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The Squid's Ink

Notes From the Editors

We would like to dedicate this issue to Dr. Tom Hopkins, who has recently retired. We would like to take this time to reflect on his contributions, both to science and to this department. Tracey Sutton has done this very eloquently later in this issue, outlining some of the many accomplishments in his very distinguished career. Jose Torres summed up Dr. Hopkins best when he said, "Tom is not just the best at what he does, he's the best there ever was."

In other Tom news, don't miss Lisa Young's article on the next page. She tells of her husband Tom's experiences being both a marrow donor and a recipient. This is a very touching article written about an extremely important topic.

Congratulations!

Congratulations! Joe and Kelly Donnelly have a new son, Sean William. He was born on June 10th, and weighed 7 lbs 12 oz.

Congratulations to Dale Griffin and Erin Lipp for their successful dissertation defenses. Congrats also go to Brian Donahue for his thesis defense on "Modern Morphodynamics and Holocene Evolution of an Inner Shelf/Estuarine Transition Zone on the West Florida Shelf."

Finally, thanks and congratulations to MSAC and the SCUBA Club for organizing another successful Spring Splash. Despite the weather, a good time was had by all who attended.

Upcoming Events

July 1, *Canada Day*

July 4, *Independence Day*

July 14, *Julius Caesar's birthday (July was named after him)*

July 17, *actor James Cagney born on this date in 1899*

July 21, *Ernest Hemingway born on this date in 1899*

*****All Wacky Wednesday spots are open for this month. Contact Jyotika to present something.*****

Cool Off with Big Olaf

In our effort to inform you about one of the most important food groups (ice cream!), Juli Rasure has this to offer:

The Big Olaf Creamery is a relatively new, wonderfully delicious ice cream shop on 18th Ave. North and 66th St. (next to Circuit City, and behind Bennigans). The ice cream is all handmade from Amish recipes in Sarasota, and is made with all natural ingredients. It's inexpensive too!

Large scoops set on top of fresh, made before your eyes brownies or waffle cones will definitely tempt you to come back for more. Virginia Duncan is the owner, and she is very friendly, and eager to meet new faces! Go visit her!

Mark your calendars!
The next blood drive is
August 4th, from 8am-

The Donation of a Lifetime

By Lisa Young

Leslie lives with her husband in Big Fork, Montana. They have a log cabin "in the middle of nowhere" which suits them just fine. They do wildlife conservation work, often on horseback in the summer and snowmobile in the winter. Five years ago, Leslie wasn't sure if she would see another snowmobiling season. She had myelodysplasia, a leukemia-like blood disease that is often fatal. The only cure for this disease is a bone marrow transplant, a very risky procedure in which her own marrow would be destroyed and replaced by marrow from a donor with similar blood histology. None of her relatives were a match, but fortunately the National Marrow Donor Program (NMDP) found a matched unrelated donor for Leslie. She would be able to have that transplant and snowmobile again.

This is not some hype that I plagiarized off a bone marrow donation pamphlet. Leslie is a real person and the matched unrelated donor is my husband, Tom.

After losing a friend to leukemia in college, Tom registered to be a bone marrow donor. He explains, "I didn't have much money to give at the time, so I figured that signing up was the best way that I could donate to the cause."

It was very easy to do – give one vial of blood and answer a few questions. That's it. When they called him in as a potential donor, they took a little more blood and did a routine physical. No problem. When he was accepted as a donor, he checked into All Children's Hospital as an outpatient for the day. Many insurance companies will cover the costs associated with donating marrow--including student health insurance (can you believe it?).

Here's how it worked. They gave him the choice of general anesthesia or an epidural. He went with anesthesia, but has since had 3 more bone marrow harvests (related to his own illness) with only a local anesthetic, so don't let

anybody scare you with stories of how painful bone marrow donation is! Because he was donating for an adult, they had to harvest a lot of marrow (about 1.5 liters). If the recipient were a child, they would have needed much less. He was home in time for dinner.

