One of his greatest ambitions was to train nationals of those countries in what he called 'the art and science' of breeding wild animals in captivity as an aid to species survival. He said it was a dream come true when, one summer's evening in the early 1980s, he played croquet on the lawn of the International Training Centre (ITC) with ten students from ten different countries.

From the simple beginnings of developing the skills of zookeepers in animal husbandry, health and reproduction, the ITC branched out to welcome students and professionals from all spheres of conservation – veterinarians, educators, forestry and other natural resource managers, field biologists, planners and fundraisers. To date more than 3000 individuals from 128 different countries have participated in our courses and workshops, both here in Jersey and, increasingly, around the world.

As well as a commitment to geographical outreach, we are committed to intellectual follow-up, supporting our graduates after they return to their places of work by developing the Durrell Conservation Learning Network.



Thus we are building capacity in the conservation sensitive regions of the planet. We take great pride in the achievements of our graduates, many of whom have become leaders in their fields, making significant contributions to the survival and viability of biodiversity in their own countries.

**Dr Lee Durrell MBE**  
Honorary Director, Durrell

# Durrell Wildlife Conservation Trust – saving species worldwide

**More than 10% of the species saved from extinction worldwide are Durrell project species \***



*Orange-tailed skink (Gongylomorphus fontenayi), saved from extinction by island translocation work by Durrell staff in 2010*

Durrell's mission is saving species from extinction. We achieve this through conservation breeding programmes, restoring species in their native habitats and training others to do the same.

For 50 years, Durrell has championed and led the conservation of species most highly threatened with extinction. This mission has taken us to many parts of the globe, but in particular to the many islands that support such a high proportion of endemic and globally threatened species. In that time, Durrell has built up a core body of conservation expertise and a network of partnerships with leading organisations that will allow us to further develop our ability to save species for another 50 years to come.

To complement our world renowned animal husbandry and breeding skills, we know how to conserve species in their natural habitats. The actions we take are based upon a sound understanding of conservation science.

We conduct hands-on management of endangered species populations, control the impacts of invasive species and work

with local communities to reduce pressures on species and habitats. We believe that by saving species, we conserve the units of which all life depends.

Currently we have 45 projects running in 14 countries run by over 50 dedicated field staff. Our overseas conservation work has resulted in 11 species being saved in Mauritius including the pink pigeon and the Rodrigues fruit bat. We are working in the Caribbean to save the Montserrat mountain chicken and several threatened species of iguana. In just the last two years, we have successfully released captive-bred pygmy hogs back into the wild in Assam, captive-bred lesser night geckos back to Mauritius, and carried out a trial translocation of mangrove finches in the Galápagos Islands. In Madagascar we are building on our 25 years of conservation work to save many of the country's iconic species such as the ploughshare tortoise and the Madagascar pochard, arguably the rarest bird in the world and which was once thought to be extinct.

We make this wealth of expertise available to all who attend our International Training Programme. Through this we hope to empower others to go out and save more species from extinction.

\* A major paper published in Science lists 63 species as having become less threatened with extinction as a result of conservation efforts. 11% of these were Durrell projects, which clearly demonstrates the impact of our work. See Hoffmann et al. (2010).

# Durrell's international conservation training programme

**We know how to save species from extinction. This positivity permeates throughout the training programme and provides both inspiration and direction to course participants and lecturers alike.**

Jamieson Copsey, Head of Training, Durrell

We are a global leader in capacity building for species conservation. By drawing on Durrell's fifty years of experience in saving species from extinction we can demonstrate to course participants how to conserve wildlife that is on the edge.

Our qualified training team is supported by more than 40 lecturers from within Durrell and from partner institutions, enabling us to put course participants in direct contact with people doing the work on the ground. We regularly draw on resident experts in the wildlife park in the captive care and conservation of threatened species ex-situ. We also work closely with our field teams working within our overseas conservation programmes, enabling course participants to extend their learning into the realities of saving species in a world full of threats.

We believe in the power of individuals to shape the future for life on earth. As such we value each participant that attends our courses, be they experts in their own right or amateur naturalists looking to broaden their understanding of the natural world. We invest heavily in providing the time each participant needs to help their understanding of complex conservation issues or theories. Participants are encouraged to share and challenge each other both during the day and more informally in the evenings over dinner.



By attending a training course at Durrell you will start a relationship that will stay with you throughout your personal and professional life. Many Durrell alumni return for further training or work with us to take training courses to their part of the world. For some we are able to offer internships within Durrell wildlife park or our overseas conservation programmes. For all we provide support through the Durrell Conservation Learning Network encouraging the exchange of ideas, issues and solutions; providing access to the latest information; and making seed grants available to help kick-start conservation projects.

We welcome you to Durrell's international conservation training programme and hope that you too become infused with the belief that we can together save more species from extinction.

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# Partners in conservation

I have been promoted twice since I came back from Jersey. I am in the management cadre now – my interaction with my staff is fantastic thanks to the ITC.

DESMAN course participant, 2004

To extend the programme of training we offer, and meet the needs of conservation professionals and students, many of our courses are run in conjunction with other organisations and experts in conservation.

We have links with some of the UK's leading universities, including the University of Kent, the University of Reading, Nottingham Trent University and Imperial College London. Many students from our training programme have gone on to study for masters courses at the Durrell Institute of Conservation and Ecology (DICE) at the University of Kent.

In 2008 Durrell launched an innovative new masters programme in partnership with Imperial College London, Kew Gardens and the Zoological Society of London (ZSL). The partnership has provided students with both the practice and the theory of conservation biology and endangered species recovery. Students have gone on to conduct their masters projects within our overseas conservation programme, thereby supporting the conservation work of the organisation.



Being a world leader in endangered species recovery we work in partnership with a range of international conservation organisations, such as the International Union for the Conservation of Nature (IUCN), global and regional zoo associations. We collaborate with a wide variety of national conservation organisations in the design and delivery of our training courses worldwide.

We are always looking for new partnerships that enable us to extend the range of training we can offer in support of endangered species conservation.

