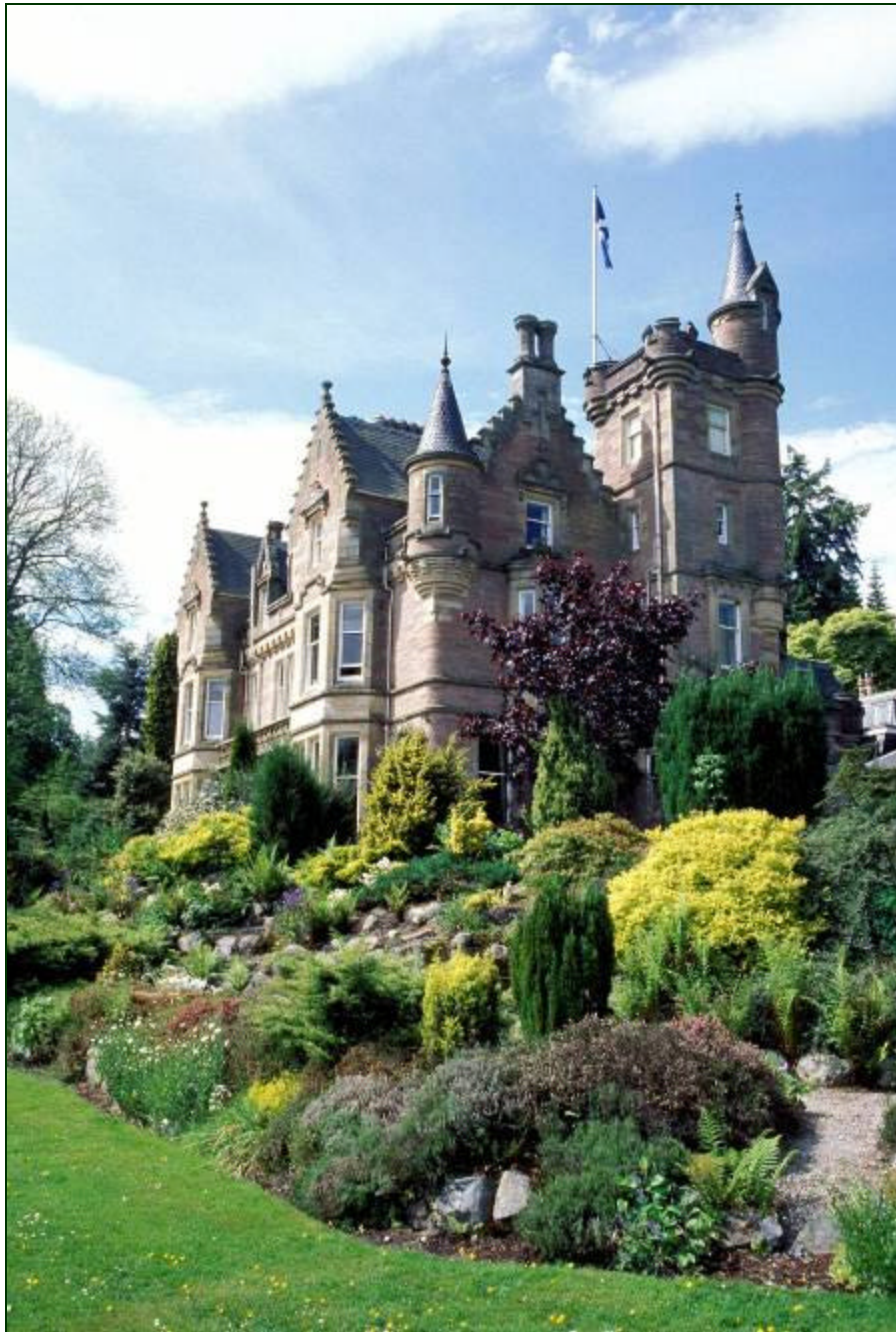


AIGAS FIELD CENTRE

Johns Hopkins Center for Talented Youth, July 24 – 31, 2010



Marine Studies in the Highlands of Scotland



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Marine Studies in the Highlands of Scotland

