

GRANT APPLICATION FORM

Check the Grant Award you are seeking.

Individual Development/Course Development Grant

Critchfield Research Grant

Ashforth Research Grant

Applicant Information:

Principal Researcher:

Mike Gunter

Academic Rank:

Associate Professor

Department:

Political Science

Office Phone Number:

ext.2263

E-Mail Address:

mgunter@rollins.edu

Grant Proposal:

Short Title of Grant Proposal: The Great Barrier Reef

Proposed Start Date:

June 2013

Proposed End Date:

June 2014

Description of Grant Proposal:

Objectives of grant proposal:

Please list objectives that are clear, specific, concrete, and measurable.

This grant would provide detailed follow-up to an August 2006 trip to the Great Barrier Reef in Australia, with the goal of preparing a chapter on the links between eco-tourism and climate change along the reef. More specifically, my objectives are four-fold:

1. Compare and contrast eco-tourist operations in Townsville, Magnetic Island, Port Douglas, and Cairns, Australia.
2. Meet with Great Barrier Reef Marine Park Authority (<http://www.gbrmpa.gov.au/>) at their headquarters and visit education center at Reef HQ Aquarium (<http://www.reefhq.com.au/>) in Townsville.
3. Attend Local Marine Advisory Committee meetings (<http://www.gbrmpa.gov.au/about-us/local-marine-advisory-committees>) in three of their twelve locations, namely Douglas, Cairns, and Townsville.

4. Attend at one of the four Reef Advisory Committees, particularly the Ecosystem Reef Advisory Committee or the Tourism and Recreation Reef Advisory Committee.

Describe the expected outcome(s) for this project (publication, performance, exhibit, paper).

The expected outcome of this project is a chapter on the Great Barrier Reef of Australia for a larger work on eco-tourism and climate change. I have shared an introduction of this larger project with my former editor, now editor-in-chief at Dartmouth and University Press of New England. She is interested and has asked me to send her a full book proposal. I also plan to consult with presses such as Sierra Club Books and Island Press for this project. The work will be organized around a series of case studies rooted in personal research and travel across all seven continents, including particularly work with scientists at Tambopata Research Station in the Peruvian Amazon and Hluhluwe-iMfolozi National Park in South Africa's KwaZulu-Natal province, notable as Africa's first protected conservation area and savior of the black rhino. Additional chapters will target the peninsula of Antarctica and Ecuador's famous Galapagos Islands.

Describe how this project relates to your current expertise.

As can be seen in my enclosed short vita, this project stems from my expertise in sustainable development and climate change politics. In fact legwork for *Tales of an Eco-Tourist*, incorporates data from over 20 sites over the last decade, including both here in the states and abroad:

- Sleeping Bear Dunes, Apostle Islands, Yellowstone, Mt. Rainer, Theodore Roosevelt, Glacier National Parks/Lakeshores, US, June 2001
- Lago Enriquillo, La Cascada El Limon, Las Galeras Samana, Dominican Republic, May 2002
- Jizerské Hory, Pálava Natural Reserve, Czech Republic, June 2003
- Merritt Island National Seashore, US, January/August 2004
- Galapagos Islands National Park, Charles Darwin Research Station, Ecuador, May 2005
- Grand Tetons National Park, US, Sept. 2005
- Tambopata Research Station, Amazon, Peru, January 2006
- Sungei Buloh Wetland Reserve, Fort Canning Park, Singapore Botanic Gardens, Singapore, May 2006
- Cuc Phuong National Park, Endangered Primate Rescue Center, Vietnam, May 2006
- Great Barrier Reef, Uluru Kata Tjuta, Daintree, Flinders Chase, Seal Bay Parks, Australia, July 2006
- Vysoke Tatry, Mala Fatras National Parks, Slovak Republic, June 2007
- Plitvička Jezera Nacionalni Park, Croatia, July 2007

- Triglavski Narodni, Slovenia, July 2007
- Everglades National Park, US, March 2008
- Monte Verde Cloud Forest Reserve, Costa Rica, June 2008
- Hluhluwe-iMfolozi National Park, St. Lucia Wetlands Park, South Africa, August 2008
- Big Cypress National Preserve, US, March 2009
- Tierra del Fuego National Park, Argentina, December 2009
- Antarctica, December 2009
- Oscar Scherer FL State Park & Highlands Hammock FL State Park, US, January 2011

Describe the relationship of this project to your long term professional goals.