# Key Durrell and visiting lecturers

A small selection of the Durrell staff and many visiting experts involved in delivering our conservation training courses...

## Jamie Copsey

Jamie is Head of Training at Durrell. He has worked for more than 15 years in the field of biodiversity conservation, and has worked in Mauritius, Seychelles, Sri Lanka, Trinidad and Madagascar. He has over a decade's worth of experience as a qualified teacher and trainer and is a practising facilitator. His research interests include island species conservation, invasive species management and the conservation of amphibian biodiversity.



## Professor John Fa

John is Durrell's Chief Conservation Officer. He leads the development of Durrell's long term strategy, focussing on major themes and emerging issues in conservation. John represents Durrell in key forums and builds partnerships with conservation organisations and academic partners. He has published extensively on global biodiversity issues and many specific topics. John is also Professor at Imperial College London.



## Dr Tim Wright

Tim is Deputy Head of Conservation Training at Durrell, where he has worked for 12 years. Tim is particularly interested in captive husbandry and conservation of mammals, captive population management and GIS. Tim's current role includes the planning and delivery of training, post-course evaluation and ongoing support of Durrell graduates through the Durrell Conservation Learning Network.



## Dr Richard Young

Richard is Durrell's Head of Conservation Science and he manages Durrell's scientific research programmes. He focuses primarily on the design and implementation of biodiversity assessments and effective monitoring techniques for the conservation of threatened species and ecosystems. He is also a visiting lecturer at the University of Bath, and is co-chair of the IUCN Small Mammal Specialist Group.



## Catherine Burrows

Catherine is Training Centre Co-ordinator at Durrell, and is responsible for organising the logistical side of the training programme and ensuring that courses run smoothly. She deals with applications and provides course participants with all the information they need from how to organise a visa, to up to date timetables and course information. She also helps run the ever expanding Durrell Conservation Learning Network.



## Professor Carl Jones MBE

Carl is an International Conservation Fellow at Durrell as well as Scientific Director of the Mauritian Wildlife Foundation, and an Honorary Reader in Ecology and Conservation Biology at the University of East Anglia. Carl began working in Mauritius in 1979 and his dedication has led to the restoration of many species and habitats. Carl leads Durrell's engagement in the Mascarenes and supports various aspects of Durrell's conservation breeding in Jersey.



### Dr Nik Cole

Nik leads Durrell's reptile restoration work in Mauritius, and works very closely with the Mauritian Wildlife Foundation. He focuses on the impacts of invasive species, their detection, control and eradication, and the reintroduction of endangered species to restore island ecosystems. Nik currently leads a joint project with the Mauritius National Parks and Conservation Service to continue the restoration of native reptiles.



### Dominic Wormell

Dominic is Head of Durrell's Mammal Department, and has been working for Durrell for over 20 years. He is an internationally renowned expert on the captive management of callitrichids, and has contributed to numerous in-situ recovery and reintroduction programmes. He is co-chair of the EAZA Callitrichid TAG, and has played a key role in delivering numerous training initiatives both in Jersey and South America.



### Dr Gerardo García

Gerardo is Durrell's Head of Herpetology. He has been involved with numerous captive breeding programmes linking ex-situ with in-situ conservation in Jersey, Montserrat, Dominica, Spain and Madagascar. He is a key contributor to numerous specialist amphibian training initiatives around the world, improving husbandry protocols of captive colonies and advising on diverse in situ amphibian recovery programmes.



### Dr Sugoto Roy

Sugoto (Soggy) works as a non-native vertebrate ecologist at the UK's Food and Environment Research Agency (FERA). He has worked on a wide variety of projects, specialising in the ecology and management of invasive vertebrates. He led the 5 year Hebridean Mink Project successfully eradicating mink from the Uists in Scotland, and has continued to run invasive species projects in the UK, Europe and the Caribbean. He is also a member of the IUCN Small Carnivore Specialist Group.



### Paul Butler

Paul Butler is Senior Vice President of Global Programs at Rare. After a decade as Conservation Advisor to the Saint Lucia Government, Paul joined Rare in 1988 and has refined his approach to changing unsustainable resource use and fostering positive environmental attitudes through his successful 'Pride' community conservation campaigns. Working with local governments and NGO's Paul and Rare have launched over 215 Pride campaigns in 57 countries around the world.



### Dr Mark O'Connell

Mark is Director of Ecological Research and Training, an independent research and training group. He has particular expertise in spatial modelling and the analysis of satellite imagery using GIS. He has worked in the university sector, and was previously head of research at the Wildfowl & Wetlands Trust. He now runs a wide range of courses aimed at developing capacity within organisations employing professional ecologists and practitioners.





### Richard Switzer

Richard is the Conservation Program Manager for the Hawaii Endangered Bird Conservation Program, a program of the San Diego Zoo's Institute for Conservation Research. The HEBCP works in collaboration with the US Fish & Wildlife Service and State of Hawaii, to prevent extinction and promote recovery of some of Hawaii's critically endangered forest birds, through captive propagation and release.



### Professor Richard Griffiths

Richard is Professor of Biological Conservation within DICE at the University of Kent. In particular, he has extensive knowledge of global amphibian and reptile conservation, and his research interests include assessment and mitigation of threats, monitoring and recovery programmes for amphibians and reptiles, and the role of captive breeding and reintroduction. He is also a member of the IUCN Amphibian Specialist Group.



### Dr Susie Ellis

Susie is Executive Director of the International Rhino Foundation. Previously Susie was Vice President for Indonesia and Philippines programs for Conservation International, and was Senior Program Officer for IUCN's Conservation Breeding Specialist Group, facilitating more than 100 conservation and strategic planning workshops. She has worked in many countries and has written more than 100 papers, proceedings and book chapters.



### Dr Julia Jones

Julia is Senior Lecturer in Conservation Biology at Bangor University. Her research interests include optimising monitoring in wildlife conservation, exploitation of harvested resources, and investigating potential markets for ecosystem services. She has worked extensively around the world, with a focus on Madagascar, in collaboration with Imperial College London and Durrell.



