

PLEASE DO NOT PRINT THIS!

From the Forests of Indonesia to the Deserts of the SW United States

This Month's Featured Faculty is Dr. Kimberly Hunter. Dr. Hunter has been with the Biology Department at Salisbury University for 13 years and has recently been promoted to Full Professor. This past summer Dr. Hunter spent time in Sulawesi, Indonesia conducting expedition genetics. During fall 2010 she traveled to the Southwestern United States to spearhead a citizen science project. This research deals with the collection of leaves of creosote bush (*Larrea tridentata*) for undergraduate research. Her *Larrea* research focuses on the secondary metabolite nordihydroguaiaretic acid (NDGA) and what the high concentrations of NDGA do for the plant. **For more information about Dr. Hunter and to see wonderful pictures from her Sabbatical go to page 9.**

Dr. Hunter will be presenting her research February 3, 2011 in HS 243, 4:00 p.m.



Photo: Taken in Las Vegas, NV (Desert Tortoise)

ANNOUNCEMENTS AND AWARDS

Student Research Conference Submissions

The Salisbury University Student Research Conference (SUSRC) committee announces the 10th annual SUSRC on Friday, April 29, 2011. Presentations are organized into themed sessions, ranging from molecular biology to music composition, from education to economics. The conference culminates in a poster reception where the Outstanding Research Mentor Award is presented to a faculty member for excellence in guiding student research. The submission process involves three required steps: (1) the deadline for a student to submit her or his intent is March 15, (2) the faculty mentor must approve the student's work, and (3) the deadline to submit final abstracts is Friday, April 1, 2011, by midnight. The conference is free and the public is invited. For more information visit <http://www.salisbury.edu/susrc>



ANNOUNCEMENTS AND AWARDS Cont.

Maryland Grain Producers Utilization Grant

Drs. Geleta and Briand have received a grant of \$9434 from the Maryland Grain Producers Utilization Board for the third year of their study “Screening of sweet sorghum as a potential bioenergy feedstock crop in the Mid-Atlantic Region.” This project is the only one of its kind in the area, and is a collaborative effort with Jeff Benner (Solar Fruits Biofuels, LLC.), Bob Kratochvil (University of Maryland), Henry Oakley (Venture Manor Farms/Oakley’s Farm Market of Salisbury) and Elizabeth Emmert and Les Erickson (Salisbury University). The project has supported several students through both undergraduate research and summer employment opportunities and will continue to do so in the near future. Drs. Geleta and Briand would like to thank Salisbury students Brian Knepper, Kay Pennerman, Matt Blackwell and Andrew Bell for their assistance with the 2010 screening trial. Without them, this project would not have been possible. Check out some field pictures below.



Dr. Geleta collecting data from the sweet sorghum plots.



Kay Pennerman, Dr. Briand and Dr. Emmert examining mature sweet sorghum in the field.



Matt Blackwell and Andrew Bell weighing the newly harvested canes.



Dr. Briand, Matt Blackwell and Brian Knepper extracting juice from the canes.

ANNOUNCEMENTS AND AWARDS CONT.

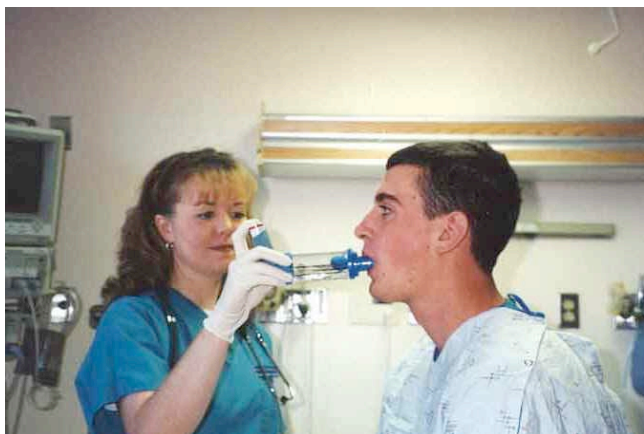
Respiratory Therapy Program at Salisbury University