This project fits well with what I see as the heart and soul of a liberal arts college, the synergies among scholarship and teaching as well as service. For one, I hope to continue to build on my reputation as a sustainable development and climate change politics scholar with this project, opening new doors as a speaker for the local community and beyond, i.e. echoing past engagements with the State Department, League of Women Voters, etc. For another, as noted in the contributions to Rollins College section I believe this project enhances my course offerings here on campus. And finally, in terms of scholarship this project builds on a concerted effort over the last several years in the arena of eco-tourism. More expressly, the past two years I have written a number of reviews and review essays for leading journals in my field on climate change politics, and this project would in many ways be the culmination of those efforts. Finally, I also see this project as one rich with potential for further investigation, including work with Rollins undergraduates.

Describe the contribution this project makes to your field and to the academic community.

Tourism is one of the largest industries in the world and ecotourism is the fastest growing sector within that industry. Having become the principle export in 83 percent of the developing world, tourism offers remarkable potential to link conservation interests to economic development. The developed world, in turn, can better understand the process of climate change and the dangers it presents with such firsthand experiences. This second component and its emphasis on the developed world is just as critical as the first as it helps open the eyes of people outside the Global South as to

how their daily lives connect to the places they are visiting. Ecotourism can be a practical political tool for local communities to develop to their advantage (albeit with costs as well), but it is also a remarkable avenue to link global and local phenomena tied to climate change. As such this project builds on arguments articulated by those such as Michael Schellenberger and Ted Nordhaus in their much ballyhooed “Death of Environmentalism” piece delivered several years ago at an Environmental Grantmakers Association meeting, arguing that environmentalists must avoid characterization as a special interest and embrace ecological arguments within policy issues such as health care and job creation.

Describe the contribution this project will make to Rollins College.

This research project will benefit several courses I currently teach on a regular basis, particularly a course on case studies in sustainable development and another one on global environmental affairs. But the biggest impact would be to lay groundwork towards the redevelopment of a former RP course on climate change politics into an honors course that would be taught with a colleague in the sciences division in approximately two years.

Proposed Budget:

Please review Permitted Expenditures section and provide as much detail as possible. Be specific about what costs will be incurred for travel, telephone, staff support, photocopying, etc. Please provide sources for estimates where available (e.g. international per diem rates listed on the U.S. Dept. of State webpage or flight costs posted online and date consulted). This budget will be for one year only. Your proposed budget should reflect your actual anticipated permitted expenditures for the project, even if this figure exceeds the allowed award maximum of \$5000. Please also reflect other sources of revenue.

| <u>Item</u> | <u>Justification</u> | <u>Amount</u> |
|---------------------------|----------------------------------------------------------------------|---------------|
| Equipment/Supplies | Policy/Educational materials from Marine Park Authority headquarters | \$ 250 |
| Personnel Support | Compare/Contrast eco-tourist operations in Great Barrier Reef Park: | |
| Townsville | Adrenaline Dive – Townsville | \$186 |
| | Reef HQ Aquarium Education Center | \$ 26.50 |
| Magnetic Island | Fantasea vehicle ferry to Magnetic Island World Heritage Marine Park | \$178 |
| | Magnetic Island Sea Kayak | \$150 |
| | Nelly Bay Habitat Reserve | |