For the next couple of days, he felt weak and his hips were a little sore. We were told some people have no discomfort; one guy went home and mowed his lawn the same day. To ensure privacy and prevent unscrupulous donors from seeking compensation from the recipients, both donor and recipient are kept anonymous. After one year, if both parties agree, then names can be exchanged.

In case you were wondering, Leslie came through the procedure with flying colors and to this date remains free of her disease. She and Tom maintain a regular correspondence. You might think this is a pretty one-sided relationship. He donates marrow, she's grateful, end of story. Not so. One year after donating, Tom was diagnosed with Hodgkin's Lymphoma. Leslie became a tremendous source of comfort and reassurance to Tom as he faced a transplant of his own. There's a song out right now that says, "You only get what you give." I disagree. There's an innate synergism to good deeds; in the long run, the return always exceeds the initial investment.

Tom was able to use his own marrow for his transplant. This is fortunate because like many people waiting for bone marrow transplants, he does not have any close relatives that are a match. Like Leslie, he would have had to hope the NMDP would find a matched unrelated donor. This is an especially big problem for minorities because a match is most likely to come from within one's own ethnic group, and most minorities are underrepresented in the registry. All expenses related to donating marrow are paid for by the NMDP. However, to sign up and do the initial blood typing, there is normally a \$25 fee (half the actual cost). This fee is always waived for members of underrepresented minority groups (African Americans, Asians, Hispanics,

Latinos, Pacific Islanders, and Native Americans).

Tom has always said that donating bone marrow is one of the things that he is most proud of in his life. If you would like to make the donation of a lifetime, Florida Blood Services will be holding a **free bone marrow registration drive** on August 7, in Campbell Park (south of Tropicana Field) as part of Family Festival Day. Typing is quick and easy. Just one little vial of blood. Don't tell me you can't stand needles. We all have to go through ordeals in life that are a lot more painful than a little needle stick (defending a thesis or dissertation comes to mind!).

Providing these free registration drives is a big financial burden for Florida Blood Services. As co-coordinators for the on-campus blood drives, Nan Schmidt and I would like to solicit donations to help FBS offset the cost of this registration drive. If you plan to register, maybe you wouldn't mind paying for all or part of your own registration. If you cannot or do not want to be a bone marrow donor, you can still participate by helping to sponsor this registration drive with a monetary donation. We would suggest a donation of \$5 - \$25 (more is OK too!). You can give your money to me (KRC 3124b) or Nan (MSL 140d) by August 2nd. Make your check payable to Florida Blood Services. We will be posting signs and e-mails as the day approaches.

Please don't forget about this. Right now in Tampa, there is a 13-year-old boy named Lawrence Brown who needs a donor. He has acute myelogenous leukemia and will surely die if a match isn't found in time. In addition, my husband Tom is now fighting another round in his battle with cancer. If his current treatment fails, he may be looking for a donor as well. It boils down to this: the more people on that registry, the better chance that all the Lawrences, Toms, and Leslies out there will find their crucial match.

For more information about bone marrow registration, you can call FBS at 727-322-2170. All names in this article are real and are used with permission.

Tribute to Dr. Hopkins

By Tracey Sutton

Tom began his career as a young estuarine scientist, publishing his first paper "Natural Coloring Matter As An Indicator of Inshore Water Masses" in *Limnol. & Oceanogr.* in 1961. He went on to publish five more papers in estuarine science before turning his attention to the poles, publishing results of plankton research from both the Arctic and the Antarctic. This set the stage for his distinguished career in polar biology.

In the mid-60s Tom acquired an infectious deep-sea virus while at the University of Southern California, the main symptoms of which are an aversion to sunlight and a strange fascination with bright red shrimps and ferocious looking black fishes.