### Dr Eric Jensen

Eric is Assistant Professor of Sociology at the University of Warwick, where he co-convenes the MSc in Science, Media & Public Policy. His research specialism is in public engagement with science and social change. His current research includes ground breaking studies evaluating the learning and attitudinal impacts of zoo and museum visits.



### Dr Jim Groombridge

Jim is Senior Lecturer in Biological Conservation within DICE at the University of Kent. His research interests include population restoration, population ecology, and evolutionary studies involving phylogeny reconstruction, and he is particularly interested in the role of conservation genetics in the recovery of island endemic species. He has worked extensively on threatened birds in Mauritius, Seychelles and Hawaii.



# Accommodation

**Staying at Les Noyers is ideal, both for access to the park facilities and for maximising immersion in the course. The facilities provided are excellent.**

ESR course participant, 2007

Les Noyers is a traditional Jersey farmhouse, located in the north western corner of our park. As well as housing our International Training Centre, Les Noyers includes our on-site accommodation and dining facilities. There are not many training centres or hostels in the world where you can be in a lecture one minute and watching a gorilla the next.

We have 10 hostel style rooms, including two singles, capable of hosting up to 23 people. We also have a sitting room, private study

rooms and a dining room. We can arrange special tours around our park, including behind the scenes tours, run by Durrell staff and volunteers. Moreover, we can arrange pickups from Jersey's airport or harbours.

Our resident hostel manager, Joshua Kogi, is a trained chef and enjoys preparing large meals for all our groups and course residents. During the summer months barbecues are held on our lawns promoting informal networking between course participants and staff.



# Facilities

Durrell can offer a range of venues and facilities for courses or for private hire. Our park provides a unique venue throughout the year for educational events or gatherings.

Our International Training Centre makes a perfect field centre for university groups, societies or clubs seeking a venue for courses. We also have extensive teaching facilities, including a computer suite, lecture theatre, classroom and library all with free use of our wi-fi network.

Within the park we can offer the use of both outdoor and indoor venues, from our manicured lawns and animal enclosure lookouts to our formal boardroom and stunning apple orchard. The majority of our sites are adaptable to most set ups and we have an on site event coordinator to help with any enquiries, including local suppliers, catering, logistics and transport.

For prices and availability please contact Durrell at [info@durrell.org](mailto:info@durrell.org) or telephone +44 (0) 1534 860035.



# Jersey

## History

Jersey is located 100 miles south of mainland Britain and is the largest and most southerly of the British Channel Islands, 12 miles off the coast of France. Formerly under the control of Normandy, Jersey has been a possession of the British Crown since 1204. However, it is politically neutral with its own government and is neither part of the United Kingdom nor the European Union.

## Geography

Jersey measures 46 square miles (118.2 square kilometres) and has a temperate climate with mild winters and cool summers. The terrain varies from long sandy beaches in the south to cliffs in north, with countryside and urban areas in between. With its sweeping scenery, traditional Normandy stone architecture and unique biogeography, Jersey is also an ideal place for specialist interest groups such as photographers, artists and ramblers.

## Wildlife

The Channel Islands have an abundance of wildlife that differs from that found in mainland Britain. Their unique position means that they are the southern limit of northern species and the northern limit of southern species.

Jersey has eight native species of small mammal, including the wood mouse, the Jersey bank vole, the lesser white toothed shrew and the French shrew. Three introduced species of wild mammals are well established, the rabbit, the hedgehog and the red squirrel, which is able to thrive due to legislation that prevents the import of grey squirrels. Jersey is also home to seven species of bat.



The agile frog is distributed widely throughout much of southern and central Europe, but is found in only a few northern locations including Jersey. The Jersey toad, crapaud, is also native to the island. Both the agile frog and the crapaud have been declining in numbers in recent years. The green lizard is a protected species and Jersey is the only area in Britain where it occurs naturally. There are around 300 bird species that come to Jersey each year, with 100 species breeding here each year.

Durrell is involved in several local conservation projects in conjunction with the States of Jersey. The species we work with include the agile frog, the Jersey toad, the green lizard, bats and Jersey farmland birds.

## Practical information

St Helier is the island's capital and main retail centre; here you will also find the main branches of the banks and the post office. Durrell is located in Trinity and there are regular buses to St Helier.

## Getting around

Our International Training Centre is only a short walk from the stunning coastal cliff paths in the north of the island. We also have bicycles on site which students can use to get around the island. Our wildlife park has its own bus stop with a regular service to St Helier throughout the week.

# Overseas training locations

**Fantastic course! The lectures were informative and motivating and I really appreciated the wide variety of people from all projects presenting and sharing, and hearing the views of so many people from different conservation pursuits around the world.**

ISLA Mauritius course participant, 2005

Time and financial constraints mean that not everyone can make it to Jersey to attend a course. In response we have designed a series of short courses tailored to meet the needs of particular groups of conservation professionals in particular parts of the world.

We have run training courses in more than 13 countries and on many islands. By running courses in the same locations as our field programmes we can show participants first hand the realities of endangered species recovery projects and the skills required to achieve success.

Our overseas courses last between 5 and 10 days in duration, depending of the needs of our in-country partner. Many of the courses contained in in this prospectus can be tailored for overseas locations, and can be translated into the local language.

We are open to invitations to run our training courses in different locations. We are keen to share our skills and understanding with new groups of conservation biologists and field or zoo based professionals. If you would like to propose a new venue for one of our courses, or to suggest a new course topic, then please contact Catherine Burrows on [catherine.burrows@durrell.org](mailto:catherine.burrows@durrell.org).



# Courses

Durrell's international training programme has been designed to support conservation professionals throughout their career. We run a range of courses from introductions to conservation biology theory and practice to the leadership and management of conservation programmes.