<http://www.salisbury.edu/healthsci/interest.html>

The Respiratory Therapy Program at SU is fully accredited by the Committee on Accreditation for Respiratory Care (CoARC). The Baccalaureate Degree Program prepares students as registry-eligible graduate therapists, with knowledge and experience that exceeds the basic requirements needed to sit for national credentialing exams. Ongoing graduate surveys have shown full employment in a variety of Respiratory Care practice areas. These areas include: home care and rehabilitation, adult care, research, administration, education, extra-corporeal membrane oxygenation (ECMO), and heart-lung transplant units. Many of our graduates have pursued further education in graduate programs, such as: administration, education, exercise physiology, perfusion technology, and medical school.

Respiratory Care is a challenging, exciting, and rewarding medical profession. Respiratory Care Practitioners (RCPs) play a vital role in the care of patients of all ages with pulmonary disease, as well as other disorders, which impact the cardiopulmonary system. Therefore, RCPs are an integral part of the health care team, and are desired by employers for their expertise.

There are approximately 400 respiratory therapy programs in the United States, of which Salisbury University is one of only 58 baccalaureate degree-granting programs. The respiratory therapy program at SU has an excellent reputation for graduating students who are competent and enthusiastic, and who consistently pass the entry-level and advanced level National Board for Respiratory Care (NBRC) examinations, earning them the credentials required to practice respiratory care. Acceptance into the Respiratory Therapy Program is competitive, so please carefully review all admission and application materials.



UPCOMING EVENTS

Don't miss a chance to hear a really engaging biologist talk about her work! Dr. Numi Mitchell is the lead scientist and project director of the Narragansett Bay Coyote Study. Dr. Mitchell is a lifelong scientist; she even discovered a new species, the endangered silver rice rat, as a teenager, and went on to do her doctoral dissertation on it at the University of Rhode Island.

Dr. Mitchell investigates resource and habitat use by wildlife. While she has focused on endangered species in the past, this project targets a species that is perhaps too successful, and in need of careful management directed by good scientific information. Dr. Mitchell is coming to talk with Tom Horton's Environmental Writing class, and he has offered to open the class to other interested students and faculty.

Thursday, March 31, at 5:00 in HS 243.

<http://www.theconservationagency.org/coyote.htm>



Dr. Numi Mitchell

The Spring 2011 Biology and Chemistry Seminar Series:

http://faculty.salisbury.edu/~rlgutberlet/biology_seminars.html

February 3, Kim Hunter (Salisbury University) will present "Ecological Genetic Fieldwork: Collaboration in Indonesia and in SW Deserts". Hosted by Ron Gutberlet.

February 10, Stephen Habay (Salisbury University). Hosted by Seth Friese.

February 17 Francis Meehan (International Flavors and Fragrances). Hosted by Seth Friese.

February 24, Jocelyn Curtis-Quick (University of Essex, UK) will present "The Changing Coral Reefs of Indonesia". Hosted by Kim Hunter.

Nature Photography Exhibit

Photographers such as Ansel Adams and Paul Strand not only produced some of the 20th century's most captivating nature pictures, but inspired a number of more contemporary artists, as well. Their works and others are on display during the exhibit "Nature in American Photography: 20th Century Masterworks," hanging January 25-February 25 in the Fulton Hall Gallery. Contemporary photographers represented include David H. Gibson, Lynn Geesman, Mike Smith and, locally, the late Rick Maloof, among others. A faculty panel photography discussion is 2 p.m. Tuesday, February 8. Gallery hours are 10 a.m.-4 p.m. Tuesday-Friday, noon-4 p.m. Saturday-Sunday. Sponsored by University Galleries, admission is free and the public is invited. For information call 410-548-2547.