Tom arrived at USF in 1967, being hired by Jack Briggs. With the arrival of Ron Baird in 1969, the early seventies saw the construction of a deep-sea biology program that would span two decades and is still ongoing. In fact, Tom's sampling site in the eastern Gulf of Mexico, referred to as Standard Station, is arguably the best studied deep-sea site in terms of ecosystem structure, in the history of oceanography.

Hopkins and Baird were extremely productive, producing works which are required reading for students of deep-sea ecology, including a summary chapter on the trophic ecology of deep-sea fishes. During this same period Tom also wrote The Paper on zooplankton distribution in Tampa Bay. The early eighties saw a 3-paper series by Drs. Baird and Hopkins in which the feeding dynamics of a deep-sea hatchetfish were analyzed in unequaled depth and detail. Tom's next paper on the distribution of zooplankton in the eastern Gulf laid the groundwork for what would later become an ecological description of an entire oceanic community.

Hopkins and Baird continued to produce papers from Standard Station until the mid-80s, at which time Tom turned his

attention to the Antarctic, publishing 4 papers on Antarctic food webs. From the late 80s to the mid-90s Tom teamed up with Jose Torres to publish 14 papers on Antarctic ecology, including the seminal *Deep-Sea Research* paper "Midwater Food Web In the Vicinity of A Marginal Ice Zone In the Western Weddell Sea."

During this time Tom's students were also working up the key components of the Gulf deep-sea fauna: the lanternfishes, the bristlemouths, the shrimps, copepods, euphausiids, cephalopods, dragonfishes and heteropods. By this time Tom had amassed a data set unrivaled in oceanic biology, and with the mop up of another 50 or so fish species, published the first paper treating the trophic structure of an entire midwater fish assemblage. The key finding of this paper was that in the warm open ocean, most of the zooplankton production seems to be channeled outside of the classic zooplankton-fish food chain.

Within this time period, Tom threw caution to the wind and took on a seedy looking graduate student to head up a program to develop a new plankton sampler. This was truly one of the most fortuitous events of my life and I will always be grateful.

When I look at Tom's career, I see a man who came to a fledgling marine science institution and built from scratch a program to study the factors which shape deep-sea animal communities in 2 totally disparate environments: the polar and tropical deep-sea. Tom's work in the Southern Ocean has served as a basis for understanding polar ecosystems, particularly the role of zooplankton. Simply put, you would be hard pressed to find a recent paper on Antarctic zooplankton that doesn't have Hopkins' name in it. Using the Gulf as an analog for the world's warm-water mesopelagic environment, Tom demonstrated resource partitioning as a solution to the paradox of high faunal diversity in a homogeneous environment. When you consider that the warm-water mesopelagic is by far the worlds largest living space, and contains most of the

worlds animals, Tom's work represents a cornerstone of marine ecology. For the field in general, and from us in particular, we thank you.

Inquiring Minds Want to Know!

By Mark Hafen

What are the books that you have read over the years that have most influenced your life? Affected you by having altered your life's philosophy, changed your outlook, or profoundly touched you in some way? The St. Petersburg Junior College Library asked this question of the college's faculty several years ago, and published the results in their newsletter for the benefit of SPJC's students, staff, and faculty. The replies they received were both interesting and surprising, especially because several of the same books appeared on multiple lists.

So we'd like to ask you, the students, staff, and faculty: What book or books that you've read have affected you most profoundly or are the most memorable? Give a brief explanation as to why. Write, call, or e-mail your responses to Mark Hafen (mhafen@seas or x1183) and we will publish them in the next issue or two of *SI*. Inquiring minds want to know!

Thank You!

Rebecca Beavers, Peter Howd's ex-PhD student, would like to say a big thank you to all the students, faculty, and staff who helped her during her last year of residence at the Marine Science Department. She really appreciated the help from everyone in her preparatin to her successful dissertation defense at Duke University in late April.