Our courses sit within the following three categories:

## **Level 1:** **Introduction to conservation theory and practice**

Level 1 courses have been designed for conservation professionals and newcomers who require a solid grounding in conservation biology theory and a critical understanding of how this relates to the practice of saving species from extinction. These courses are suitable for individuals considering entering conservation as a profession or for wildlife professionals who are seeking a greater understanding of current conservation issues.

## **Level 2:** **Specialised conservation husbandry**

Level 2 courses are designed for zoo professionals and other conservationists with an active interest in how captive animal husbandry can be used to support species recovery projects in the wild.

## **Level 3:** **Conservation management and leadership**

At this level, courses are designed for mid- to senior-level conservation professionals seeking to enhance their human and financial resource management and decision-making skills. These courses are ideally suited for individuals who want to set up their own conservation projects or organisations or make existing ones operate more effectively.

## **Courses by level**

### **Level 1**

Beauty of Birds, Endangered Species Recovery, Conservation Education & Evaluation, Integrated Species Conservation & Management

### **Level 2**

Amphibian Conservation Husbandry, Captive Breeding & Conservation Husbandry of Birds, Avian Egg Incubation Workshop, Captive Care & Conservation Husbandry of Callitrichids & Lemurs

### **Level 3**

DESMAN, Facilitation Skills for Conservation Managers, An Introduction to GIS for Conservation Managers, Managing Infectious Disease in Conservation Programmes, Project Management Skills for Conservation Professionals

# How to apply and requirements

Application forms for all our courses are available to download from [durrell.org/training](http://durrell.org/training). Alternatively you can contact us directly by email [itc@durrell.org](mailto:itc@durrell.org) or phone +44 (0)1534 860037. All applications must be sent with an up to date CV.

## Payment for courses

We require full payment for all our courses 4 weeks in advance of the course start date. **Most of our short courses are eligible for a 20% early booking discount if booked and paid for 8 weeks before the course start date. For further information about this please see individual course pages.**

We are fortunate to be able to offer full and partial scholarships for some of our courses. However, this is never guaranteed and we ask all applicants to look for funding to cover their costs from the time of application. For more information about this or any of our courses please contact us.

## Entry requirements

Durrell offers courses to motivated individuals with a passion for conservation and wildlife. Our courses cover a wide variety of topics relevant to conservation and wildlife management and are suitable for a range of people. If you are interested in a course and concerned about your suitability please contact us.

All applicants for Jersey-based courses should have a good level of spoken and written English.

# Level 3 courses: Durrell endangered species management graduate certificate

6th February to 27th April 2012

**Durrell has given me a new perspective and I hope to use this knowledge back in Peru. I intend to implement the ideas I have developed in this wonderful place.**

DESMAN course participant, 2008

The Durrell Endangered Species Management Graduate Certificate (DESMAN) is a 12 week course designed to equip conservation professionals with the skills needed to manage species recovery. By the end of the course, participants will have developed the skills required to plan, manage and execute a successful conservation project. Trainees have the opportunity to work closely with Durrell staff and develop professional networks.

The course is accredited by the University of Kent at post-graduate level.

## Who is it for?

The DESMAN is designed for people working in conservation, either in the field or in captive breeding facilities.

## What is the course content?

The course is composed of the following, six week modules:

Module 1:

*Application of conservation biology theory. A four week lecture and seminar series and a two week block working on the animal and veterinary departments in our wildlife park.*

Module 2:

*Transferable skills for conservation managers. A six week block composed of practical workshops on topics such as GIS, statistics and data analysis and population monitoring techniques.*

As a DESMAN participant you will also attend our 'facilitation skills for conservation managers', 'an introduction to GIS for conservation' and 'leadership and communication skills' courses (see later sections).

Assessments include written exams, project and fundraising proposals, data manipulation activities and presentations.

## What is the cost

The cost is £9000 including accommodation, food and a weekly allowance. A limited number of full and partial scholarships are available.





# Facilitation skills for conservation managers

2nd to 6th April 2012

**The course actually gave us an opportunity to learn how to facilitate different situations; now I know how to run meetings.**

FSCM course participant, 2008

The five day Facilitation Skills for Conservation Managers (FSCM) course is designed to develop the skills needed to facilitate meetings within your own organisation or workshops involving multiple stakeholders with potentially conflicting interests. Those considering running their own species action planning workshop should attend this course.



## Who is it for?

FSCM is a five day course aimed at people working or planning to work in zoos or conservation organisations who wish to develop their facilitation skills. It is also relevant to other professionals or graduate level students who wish to develop their communication, facilitation and management skills.

The training you receive will give you the confidence to organise and conduct your own meetings and workshops tackling complex and contentious issues. You will develop links with experienced facilitators who can assist you in designing your own workshops following the course.

The course attracts a multinational group of professionals providing ample opportunity to extend your professional networks.

## What is the course content?

During the course you will learn and practise essential workshop facilitation skills, including:

- Decision making
- Conflict management
- Cross-cultural sensitivity
- Group dynamics
- Active listening
- Consensus building

Course format involves lectures, case studies and significant amounts of time to practise the facilitation skills discussed within a small group setting. The course is co-directed by Susie Ellis, Executive Director from the International Rhino Foundation.

## What is the cost?

Course fee: £700 (\$560 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £210.

# An introduction to GIS for conservation managers

9th to 13th April 2012

**Given the power of GIS to underpin conservation action, it is essential that practitioners have a sound knowledge of the range of issues where GIS can be utilised.**

Dr Mark O'Connell, Director, Ecological Research and Training

Most of the great issues confronting modern conservation have a spatial element. This five day course is designed to provide participants with an understanding of Geographic Information Systems (GIS). GIS is a computing tool that provides high utility data to underpin conservation action, allowing information about species, habitats and landscapes to be described, analysed, and graphically represented.

## Who is it for?

The course is designed for researchers, resource managers and conservation practitioners who require practical understanding of GIS, its current uses and its future role in species and habitat recovery.

