



THE DAN SAFETY STOP

DAN Research & Medical Services Newsletter

May 2005

2005 DAN Research Interns

STATE OF PDE

104,525

TOTAL DIVES COLLECTED¹

As of May 1, 2005

¹ Includes dives from previous years and data collection centers not highlighted here.

PDE LIVEBOARDS

Nekton Diving Cruises

Rorqual	18,053 dives*
Pilot	20,915 dives*

Recreational Dive Professionals (RDP)

Brazil	
Atlantis Divers	2,217 dives*

Cayman Islands

Cayman Diving Lodge	464 dives*
Eden Rock	420 dives*
Little Cayman Resort	383 dives*
Tortuga Divers	305 dives*
Brac Reef Divers II	313 dives*
Ocean Frontiers	124 dives*
Don Foster	66 dives*
Dive Tech	4 dives*

Mexico

Mateo Gutierrez	1,537 dives*
Roberto Castillo	417 dives*
Yucatech Expeditions	19 dives*
Scuba Staff	6 dives*

St. Lucia

Scuba St. Lucia	173 dives*
-----------------	------------

Independent FRCs 2,378 dives**

Patrick Murphy	Robert Eichholtz, Jr
Brian Basura	David Grenda
Daniel Hartman	Peter Berende
David Cowan	Darrell Seale
Julian Shermis	Jerome Bender
Marjorie Griffing	Collin Zylka
Uzi Grindler	Robert Banker
Hank Ellis	Roger Roth
Oscar Steele	Clifford Cammert
George Russell	Cristiana Ghiazza
Jonathan Viehe	Peter Sinclair
Eric Slinkman	Raymond Albers
Steven Altchuler	Sergio Viegas

Summer is here again, and for DAN Research, that means interns! This year, we will have eight interns who will be doing various jobs for research. The main task, as always, will be collecting data for Project Dive Exploration.

Interns are chosen from a pool of applicants from colleges and universities worldwide (in the United States, Canada, United Kingdom and Asia). Candidates must be on an educational track in the sciences and must demonstrate a strong interest in diving and research. The internship program, in addition to its goal to collect research data, also hopes to give candidates a peek at careers available in the diving industry and diving science.

Interns must first attend a weeklong training seminar at DAN Headquarters in Durham, N.C., before they are deployed to their host sites. Host sites are DAN Business Members who generously volunteered their facilities as a data collection center. Host sites not only provide the venue for data collection, they also mentor the interns, and some provide lodging. DAN Research interns do not receive a salary; they receive a stipend to cover their living expenses and any expenses incurred in data collection.



SURITA FITCHAT



ANTOINETTE WALTERS

The training week this year will also be the inception of the DAN Research Internship Coordinator program. DAN South Africa is sending two representatives, Surita Fitchat and Antoinette Walters, from the Eugene Marais Hyperbaric Oxygen Therapy Centre in Pretoria, to attend the weeklong seminar in May. Surita Fitchat is the hyperbaric nurse manager, and Antoinette Walters is the hyperbaric practice administrator. They will learn how to establish and manage an internship program and hopefully duplicate it for the DAN Southern Africa region.

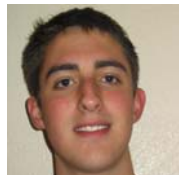
The funding for the internship program comes mostly from private donations. If you would like to support the internship program, visit our website or call DAN Development at 1-800-446-2671 ext. 444 or email development@dan.duke.edu.

SUPPORT PROJECT DIVE EXPLORATION. VISIT THESE INTERNS AT THEIR HOST SITES, AND DONATE YOUR DIVES!



Aquatic Safaris in Wilmington, N.C. – This is the fourth time Aquatic Safaris has hosted an intern. This year, **Brian Roof**, from Richardson, Texas, will work on a seasickness study and will also gather PDE data. Brian is a sophomore at the University of Texas in Dallas, with a primary interest in physiological sciences.

Website: <http://aquaticsafaris.com/>
Telephone: +1-910-392-4386



Discovery Diving in Beaufort, N.C. – Discovery is in its third year as a host site. This year, they will host **Matt Pennisi** from Easton, Pa., who will work on PDE and the seasickness study. Matt is a sophomore at Lafayette College, majoring in biology.