She is now at UNC-Wilmington's Center for Marine Science Research as a Research Assistant Professor. In the one month that she has been there she has completed a week of nearshore subbottom surveys near Duck, NC, attended a Coastal Sediments

Conference, and moved into her new house and office. Jyotika has her contact information if you're interested.

Movie Mania

By Mark Hafen

"The Castle" and the Joys of Other Films from Down Under.

"The Castle" is an Australian film distributed by Miramax, that arm of

Disney that subversively puts out non-G rated movies. It is a comedy that borders on farce, yet the characters and their actions are, in the end, more believable and less hyperbolic than those in most films of this genre.

"The Castle" centers around a suburban Melbourne family, a tight-knit, working class clan of six, living in a non-descript house located right next to an airport. They are totally unfazed by the adaptations they must make to being mere meters below incoming jets. In fact, they view their home's location as a positive attribute. And that, really, sums up their approach toward most everything and is what provides a near constant stream of laughable situations throughout the film.

The family's near-idyllic life is disrupted when the airport authority attempts to buy out their property, and that of their few (and equally quirky) neighbors, to build a runway extension. Family patriarch Darrell is at first befuddled that this could even be attempted, let alone, as he soon finds out, sanctioned by the government. His resolve to defend his home -- his castle -- only strengthens as he continues to battle the process at higher and higher levels of the Australian court, with the help of his screwball neighbors and the reluctant assistance of a local schlock lawyer (who unsuccessfully defended Darrell's currently incarcerated son).

The result is a series of truly amusing court appearances that nevertheless show the widening gap between the values of the common Aussie family and that of their government. A chance meeting at one of these hearings puts Darrell in touch with a retired barrister, who takes on the case, leading to a final showdown in the Australian High Court.

The film is partially narrated by the clan's youngest son, Dale, and his deadpan observations lend a comedic absurdity to the actions on the screen. There are a series of running jokes in the film that are 100% predictable in their timing and location, yet are still

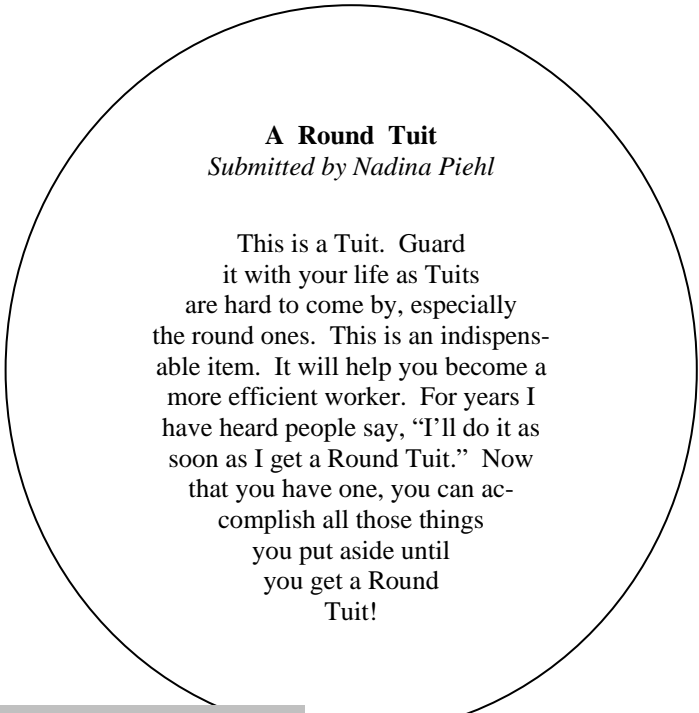
funny.

I have to admit, having grown up in a blue-collar family of six, in a small house, located right next to an airport...well, I probably found more to laugh at than most. But many in the audience when I attended were seeing "The Castle" for the second time, a testament to the film's ability to entertain.