## What is the course content?

At the end of the course participants will:

- Understand the principles of representing the real world in two dimensions
- Have experience of how raw data are entered into a GIS, how features are linked to quantitative and qualitative attributes, and the key basic GIS operations
- Be familiar with GIS spatial analyses and modelling
- Understand how GIS data could be used to underpin future action in their particular part of the conservation sector
- Understand the time and resource issues associated with GIS

The course is co-directed by our ITC staff and Dr Mark O'Connell from Ecological Research and Training.

## What is the cost?

Course fee: £700 (£560 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £210.



# Managing infectious disease in conservation programmes

10th to 14th September 2012

In recent years, species and ecosystems have been threatened by many anthropogenic factors manifested in outbreaks of infectious disease causing local and global declines. This course forges transdisciplinary teams to address and solve the challenging disease issues faced by conservation programs today.

Alonso Aguirre, DVM, MS, PhD, Executive Director, Smithsonian-Mason Global Conservation Studies Program, Front Royal, Virginia, USA (course co-director)

This five day course exposes you to the realities of monitoring and managing disease within conservation programmes. It considers the impact of emerging infectious diseases on wildlife populations and explores how disease operates in particular within small populations.

We also consider how we can transfer veterinary/ecological/modelling skills that we apply to captive populations to the management of threatened species recovery in the wild.

## Who is it for?

The course has been designed for veterinarians, conservation biologists, zoo managers and students of related topics keen to increase their involvement in wildlife conservation.

## What is the course content?

The following topics will be covered in this course:

- Conservation medicine
- EcoHealth and One Health approaches
- The epidemiology of disease in wild (small) populations
- Methods for wildlife disease monitoring and surveillance
- Risk assessment, infectious disease modelling
- Disease management in reintroduction programmes (ex-situ and in-situ)
- Managing diseases in free-ranging wildlife

## What is the cost?

Course fee: \$700. Full board on-site accommodation can be provided at an additional cost of £210.



# Project management skills for conservation professionals

1st to 5th October 2012

The one common feature that many successful conservation projects have is a charismatic and inspirational leader that has a clear vision, can motivate the staff and can manage morale.

Dr. Ulysses Seal, Chairman IUCN Conservation Breeding Specialist Group 1979-2003

This five day course draws on the principles of project management theory and the practice of project delivery within the conservation world. Students will be equipped with the knowledge and problem solving skills needed to run your own conservation projects.

## What is the cost?

Course fee: £700 (£560 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £210.

## Who is it for?

This course has been designed for mid to senior level conservation professionals responsible for the management of endangered species and habitat conservation projects.



## What is the course content?

Sessions will include:

- Planning conservation projects
- Monitoring and measuring progress towards achieving goals
- Creating, motivating and managing teams

The course is co-directed with Dr Simon Black, Durrell Institute of Conservation and Ecology (DICE) at the University of Kent. Simon has nearly 20 years experience in business and education as both a manager and consultant, working in Europe and the USA. His research has been published internationally in both mainstream management and conservation journals. Staff from ITC will be facilitating the course with guest lectures being given by international experts in the field of conservation project management.



# Student profile: Dr. Vikash Tatayah

Conservation Manager –Mauritian Wildlife Foundation

## How did you become involved with Durrell?

The first seed was really sown in the very early 1980s when I watched 'Ark on the Move', and remember Gerald Durrell walking on Round Island. The connection to Durrell was sealed when I was fortunate to attend the DESMAN course in 2000, and since then ITC, Durrell and Jersey have a special meaning to me.

## How did you hear about Durrell's International Training Centre?

When I joined the Mauritian Wildlife Foundation (MWF) in 1997 I became aware of the ITC, but I had not thought that I would be fortunate enough to attend the DESMAN there in 2000.

## What impact has your association with the ITC had on your work?

I came from a very different background to conservation. I trained in agriculture and before joining MWF, was working in sugar cane research and the poultry industry! Although I gave my heart and soul to my job in MWF, ITC was the real eye-opener to conservation. It made me realise the full dimension of what I was involved in. Training at ITC has been a turning point in my career, so it means a lot to me. I encourage all young Mauritian staff to embark on an ITC course without hesitation, knowing it will be a cornerstone of their careers, just as much as it was in mine.



## What did you most enjoy about the course?

Meeting conservationists from all over the world, sharing their cultures, and knowing about their issues. Above all realising that we share the same problems, and have common wishes and visions for what we are seeking to preserve.

## Do you have a favourite memory of your time in Jersey?

Sooo many! But the camaraderie between ITC students, Durrell staff and locals at the Trinity Arms pub! (I hasten to add that I have never smoked or drunk, and it was truly the camaraderie that I enjoyed most!). At Durrell, it would be working on the Mammals section with Alaotran Gentle Lemurs.

## What are your plans for the future?

Working harder still to save what little is left of our biodiversity. Taking conservation to new places, and convincing everyone that we need to do something now, or else perhaps it's never.

# Level 2 courses: Amphibian conservation husbandry

11th to 15th June 2012

**A massive thank you to everyone involved here at Durrell who all helped in their own way to make this a fabulous course. When is the next amphibian course?**

ACH course participant, 2008

The Amphibian Conservation Husbandry (ACH) course is a five day course designed to expose participants to the latest theory and practice of amphibian husbandry. Participants will be equipped to establish and manage captive populations and breeding programmes for some of the world's most threatened amphibians.

The ACH course is designed specifically for zoo staff and those responsible for managing amphibian collections.

## Who is it for?

The ACH course is designed specifically for curators, zoo keepers and others concerned with the captive management of amphibians.

## What is the course content?

The course is divided into the following modules:

- Captive facility design, breeding and management
- Live food production and management
- Bio-security and quarantine procedures
- Amphibian medicine and diagnosis
- The research and reintroduction potential of zoos
- Managing water quality and UV light

## What is the cost?

Course fee: £700 (£560 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £210.



# Captive breeding and conservation husbandry of birds

3rd to 7th September 2012

**A unique opportunity to share Durrell's experiences in both captive breeding and in-situ conservation, which have led to the successful breeding of a wide range of bird species.**

Harriet Whitford, Supervisor, Bird Department, Durrell

Captive breeding and conservation husbandry of birds is a five day course designed to equip you with the necessary skills to successfully manage birds in captivity.