Panorama, A Cultural Events Publication of Salisbury University

- **"Saving the Tiger?: Conservation Lessons From India"**
Dr. Michael Lewis: Wednesday, February 23, Holloway Hall, Great Hall, 7 p.m.
- **Delaware Bay Field Trip:** Tuesday, May 17 (Student Environmental Association Event)

Ward Museum Activities

- **Drop in Art Class:** February 19 and April 16
Ward Museum, 909 S. Schumaker Drive, Salisbury, Maryland
Join museum educators on the 3rd Saturday of each month for projects related to art, nature and culture for the whole family! Drop in Art projects incorporate paint, clay, fabrics, feathers and all sorts of fun materials inspired by the art in the museum's galleries.
- **Bird Banding Demonstration:** March 5, April 2, May 7, June 4, July 2, August 6; 9-11 a.m.
- **Delmarva's Birds From Beach to Bay:** March 17, April 21, May 19; 7 a.m.-Noon
- **Amazing Ectotherms:** March 31, 2011, 10:30 am
Snow Hill Branch - Worcester County Library - 307 North Washington Street. Learn how a sea star eats and what a horseshoe crab uses its tail for, plus much more! This 30-minute presentation of live local animals is appropriate for all ages. Come meet amazing cold-blooded (ectothermic) sea creatures and reptiles from the Eastern Shore. **Contact Information:** 410-632-3495.
- **Delmarva Birding Weekend:** April 28-May 1, 2011. Various Delmarva Locations
A unique opportunity for wildlife enthusiasts. Trips by foot, kayak, canoe, or boats, with experienced guides. Social events and more.
- **41st Annual Ward World Championship Wildfowl Carving Competition & Art Festival:**
April 29–May 1, 2011
Roland E. Powell Convention Center, Ocean City, MD Carvers and visitors from across the world convene for the most prestigious competition of contemporary wildfowl art. The event includes judging, benefit auction, classes, seminars, demonstrations, children's activities and exhibitor booths of artisans and supplies. Friday 10 am-5 pm, Saturday 9 am-5 pm with award ceremony starting at 5 pm, and Sunday 10 am-4 pm. Admission multi-day pass - \$18, Day pass, adults - \$10, Seniors & Students - \$8, Children under 12 free if accompanied by an adult.

OPPORTUNITIES

Maryland Sea Grant Research: Undergraduate Research Opportunity

Email: research@mdsg.umd.edu; Web Site: <http://www.mdsg.umd.edu/REU>

We select undergraduates in diverse disciplines, including engineering, biology, chemistry, physics, mathematics, ecology and marine and environmental science. 12 week program: May 22 to August 14, 2011. \$4200 stipend plus housing and travel support to and from Maryland. Deadline: February 22, 2011.

University of Wisconsin, Oshkosh

Research Experiences for Undergraduates in Proteomics and Functional Genomics

E-mail: dorn@uwosh.edu; Web Site: <http://www.uwosh.edu/reu>

Undergraduate students will work with faculty mentors and other REU student participants to investigate research questions germane to a variety of biological disciplines, ranging from biochemistry to animal physiology through the lenses of proteomics and functional genomics. Student researchers will receive training in and have full access to state-of-the-art instrumentation housed within the NSF / Robert E. Moore Proteomics and Functional Genomics Core Facility at UW Oshkosh. Deadline(s): 02/25/2011

The Davenport-Hopkins Scholarship

The Davenport-Hopkins Scholarship, available to biology majors, is in memory of Dhimitra S. Davenport-Hopkins, a 1975 graduate in Biology. This award honors Dhimitra's love of biology and her enthusiasm for sharing her broad range of interests and knowledge with her students. **Two scholarships, each \$2000, will be awarded each year.**

Recipients of this award must be biology majors of at least sophomore standing, with a minimum GPA of 2.8, active in undergraduate research, and recommended by a faculty member. Preference will be given to students with demonstrated financial need.

The application deadline for the 2011 scholarship will be February 24, 2011.

Graduating seniors (May 2011) are not eligible for this award. The application packet must include: 1) a CV or resume, 2) an essay addressing your history and goals as a biologist, and 3) a letter of recommendation from a Biology faculty member (in a sealed envelope with a signature on seal). Please combine all materials in a manila envelope.

Essay Specifics

The essay should include the following:

1. Your background in biology, including why you chose biology as your major
2. Describe the research you have conducted at SU and what you have learned
3. Address your future goals as a biologist

Requirements:

1. Biology Major
2. Sophomore standing (completed at least 30 credits)
3. Completion of Biology 210 and Chemistry 121
4. Active in undergraduate research
5. Financial need

Please bring your completed application packet (CV, essay, and letter of recommendation) to Sandy Ramses in the Biology office (HS 230 F). Please combine all materials in a manila envelope.