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|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Cairns | Reef Magic Outer Reef Day Cruise - Cairns | \$190 |
| | Marine Biologist Guided Snorkel Safari – Cairns | \$ 45 |
| Port Douglas | Calypso Day Cruise Snorkel – Port Douglas | \$193.50 |
| Travel Per Diem – 10 days in Townsville, Cairns, Port Douglas, and Magnetic Island | Using State Department recommended per diem rates effective August 1, 2012, fourteen location categories are listed, including Cairns and the category “other” at \$335 per day for lodging, meals, and incidental experiences for a projected 10-day stint. | \$ 3,350 |
| Two-week Hertz car rental, plus gas & taxes | Travel to Local Marine Advisory Committee meetings in Townsville, Cairns, and Douglas. Also travel to eco-tourist operations along coast, specifically three sites of Townsville, Cairns and Port Douglas noted above. Having own vehicle actually cheaper than domestic flights with public transit and taxis. | \$ 340 \$ 100 |
| Airfare from Orlando to Townsville, Australia in July/August 2013 | Townsville will be my base of operations for this Australia trip as it is the headquarters of the Great Barrier Reef Marine Park Authority as well as location for the Education Center of the Reef HQ Aquarium and Reef Advisory Committee meetings. It is also one of the twelve sites for three Local Marine Advisory Committee meetings I will attend. Price quote from Orbitz on Dec. 10, 2012, for Virgin. United, Qantas, and American Airlines have flights for slightly higher rate. May be able to reduce fare in spring \$300-400 pending changes in Reef Advisory Committee meeting days. | \$ 2545.40 |
| | | |
| Total | | \$7,554.40 |
| TOTAL Requested Funds | (May not exceed \$5000) | \$5,000 |

Previous Funding from Rollins College:

1. Have you received funding within the last 10 years for a Critchfield/Ashforth Research, Individual Development, Course Development, or Cornell Research Grant? **YES NO**

If possible, please forward previous final reports to Karla Knight, kknight@rollins.edu.

If yes, list all grants received:

International Development Grant, Germany & Climate Change, \$2,000, June-July 2009

Cornell International Studies Grant, African Wildlife Earthwatch Expedition, \$4,646, August 2008

Cornell Grant, Participant Observation of Peruvian Amazon Earthwatch Expedition, \$4,717, 2005-06

Course Development Grant, Dean of Faculty, Rollins College, \$2,000, 2003-2004

Individual Development Grant, Dean of Faculty, Rollins College, \$1,254, Summer/Fall 2002

2. Have you applied for other grants from Rollins this year? **YES NO**

If yes, list all grants applied for, grants awarded, and amounts to be received:

FYRST 2012-2013

3. Have you received any other grants or funding from Rollins during the previous five years? **YES NO**

If yes, list all grants awarded and amounts received over the last five years:

Course Redesign Initiative, Rollins College, \$500, May 2012

International Studies Grant, East European Course Development, \$2,000, 2011-2012
President's International Initiative Grant, China Field Study, \$3,500, May 2009
SPARC Service Learning Grant, Community Engagement Office, \$500, 2008
International Studies Center Course Development Grant, Rollins College, \$1,785, 2008

Other Support for Current Proposal

1. Have you applied for or been granted any external or other internal sources of funding for this proposal? **YES** **NO**

If yes, clearly identify all other requests that duplicate this proposal, indicating the periods and amounts of all support requested and/or received, along with the status of the support.

If you are requesting funds for a second or third year of support for one project, attach a progress report.

Attach to this application:

Abbreviated Vita (3 pages maximum) listing all papers published and/or presented that are related to this project. If this is a new area for you, list your most recent publications/ presentations.

Department Approval Statement: A statement endorsing the project from the department chair, director, or appropriate dean is required for all proposals where the proposed outcome may impact departmental curriculum or require departmental resources (budget, supplies, space, or personnel.)

Research Review Board Approval: If the proposed research involves human subjects or vertebrates, a letter of approval from the requisite board should be attached to this grant application (IRB for human subjects or IACUC for vertebrates).

Signature of Principal Researcher Mike Gunter **Date** 12/10/12

Send this application and your vita electronically to the Dean of the Faculty Office via Karla Knight, kknight@rollins.edu. If possible, please submit both files as PDFs.