## Who is it for?

The course is targeted at curators and keepers from zoos and other institutions involved in the captive management of birds. You will develop your skills in practical bird husbandry and deepen your understanding of the contribution such work can make to the conservation of threatened birds in the wild. You will also develop a professional network with some of the world's leading experts in bird husbandry and conservation which will support you in your future career development.

## What is the course content?

The course will include the following topics:

- Planning your captive bird collection: making the link to the wild
- Bird behaviour and ecology
- Enclosure design and management
- Hand rearing and incubation techniques
- Record keeping and population management
- Feeding and nutrition

The course will be run in conjunction with Durrell's Bird Department and will include lectures from visiting experts. The main bird groups covered in the course will be passerines, pigeons and wildfowl.

## What is the cost?

Course fee: £700 (£560 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £210.



# Avian egg incubation workshop

10th to 13th October 2012

The course was excellent and the way Durrell provided it was excellent. The whole course was useful and I'll take it all home to apply to my profession.

Workshop participant, 2010

This four day intensive workshop is designed to give participants the skills and knowledge to successfully manage a hatchery and to artificially incubate eggs from a wide range of avian species.

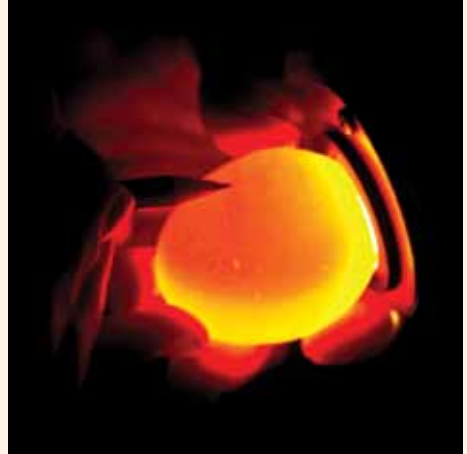
## Who is it for?

The course is aimed at professional aviculturists wishing to learn about hatchery management, embryo development, artificial incubation techniques and their role in conservation programmes.

## What is the course content?

This is a practical workshop which will cover the following topics:

- Embryo and membrane development
- Factors affecting hatchability before and during incubation hatchery management techniques (including equipment selection and operation, egg weight loss management and hatchability analysis)
- Artificial incubation and its role in field conservation programmes
- Participants will break out embryos at all stages of development (older embryos are euthanized first) and gain first-hand experience of candling techniques, egg repair, hatching assistance and egg necropsy



Susie Kasielke (Los Angeles Zoo) and Pat Witman (San Diego Zoo) will be leading the workshop, both of whom have extensive experience in breeding and rearing avian species. There will be additional lecturing support from Durrell's Bird Department and Prof. Carl Jones, MBE, Scientific Director, Mauritian Wildlife Foundation.

## What is the cost?

Course fee: £500 (£400 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £35 per night.





# Captive care and conservation husbandry of callitrichids and lemurs

15th to 19th October 2012

The course consisted of different and interesting topics that will be useful to me in increasing my skills in primate husbandry and management.

Course participant, 2009

This is a five day long course designed to equip participants with the necessary skills to successfully manage primates, particularly callitrichids and lemurs, in captivity. Durrell maintains a large and varied collection of these species and has decades of experience in their captive management and in-situ conservation.



## Who is it for?

The course is targeted at curators, keepers and other professionals from zoos and other institutions involved in the captive management of primates.

## What is the course content?

The course topics include the following:

- Planning your collection
- Enclosure design, husbandry and stress management
- Population management
- Managing animal health
- Feeding and nutrition
- Callitrichids, lemurs and their conservation and biology

The course will be run by ITC staff and Durrell's Mammal Department with support from specialist veterinary staff.

## What is the cost?

Course fee: £700 (£560 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £210.

# Student profile: Kanchana Weerakoon

**Founder of Eco Friendly Volunteers; a conservation organisation in Sri Lanka ([www.eco-v.org](http://www.eco-v.org)).**

## How did you become involved with Durrell?

I was told about Jersey Zoo (now Durrell wildlife park) in 1997 during an expedition which came to Sri Lanka after winning a BP conservation award (now the Conservation Leadership Programme). The team leader Julia Jones who was a volunteer at Jersey Zoo asked me to apply for a scholarship and only then I got to know about Durrell. After that before applying I started reading Gerald Durrell books and got really inspired. I applied in 1998 and got on the DESMAN course in 1999.

## What impact has your association with the ITC had on your work?

Well I was a Post graduate student when I came to Durrell. I had no idea of what I was going to do next but I thought of getting involved with government department related to environment. But ITC training changed everything. I learnt a lot, almost everything I should know at that time. I met inspiring people, simply being around them built my confidence. I read very interesting books in the library. I learnt about fundraising, public speaking, conservation

education, saving species, Collected lot of literature which helped for my Mphil degree later on...oh...my goodness....everything I was exposed to at ITC was very helpful for what I am doing today.

## What did you most enjoy about the course?

Class room lessons, working with animals during a very cold winter and cleaning their enclosures and feeding them. Conducting my study with birds and visiting places in Jersey with volunteers of Durrell and.. everything..... (Oh can I come again to study?????)

## Do you have a favourite memory of your time in Jersey?

Well all three months are memorable....I was asked to monitor a new born baby Orangutang..that's was so nice...too..I always remember the friendly attitude of staff, they talked to us and asked about our progress and how we were doing. It was such wonderful feeling everyday and gave me a lot of positive energy.

## What are your plans for the future?

To establish ECO-V training centre targeting grass root level youth in Sri Lanka and design and run a training course for kids in Sri Lanka and share that with the international community.