Website: <http://discoverydiving.com/>
Telephone: +1-252-726-0410

*includes dives from previous years
**FRC's who collected dives in present year

**If you have a question for our DAN researchers, email us at research@dan.duke.edu.
If you have a question for our DAN medical staff, email us at medics@dan.duke.edu.**

Divers Alert Network

Divers Helping Divers

6 West Colony Place
Durham, NC 27705

Phone: +1-919-684-2948 ext. 260
Fax: +1-919-493-3040
Email: research@dan.duke.edu

SUPPORT DAN RESEARCH!

Project Dive Exploration and all DAN Research projects are funded primarily by DAN Donors. For information about supporting DAN Research projects, call DAN Development at 1-800-446-2671 ext. 446 or email development@dan.duke.edu

We're on the Web!

www.DiversAlertNetwork.org/research

Send comments, suggestions and ideas to [*Jeanette Moore, Newsletter Editor \(jmoore@dan.duke.edu\)*](mailto:Jeanette Moore, Newsletter Editor (jmoore@dan.duke.edu))



Pro Dive in Ft. Lauderdale, Fla. - For the second time, Pro Dive will host an intern. **Lyndsey Hale**, from Parker, Colo., will be collecting PDE data from divers engaged in dive instruction and will also be working on the ear barotraumas study. Lyndsey is in her senior year at Regis University, majoring in biology. She plans on continuing to medical school. Lyndsey is this the 2005 PADI intern funded by a gift from PADI. Website: <http://www.prodiveusa.com/home.php>
Telephone: 1-800-772-3483



NOAA – Stellwagen Bank NMS Scituate, Mass. – This is the first time for the Stellwagen Bank National Marine Sanctuary to host an intern. The Our World-Underwater Scholarship Society will sponsor **Henry Maxwell**, a junior at Connecticut College, majoring in biology and history. He will collect PDE data from cold-water dives with NOAA as well as with DAN Business Members in the area
Website: <http://www.stellwagen.noaa.gov/>



Heriot-Watt University/Scapa Flow, Scotland – Although PDE data collection in Scapa Flow has been going on for several years, this is the first time that they will host an intern. **Jodi Hoppes**, from Fort Collins, Colo., will collect PDE data from cold water dives and will also work on the ear barotraumas study. Jodi is in her fourth year at Colorado State University, studying zoology.
Website: <http://www.scapaflo.co.uk/>



Utila Lodge Resort, Utila, Honduras – This is the first time for Utila Lodge to host an intern. **Clare Shelton**, from Eugene, Ore., will collect PDE data and will set up the location as a permanent data collection center. Clare is a junior at the University of Oregon in Eugene, majoring in anthropology.
Website: <http://www.utilalodge.com/>
Telephone: 1-800-282-8932

Look for this banner, and donate Your dive profiles with an intern!



Ocean Frontiers, Grand Cayman – For their second year as a host, Ocean Frontiers will host **Angela Giniel**, from San Marcos, Calif. Angela graduated with a BA in psychology from the University of California, Riverside, and is now a master's degree candidate at California State University in Los Angeles. She will be collecting PDE, help with data for the Research Dive Professional (RDP) study, and will also work on the new study on ear barotrauma.
Website: <http://oceanfrontiers.com/>
Telephone: 1-345-947-0000

At **Duke (Ctr. for Hyperbaric Medicine and Environmental Physiology)**, two interns, Jaime Adams and Kayla Donnawell, will work on research projects in the lab such as the Flying After Diving study, CO2 study and a NASA study. They will be mentored by Dr. Neal Pollock.



Jaime Adams is from Fort Lauderdale Fla. He graduated from Virginia Tech with a BS in physiology. He has been teaching physical education (K-12) in Florida and is also working on a master's degree in exercise physiology at Florida International University.



Kayla Donnawell, of Burnaby, Canada, is a third year student at Simon Fraser University majoring in kinesiology.



DAN Medical Services – for the first time, an intern has been chosen for the DAN Medical Services. **Jason Goldweber**, from Mayfield Heights, Ohio, will be working at DAN headquarters in Durham, N.C., with medical services, following up on diving emergencies, a survey project, and PDE data entry. Jason is a junior at Hiram College, with a primary interest in environmental studies.

The **DAN Safety Stop** is now being translated in Spanish and Portuguese for our subscribers in Latin America, thanks to the efforts of Severina Pagliara and Claudia Nascimento of the International Department. If you would like to receive the Spanish version, email latinamerica@DiversAlertNetwork.org or the Portuguese version, email brasil@DiversAlertNetwork.org.