Forward questions to Dr. Kimberly Hunter, kxhunter@salisbury.edu

OPPORTUNITIES Cont.

Audubon Maryland-DC will be hiring 2 MARSH BIRD POINT COUNT TECHNICIANS

Beginning April-early July 2011: Conduct bird surveys in tidal marshes in Maryland and Virginia's eastern shore. Technicians will support a large-scale project investigating the status and distribution of tidal marsh bird species on the N. Atlantic coast, with particular emphasis on saltmarsh sparrow, seaside sparrow, willet and clapper rail. The point count crew will conduct distance-sample point count surveys as well as broadcast surveys for secretive tidal marsh birds in selected tidal marshes. Ideal applicants will have prior experience with point count surveys and broadcast surveys, and be willing to work long hours in remote marshes under harsh field conditions. All applicants must have a valid driver's license and good driving record, and have a working knowledge of northeastern bird identification. Housing is provided. If you are interested please contact David Curson, Audubon Maryland-DC's Director of Bird Conservation at dcurson@audubon.org or 410 588 2473 for salary information and full job details. For more information about the project visit (URL: <http://www.tidalmarshbirds.org>).

Field Museum: Research Experiences for Undergraduates (REU)

(http://www.fieldmuseum.org/research_collections/scholarships/default.htm)

The sponsor will provide support and training for a cohort of at least seven students in biodiversity-related research in a 10-week summer program. Deadline: 03/01/2011 (Email: psierwald@fieldmuseum.org)

Stockton (Richard) College of New Jersey: Coastal Conservation Research Program

E-mail: research@wetlandsinstitute.org; Web Site: <http://intraweb.stockton.edu/ccrp/>

The sponsor provides the opportunity for undergraduate students to participate in summer research under the guidance of Richard Stockton College faculty. The program was established to focus conservation and research efforts on the challenges created by the proximity of the dense human population of the northeastern U. S. with New Jersey's unique wetland ecosystems. Deadline: 03/01/2011.

Florida Space Grant Consortium: Space & Aeronautics Internship Program

E-mail: fsgc@mail.ucf.edu;

Web Site: http://www.floridaspacegrant.org/fsgc_higher_education2.php?ID=22

The sponsor provides 10-week, paid summer internships for undergraduate and graduate students attending Florida universities and colleges for placement at the Kennedy Space Center, with NASA and contractors, and in industry throughout Florida. Each successful applicant will receive a \$4000 stipend for their participation. Successful graduates will receive \$5,000. Deadline: 03/01/2011

Nantucket Maria Mitchell Association: Environmental Education Internships

E-mail: jfinger@mmo.org; Web Site: <http://www.mmo.org/about/internships/envedinternship.html>

The sponsor offers six Environmental Education internships and one Lead Teacher internship for the summer of 2011. The Interns will gain valuable experience in natural science based curriculum development and implementation, teaching a variety of topics, and working with children ages 4 - 14. Interns will also work in other aspects of the organization. Deadline: 03/01/2011

American Society of Agricultural and Biological Engineers Foundation:

William J. and Marijane E. Adams, Jr., Scholarship

E-mail: hq@asabe.org; Web Site: <http://www.asabe.org/membership/students/grant1.html>

A yearly scholarship grant of \$1,000 will be given to one undergraduate student, with a special interest in agricultural machinery product design and development. Deadline: 03/17/2011

OPPORTUNITIES Cont.