# Level 1 courses:

## The beauty of birds: a beginner's guide to birds, their natural history and how to study them

2nd to 4th June 2012

**A fantastic course that has inspired me to learn more, take action and explore further. One of the most important weekends of my life & ridiculously good value for time and money. It would be impossible to recommend it highly enough and I have nothing but the highest praise for all staff involved.**

Course participant, 2011

This is a three day short course aimed at the amateur bird enthusiasts wanting to gain an understanding of why birds are so special. Participants will be introduced to practical field skills in the behavioural ecology and conservation of birds.

### Who is it for?

The course is aimed at the amateur bird enthusiasts who would be interested in what makes birds unique. Participants will enjoy utilising different bird monitoring techniques, basic taxonomy and tips for identification.

### What is the course content?

The course will highlight the Durrell experience in conservation of endangered birds worldwide including global conservation issues.

This course also has practical activities, including:

- Guided bird walks around the island
- See birds being ringed
- Behind the scenes at our Bird Department

The course will be delivered by a team of renowned bird specialists who collectively have extensive experience of bird conservation both in Jersey and worldwide.

### What is the cost?

Course fee £250 (£200 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £35 per night.



# Endangered species recovery

9th to 20th July 2012

**The training covers a specialised, complex subject area, which can only be delivered by an organisation that has proven success in this field, such as Durrell.**

ESR course participant, 2007

Our famous Endangered Species Recovery (ESR) course provides a thorough introduction to the issues and practical skills involved in saving species from extinction. You will be encouraged to develop a critical understanding of biodiversity conservation and the issues it raises.

## Who is it for?

This course is perfectly suited for those wanting an up to date introduction to wildlife conservation and has also proved invaluable to those considering a career move into conservation, and for students or graduates wishing to improve their knowledge.

Previous ESR course participants have gone on to run field conservation programmes in places such as Sumatra and Hawaii and to obtain senior positions in the zoo community, to name just a few.

## What is the course content?

This course gives an introduction to issues such as the value of and threats to biodiversity, planning and implementing species recovery programmes, conservation genetics, captive species management, and community conservation. Participants will also be introduced to a wide range of practical research skills. Further details are available upon request.

Rather than just providing theory, this course draws upon Durrell's proven practical experience of restoring endangered species. The course will include current case studies of conservation work by Durrell on some of the most critically endangered primates, birds, reptiles and amphibians.

Teaching will be delivered by many of Durrell's own conservation specialists and internationally renowned external conservation experts.

## What is the cost?

Course fee: £1300 (£1040 with early booking discount). Full-board on-site accommodation can be provided at an additional cost of £420.



# Conservation education and evaluation

17th to 21st September 2012

The course was a great opportunity to meet with and learn from conservation educators from around the world. I was impressed by the emphasis on using evidence and evaluation in educational projects, and also enjoyed the very useful sessions on public engagement.

Course participant 2011

This five day course brings together conservation, education and evaluation. Drawing upon cutting edge research, theory and practical experience, the course will give participants a firm grounding in how to deliver conservation education and gather evidence of the impact it makes.

## Who is it for?

The course is aimed at zoo educators and those working in the community to convey a conservation message.

## What is the course content?

The course is divided into three sections:

- Research-informed conservation education
- Selecting the medium and the message
- Evaluating educational impact

You will also learn how to design, facilitate and evaluate public participation workshops to engage visitors and gain valuable feedback on improving your educational provision.



The course is co-directed by our ITC staff and Dr Eric Jensen, Associate Professor of Sociology at the University of Warwick.

## What is the cost?

Course fee: £700 (£560 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £210.

# Integrated species conservation and management

5th November to 9th November 2012

At the University of Kent, DICE is proud of its long standing partnership with the training programme at Durrell. What the ITC offers is unique within the conservation world.

Professor Richard Griffiths, DICE, University of Kent

Combining the expertise of academic staff from the Durrell Institute of Conservation and Ecology (DICE) at the University of Kent with that of conservation practitioners from Durrell Wildlife Conservation Trust, this five day intensive course aims to equip participants with the theoretical and practical skills required for effective management of threatened species.

This course is accredited through the University of Kent and therefore university credits can be gained (15 credits are available upon successful completion of an optional module assessment) by attending.

This course is ideal for graduate students and conservation managers working on species based programmes.

## What is the course content?

Topics which will be covered include the following:

- The role of zoos in conservation
- Extinctions – past and present
- Indicator, flagship, keystone and umbrella species in conservation
- Conservation genetics and species conservation
- Population viability analysis
- Assessing priorities
- The Jersey perspective – field trip
- Designing species recovery programmes
- Translocations and reintroductions
- Balancing in-situ and ex-situ conservation

## What is the cost?

Course fee: £700 (£560 with early booking discount). Full board on-site accommodation can be provided at an additional cost of £210.



# Student profile: Arturo Muñoz

**Biologist – Museo de Historia Natural Alcide d’Orbigny/  
Founder of the Bolivian Amphibian Initiative.**

## How did you hear about Durrell’s International Training Centre?

The first time was in 2006 when I went on the amphibian conservation course in Jersey; this is when I learnt about Durrell and the International Training Centre. Since then I have been in contact with Durrell staff and created a relationship and friendship, which led me to take a 4 month internship at Durrell in 2011.

## What impact has your association with the International Training Centre had on your work?

Durrell and the International Training Centre have changed my life as a biologist by providing me with the skills and passion to work in conservation. When I first had contact with the International Training Centre I was working as a field biologist and taxonomist, describing new species and carrying out research. When I went back to Bolivia after the amphibian course I started to work in conservation on a small scale but changing my life as a conservationist. Thanks to the International Training Centre I was able to introduce more people from my country into amphibian conservation with the amphibian conservation course in Lake Titicaca in Bolivia in 2009. The tools that they provided me with (like the facilitator course, working in the veterinary and herpetology department) were a key factor and just in time to be able to work in a better way in the conservation project that I started after 2006.

Now after a four month internship at the International Training Centre I come back to Bolivia with a lot of knowledge, energy and with a special feeling that back in Durrell I have a family that is supporting my work.



## What did you most enjoy about the course?

The great opportunity to meet people from all over the world that have the same goals as me, people with different backgrounds but the same desire, to know more about saving species from extinction. Also people shared a lot of things so that we could all learn and work together.