CTY is proud to partner with the renowned Aigas Field Centre to use their in-depth knowledge and passion for sharing and preserving the marine treasures of Northern Scotland and the Highlands region. Aigas is located east of the Highland mountains, west of bustling Inverness and the North Sea, and just a few miles north of famed Loch Ness. Its location enables us easy access to many diverse marine environments. Our program will include a blend of natural history and culture, focusing on the wonders of the natural marine world, with open-ended and child-led interpretive art projects.

Through a variety of on-site presentations, hands-on activities, and engaging projects, families will interact with a variety of marine life and explore diverse marine environments. What is learned at Aigas will literally come to life during our daily trips to various coastal and inland marine locations including rugged coastlines, pristine lochs, and sandy beaches. Weather permitting, we will enjoy several boat rides enabling an even closer glimpse of seals, dolphins, puffins, guillemots, razorbills, and more.

Throughout this journey, students and parents are sure to learn together and cultivate new interests. Whether observing a frolicking bottlenose dolphin, watching a summer sunset at 10:00 in the evening, listening to melodic Scottish bagpipes, or enjoying local culinary delights, families will build memories to last a lifetime. We hope to see you in Scotland!



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Daily Itinerary

Please note this schedule is subject to change based on programming needs and weather conditions.

Day 1: Arrive and Settle In

In the morning, participants will be transported from Inverness to the Aigas Field Centre. After settling in, families will enjoy afternoon tea and an introduction to the House of Aigas by Sir John Lister-Kaye. Dinner will be served in the baronial hall.

Day 2: Loch Aigas Monster?

We will begin the day at Aigas with a power point presentation—*Everything Marine from Microscopic Plankton to Massive Minke Whales*—illustrated with props from our taxidermy collection, as well as sharks' teeth, shells, and fossils.

The presentation will be followed with a familiarization session; Aigas rangers will show you around the estate and take you to the loch and hides. In the afternoon, we will visit Urquhart Castle and Loch Ness. No trip to Scotland would be complete without a visit to Loch Ness—it is nearby, and the castle commands outstanding views out over the water where you might catch a glimpse of Nessie, the famous Loch Ness Monster!

Day 3: Sea for Yourself

Today we will travel in four different groups to the lovely harbor town of Cromarty where we will go on the 'Ecoventures' wildlife watching boat trip out onto the Moray Firth. We will hope to see close-up our resident population of bottlenose dolphins as well as seals, gannets, and porpoises. While not on the water, families will participate in concurrent science experiments and art projects in the Aigas art studio.

Projects: We will put on our scientific hats and test surface tension and the effects of salinity on flotation. We will make boats out of natural and man-made materials and test them to see which float best. Balloons, straws, pine cones, stones, shells, feathers, and other craft items will be provided. We will also make kites to fly on the beach, and design an advertising poster for the seaside.



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Day 4: Dornoch Day

Today we will drive to Dornoch beach on the East Coast to experience a coastline populated by seals. Spend the day exploring and learning about the miniature world of rock tidal pools with nets, trays, and identification keys. We will make sand sculptures. This is a great opportunity to try out our kites as well!

Art project: Recall an image of something seen during the day, and express this on beautiful triptych style collages to tell a visual story.

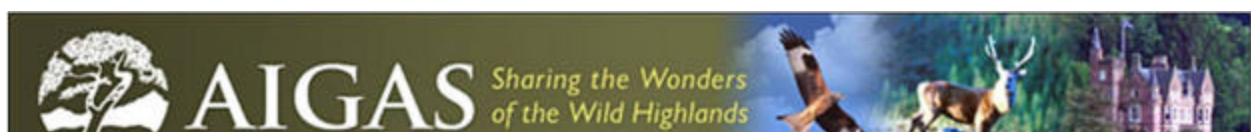
Day 5: Fantasy versus Reality

Today we pass the north shore of the Beaully Firth looking for wading birds on our way to an old red sandstone beach called Rosemarkie. Comb the stony beach for nature's delights and participate in a beach-based scavenger hunt. All the while we will keep our eyes peeled for the dolphins and a mystery stone...this area has many mythical characters in its past.