Vermont Space Grant Consortium: VSGC Undergraduate Scholarship Program

E-mail: zeno@cems.uvm.edu; Web Site: <http://www.vtspacegrant.org/>

The sponsor will provide up to ten scholarships per academic year, each worth \$2,500; and they will be awarded on the basis of academic standing, letters of recommendation, and an essay detailing career goals. Deadline: 04/13/2011. <http://www.vtspacegrant.org/scholarship.php>

National Renewable Energy Laboratory/DOE: Student Internship Research Participant Program

E-mail: rpp@nrel.gov; Web Site: http://www.nrel.gov/rpp/student_internships.html

The sponsor provides internships at its facilities for undergraduate and graduate students enrolled full-time in a U.S. college or university. Applicants must be U.S. citizens or permanent residents. The applicant may be eligible for round-trip transportation. Deadline(s): Applications are accepted as positions become available.

Chesapeake Bay Maritime Museum. 2011 There are three positions that have vacancies. Special Events Intern Position, Education Internship Position and Curatorial Intern Position

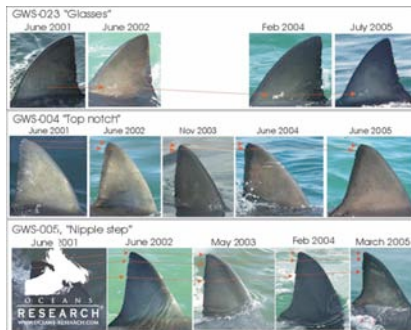
Email: dtaylor@cbmm.org; Additional information on be found on our website: www.cbmm.org

Mail Applications to: Diane Taylor, Volunteer & Intern Coordinator. Chesapeake Bay Maritime Museum. Navy Point, P. O. Box 636. St. Michaels, Maryland 21663.

Great White Shark Research

Web Site: <http://www.oceans-research.com/marinescienceinternships/mosselbaysouthafrica.html>

Interns will be joining dedicated scientists who are conducting accredited research projects in some of the world's most challenging, beautiful and remote environments. As part of this program, interns can expect to be important members of a focused and dedicated research institute and partake in ground breaking research. Oceans Research has established a strategic network of two research stations situated within the unique marine biomes of southern Africa, namely, Skeleton Coast Marine Lab and Mossel Bay Marine Lab. At each laboratory, researchers are conducting ambitious ecological, physiological and biological studies on resident marine top predators and their associated ecosystems. Email to Receive Applications: internship@oceans-research.com



Morton Arboretum: Internship Programs

Website: <http://www.mortonarb.org/internships.html>

The Morton Arboretum, located in Lisle, Illinois, a suburb of Chicago, is offering two three-month internships in Public Horticulture from approximately May 16, 2011 to August 15, 2011.

Applications for 2011 internships will be accepted until positions are filled.

FEATURED FACULTY

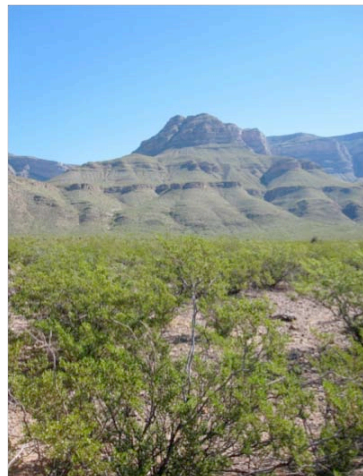
DR. KIMBERLY HUNTER

Photo taken in Hoga Island, Sulawesi, Indonesia.

Courses taught at SU: Genetic Analysis (Biol 360), Evolutionary Biology (Biol 435), Introductory Biology for Majors (Biol 210), Introductory Biology for Non-Majors (Biol 101), Research in Biology (Biol 415, 416), Seminar (Biol 418), and Readings in Biology (Biol 420).



Larrea



Research Interests: I am broadly trained in ecology, evolution, systematics, and population genetics. My PhD work focused on the plant genus (*Larrea*, shown left), which is the dominant desert plant in North and South America; we continue to work on this plant in my lab. Some people might say I am obsessed. Our research on *Larrea* focuses on the secondary metabolite nordihydroguaiaretic acid (NDGA). We are now investigating what these high concentrations of NDGA do for the plant. The chemical is a powerful antioxidant and has been used in many cancer studies. This work is done in collaboration with Dr. Katherine Miller in the SU Chemistry Department. In addition to desert plants, our lab focuses on conservation genetics. We are actively working on an endangered plant in Maryland and we also work with expedition population genetics. Expedition population genetics is done in collaboration with Operation Wallacea (www.opwall.com) in very remote areas of high biodiversity. We have set up mobile genetic labs in Cusco National Park in Honduras for three summers, as well as in Wakatobi National Park, Indonesia. These locations do not have electricity and our equipment is run on a generator that is on for 5-7 hours a day. Therefore, we have to do the molecular work in a much more creative way. The terrain there is often tough; it tests our fitness as well as the limits of our equipment. I encourage students to consider doing this type of field work while an undergraduate.