## Do you have a favourite memory of your time in Jersey?

The family feeling when at the International Training Centre as lived and worked together.

## What are your plans for the future?

My plans are to keep working with the Bolivian amphibian initiative, to gather more people in this initiative and to create a team with the same ideology and desire to work for the conservation of amphibians.

To improve our work with captive endangered species of amphibians and to train and develop more people in the team. We also are going to coordinate the work with the government, national and international conservation organisations that are interested in working with Bolivian amphibians.

# Overseas courses running in 2012

## Island species-led action

Island Species-led Action (ISLA) is a ten day course with a specific focus on island conservation. It is designed to equip you with the skills and understanding necessary to recover endangered species from immediate extinction and to plan for their long term recovery.

The course is designed primarily for mid-level conservation professionals, educators and researchers working on islands to conserve threatened species. It will also be of interest to those wanting to develop their understanding of island conservation and endangered species recovery. To date the course has been run on islands throughout the Pacific and Indian Oceans, as well as in the Caribbean.

Course location and dates for 2012 are yet to be confirmed, please contact ITC for further details.

## Invasive species management

Invasive Species Management (ISM) is a short course designed to give invasive species professionals the basic tools required to plan effective invasive species management activities. It brings together lessons learned from the field in a range of situations in a concise and practical format.

The course is designed for invasive species workers, decision makers (policy, management and planning), conservation practitioners and project planners working primarily on invasive plants and vertebrates in terrestrial ecosystems around the world; principles will also be applicable to aquatic invasive species and ecosystems. Particular focus will be given to island systems. The course has been run previously in Jersey and Mauritius.

Course location and dates for 2012 are yet to be confirmed, please contact ITC for further details.





# Overseas courses running in 2012

## Amphibian conservation husbandry

The Amphibian Conservation Husbandry (ACH) course is a short course designed to expose participants to the latest theory and practice of amphibian husbandry. Participants will be equipped to establish and manage captive populations and breeding programmes for some of the world's most threatened amphibians.

The ACH course is suitable for curators, keepers and veterinarians from zoos and other institutions involved in the captive management of amphibians. By working with local partners we are able to modify the course in order to target specific issues in the region. We have run the course in Jersey, Madagascar, Argentina, Sri Lanka and Bolivia.

This course will be running both in Jersey and overseas in 2012. The overseas course location and dates for 2012 are yet to be confirmed, please contact ITC for further details.

## Captive care and conservation of callitrichids

Captive Care and Conservation of Callitrichids is designed to equip participants with the necessary skills to successfully manage callitrichids in captivity. Durrell maintains a large and varied collection of these species and has decades of experience in their captive management and in-situ conservation.

The course is targeted at curators, keepers and veterinarians from zoos and other institutions (e.g. universities) involved in the captive management and conservation of callitrichids.

Due to the success of the course in Jersey we will be running this course in Colombia in the autumn of 2012. Please contact ITC for further details.



# Further and higher education training programme

The conservation work at Durrell is state of the art and awe inspiring. It's a real privilege to work with the staff here and watch the students develop throughout the course.

Dr Jennie C Litten-Brown, Lecturer in Animal Science, University of Reading

This is a flexible programme designed to take full advantage of the unique animal collection on site and the conservation work being carried out by Durrell overseas and in Jersey.

## Who is it for?

The programme has been designed to target the post-18 age range of students following certificate up to undergraduate level courses in animal management, animal science and other conservation oriented courses. Colleges and universities from the British Isles and Europe are the primary audience for this programme, though groups from further afield are encouraged to apply. By the end of a conservation programme students will have a critical understanding of the role zoos play in conservation projects through the establishment and management of ex-situ populations and in-situ conservation efforts. Students will gain a greater appreciation of the range of careers in conservation and what qualities and qualifications are required to succeed.

## What is the course content?

As this is a programme designed to suit the needs of the groups that attend, each course is different. However, common topics include:

- Animal welfare and care
- Reproduction, health and genetics
- Animal nutrition
- Animal behaviour
- Reintroduction biology
- Habitat restoration
- Intensive species management

All courses involve behind the scenes activities and tours within the animal collection and a chance to meet and learn from animal staff.

## When and where will the courses run?

These courses are run throughout the year on request by university and college lecturers.



# Durrell conservation learning network

**The course was a good source of information and learning in conservation and captive breeding...but maybe the most important thing was the opportunity to be connected to one of the best networks of conservationists in the world.**

Claudio Padua, Brazil DESMAN course participant, 1984  
(now Director of Instituto de Pesquisas Ecológicas, Brazil)

Peer learning is a proven mechanism for achieving conservation goals. The ITC has created a conservation learning network for all the graduates from its training programme. Through the DCLN, graduates are able to gain professional support for their projects, organisations and personal careers.

The network is internet based. However, we appreciate that not all conservation practitioners around the world have easy access to the internet and computers. DCLN also includes a programme of exchanges, attachments and the publication of a regular newsletter, Solitaire.

The DCLN offers:

- Contact with fellow Durrell graduates
- Contact with other professionals through Durrell Wildlife Conservation Trust
- Discussion forums on hot topics or issues of concern
- Opportunities for professional exchanges and attachments with peers
- Technical advice and support for all aspects of conservation activities
- Mentoring of young professionals
- Access to seed-funding to kick start conservation projects

On completion of your course you will be offered the opportunity to join the network.

[www.durrell.org/training/network/](http://www.durrell.org/training/network/)



The International Training Centre greatly appreciates the long-standing support of donors including Whitley Animal Protection Trust, EcoHealth Alliance (formerly Wildlife Preservation Trust International), Hyman Kreitman, Richard Wilkinson, US Fish and Wildlife Service, and Loke Wan Tho Memorial Foundation.

### **International Training Centre**

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Front Cover: Mauritius Kestrel (*Falco punctatus*) recovered by Durrell from one breeding pair to more than 550 birds in 2011. Photo © 2007 Gregory Guida.

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