Art project: Make up your own marine folklore storybook and illustrate. Tell your story and hear the tales of others.

Day 6: Go West!

Today we will drive to the West Coast stopping to have a walk and look at the impressive Corrieshalloch Gorge before arriving in Ullapool. Board the *Summer Queen* and take a boat trip around the islands looking for puffins, guillemots, and razorbills on the cliffs, and seals and otters in the water. Once back on land, visit the Ullapool Museum to find out about the local history, or explore the harbor and investigate some of the interesting shops there.



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Day 7: Aigas Day

Begin the day with some fun environmental education games around the Aigas estate, followed by a practice of traditional dances for the evening.

For lunch today we will have a barbeque at the Illicit Still – a rustic but charming log cabin on the loch. There will be an opportunity for the brave to swim in the loch. Please note these are both weather permitting! The rest of the day will be based at Aigas with a marine-theme activity treasure hunt.

After dinner we will have a traditional ceilidh dance in The Magnus House, with the local accordion band playing Scottish music. A caller will guide the guests through the dance steps.

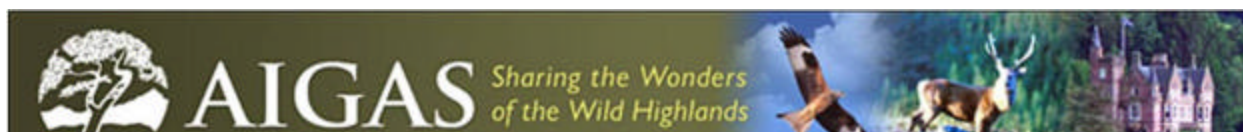
Day 8: Depart Aigas

Families will be transported back to Inverness for their return trips home.



See below for registration information

Cancellations: Cancellations made 90 plus days before departure result in a full refund less the \$500 deposit per person. From 30 to 89 days prior, registrants will be charged one-half of the total tuition. There will be no credit for any cancellations received less than 29 days before the program.



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Marine Studies in the Highlands of Scotland

Registration Form

Please make reservations for the following people to join the Marine Studies in The Highlands of Scotland program. Enclosed is a deposit of \$_____ (\$500.00 per person). We understand that an invoice for the remaining balance of \$1,600 per person (adults) or \$800 per person (children 11 and under) will be sent approximately 90 days prior to departure.

Participant Information (please print)

Name of CTY Student Attending	CTY Student ID# (Required)	Grade/Age
Name of Additional Student Attending		Grade/Age
Name of Additional Student Attending		Grade/Age
Name of Adult Attending	Relationship to Student	
Name of Additional Adult Attending	Relationship to Student	
Street Address	City/State/Zip Code	
Home Telephone	Work Telephone	
E-mail Address	Fax Number	

Method of Deposit

_____ Check/money order payable to JHU/CTY
(There is a \$25.00 fee for all returned checks)

_____ MASTERCARD _____ VISA
(We accept only MasterCard and Visa)

Card Number ____/____/____/____

Expiration Date _____

Name of Cardholder _____

Authorized Signature _____

How to Register

1) Register online at www.cty.jhu.edu/family

(Important: This program is listed under “Educational Travel Programs” on our online registration form.)

2) OR print this form and **mail** OR **fax** with your payment to:
CTY Family Academic Programs, P.O. Box 64300,
Baltimore, Maryland 21264.

FAX: 866-832-8621

Please submit your registration ONLY ONCE, via fax, online, OR mail to avoid duplicate charges.