Wangi-Wangi White Eye



Moorish Idol Fish



Mangrove prop roots



Fishmarket at Kaladupa



Lunch with the headman



Bau Bau (Richard and Kim)

Sabbatical Research (Fall 2010): Sabbatical is a time when professors are not actively teaching, but are only working on research. This is a competitive process at universities so you must have a strong research plan. My sabbatical research was twofold. The first part was focused on expedition genetics and I spent two months running a molecular lab in Wakatobi National Park in SE Sulawesi, Indonesia (See above photos). The facilities were coordinated by the above mentioned Operation Wallacea organization. In collaboration with Ian Hendy from Portsmouth University in England, we conducted research on the ecological genetics of three species of mangroves. In addition, I worked on bird populations (genetics and molecular sexing) with collaborators from Trinity College Dublin, Ireland: Dr. Nicola Maples, Dr. Dave Kelly, and their undergraduate research students. Check out our lab on [YouTube](http://www.youtube.com/watch?v=0_XOV9xUUv8) (http://www.youtube.com/watch?v=0_XOV9xUUv8)! The second part of my sabbatical was beginning a citizen science project to collect leaves of creosote bush (*Larrea tridentata*) and then determine NDGA concentration with the help of SU undergraduate research students (See photos below). We have 20 sites in the SW deserts (TX, NM, NV, AZ, and CA) and many citizen scientists ranging from PhD scientists to third graders. The volunteers will send leaves to us once a month for a year. Come hear more about my research: **February 3, 2011 (Thursday) in HS 243 at 4:00PM.**

[My husband Dr. Richard Hunter, recently retired from SU, maintains our greenhouse and is an excellent collaborator in all my endeavors.]



Palm Desert, CA



Alamogordo, NM

Recent Presentations:

K. L. Hunter, R. B. Hunter, K. R. Miller and S. Smith. 2009. Nordihydroguaiaretic Acid in the Polyploids of *Larrea tridentata*: Effects of Temperature and Developmental Stage. European Society of Evolutionary Biology 12th Congress in Turin, Italy.

Recent Publications:

S. Bunting, E. Burnett, R. B. Hunter, R. Field, and **K. L. Hunter**. Incorporating molecular genetics into remote expedition fieldwork. *Biological Conservation* (submitted 12/2010)

C. Nolan, A. Noyes, A. Bennett, R. B. Hunter, and **K. L. Hunter**. 2010. Inter- Simple sequence repeats (ISSR) reveal genetic variation among mid-Atlantic populations of threatened *Amaranthus pumilus* and phylogenetic relationships. *Castanea* 75.

MEETINGS/ PRESENTATIONS/ TRAVEL

BIOL 399: International Field Studies: Coral Reef Biology in Honduras

By Dr. Ann M. Barse

Students in the class, International Field Studies: Coral Reef Biology, traveled to Roatan Island, Honduras from Jan. 8-15 this year. Below is a group photo of us on Maya Key where we spent a couple of hours having lunch one day between dives and viewing exhibits on Mayan history, as well as touring the animal rescue center where they care for exotic animals such as jaguars, ocelots, monkeys, macaws and parrots. Most of our time in Roatan was spent in the water studying the abounding life of a Caribbean coral reef. On the next page I have provided some excerpts of student's writings about their most memorable observations.



Coral Reef Biology Cont.

"One thing that will always stick with me is the sheer profusion of life we saw every day. I would see a fish, swim closer, and see coral polyps, algae, a smaller fish, a Christmas tree worm... It is staggering to think of the [number] of creatures there..."

"The most remarkable observation I saw was the spotted eagle ray. It was amazing. It came right out, only a few feet in front of me..."

"My most memorable experience was "the mangrove snorkel...Much of the same fish species from the reef could be seen here plus so much more: algae, feather dusters, sea stars... they were like floating islands; sanctuaries for the [juvenile stages of life] from the reef."

"My most memorable observation on the reef was seeing the hawksbill and green sea turtles... It was amazing to witness this magnificent creature interacting in its natural habitat, rather than seeing it in an aquarium..."

"My most memorable observation was at the West End beach ... I was tucked into a corner of beautiful coral. ... The sun lit up all the coral so wonderfully. In this one corner I [also] found a huge crab and a spotted eel... I also saw flying fish from the boat..."

"I had so many memorable observations on the reef, but the first snorkel was probably my most memorable. Seeing my first [fish] cleaning station after learning about them from the papers [we read in class] was incredible."

"My most memorable experience [was at the site] Four Sponges. ...the fish diversity was amazing... everywhere I turned there were black durgons, blue tang, and sergeant majors."

"This was my first SCUBA diving experience and I got to see a lot of awesome things! The sea turtles were my favorite [observation] because I've always wanted to see one in its natural habitat. The spotted eagle ray, sea stars, moray eels, and the larvacean I saw were also cool. It was interesting to learn how coral reefs are so important..."

"My most memorable observation was seeing a sea turtle swim to the surface from the bottom. I never thought I would get the opportunity in my life to experience something like that, and I will remember it forever."

ALUMNI

Josh Brewer (2002 Biology Graduate) has been accepted into West Virginia Osteopathic Medical School. He still has two more interviews yet to go.

Bryan Brushmiller (2000 Biology Graduate) was featured in the Delmarva Times. If you brew it, they will come - Brushmiller is opening his own microbrewery: Burley Oak Brewery in Berlin. The 34-year-old Salisbury resident and SU BIOlogy graduate has brewed more than three-dozen types of beer in a pilot station behind his house. Click on the link below for the full article.
<http://www.delmarvanow.com/apps/pbcs.dll/article?AID=2011101230303>

Jason Chance (1998 Biology Graduate) was featured in the Delmarva Times. "Decatur resource officer and Worcester County Sheriff's Deputy Jason Chance, however, joined biology teacher Jim Krall to give advanced placement students a lesson on DNA. Chance, a 12-year law enforcement veteran with a background in biology, helped Krall with a DNA gel electrophoresis lab based on a fictitious crime scene." Click on the link below for the full article.
<http://www.delmarvanow.com/apps/pbcs.dll/article?AID=2011101230311>

Laura Eierman, (2002 Biology Graduate) has written Dr. Barse to fill her in on her adventures. "I attended the University of Massachusetts, Dartmouth where I earned my MS studying dolphin foraging ecology in Belize. The coral reef ecology class you co-taught (with Dr. Maloof) had such an impact on my work during my Masters degree. I lived in Belize for about 4 years and was a naturalist for coral reef snorkeling trips while I studied the dolphin populations. My actual thesis work monitored the fish communities where the dolphins did most of their feeding. I spent years watching the fish I learned to ID in your class. I then went on to a MA in Teaching from Towson and taught middle school science for a few years. I am currently a PhD candidate at Cornell University and I think I can actually see the end in sight. I am studying functional conservation genetics in the eastern oyster and am housed in the Department of Natural Resources. My time at Salisbury is still a guiding force in my research and in how I approach teaching. I can sincerely say the professors from Salisbury are the best I have encountered as I have jumped across universities."

Ashleigh Frank (2010 Biology Graduate) has been accepted into West Virginia Osteopathic Medical School.

Sabrina Kunciw (2011 Biology Graduate) has been accepted into University of Maryland School of Medicine.

Kara Muffoletto (2010 Biology Graduate) has been accepted into The Towson University Physician Assistant Program.

Megan Wikander (2006 Biology Graduate) is now working at Wildlife International in Easton in the Avian Toxicology dept.

If you have announcements to add or general comments regarding the Newsletter, please email dlprice@salisbury.edu. Your opinion matters!

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