I've watched a lot of Australian movies over the years, and "The Castle" ran true to form in providing an unambiguously clear and pleasant conclusion, a trait they all seem to share. If you like movies that mix clever story lines and fine acting without ridiculous violence or muddled endings, I would highly recommend a series of Aussie films in addition to "The Castle":

- * "Children of the Revolution", a twisted plot, spanning decades, about a socialist activist and the consequences of her past relationship with Josef Stalin.
- * "Strictly Ballroom", a burgeoning romance complicated by the politics of competitive dance sport.
- * "Cosi", starring Toni Collette of "Muriel's Wedding", a funny and poignant story of a group of people in a mental institution attempting to put on a production of an Italian opera.
- * "The Sum of Us", starring Russell Crowe as a gay man whose good-intentioned father is always meddling in his love life.
- * And of course you can't forget "Muriel's Wedding" and "The Adventures of Priscilla: Queen of the Desert."

Most of these are distributed by Miramax and available for rental. "The Castle" has been showing at the Beach and Tampa Theatres, but should be in video by the end of the year.



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Doug is the reason we have a smooth running network and 24 hour access to email and the internet within our department. He is known to spend all night reconfiguring seas after hackers have intruded the system so that things will be back up and running before the rest of our department arrives the next day.

We have an open position not yet filled, which has increased the workload for Doug. On top of that, he has had to recheck everything with the new network that was found to be improperly installed throughout the old building. This has been a very exhaustive effort and yet Doug has kept positive about the whole experience and even kept his sense of humor.

performances by all, the film truly feeds on a steady stream of Shakespeare in-jokes and gripping modern-day references. The wonderful cast includes Rupert Everett as Christopher Marlowe, and Dame Judi Dench, winner of the Best Supporting Actress Award for her eight minute on-screen presence as Queen Elizabeth I. Excellent direction, a beautiful score, and believable scenery and costume designs help drive this film, but it is the magnificent script that will allow *Shakespeare in Love* to take its rightful place among the classic Shakespearean spin-offs.

Score: 5 squids out of 5

April Fool

April was called *Germinal* (the time of budding) in the French Republican calendar of 1793. An April Fool (*un poisson d'avril* in French, a *gowk* [cuckoo] in Scotland) is a person befooled or tricked on April Fool's Day. Possible origins for this day are:

*The uncertainty of the weather at this time of year fools people.

*A mockery of the trial of Jesus.

*March 25th used to be New Year's Day. April 1st was its octave (when the festivities culminated).

*Relic of the Roman Cerealia, held at the beginning of April. The story says that Prosperina was gathering daffodils in the Elysian meadows when Pluto abducted her and took her to the underworld. Her mother, Ceres, heard the echo of her screams and went in search of the voice. However, her search was a fool's errand- it was "hunting the gowk" or looking for the "echo of a scream."

Virtual Ink

This column is dedicated to those of you who put off doing your taxes until the last possible minute. We know you are out there! We have seen you rush to the post office on April 15th and wait on line for hours just to make sure your taxes get out in time! Well, you only have about 2 weeks left, so we thought

we would give you some information that will hopefully make filing your taxes a little easier.

www.irs.ustreas.gov is the official homepage of the IRS. Here you can find all kinds of up-to-date information in a relatively easy to read format. This site tells you how to use *e-file*, the new way to file your taxes electronically, and also gives information about the many tax credits that are available. You can search for help centers with Saturday hours, or search a database to find a local tax professional to help you. There is also information for those people filing taxes for a business. The "What's Hot" section provides updates and corrections to forms, among many other things. Maybe most importantly, this website tells you how to file for an extension! Good luck!

Joke of the Issue

More bumper sticker slogans...

*I just got lost in thought. It was unfamiliar territory.

*42.7% of all statistics are made up on the spot.

*99% of lawyers give the rest a bad name.

*I feel like I'm diagonally parked in a parallel universe.

*You have the right to remain silent. Anything you say will be misquoted, then used against you.

The future of this department depends on YOU!

USF was recently designated a Research 1 University. In order to maintain the high standards that have been established here, it is *vital* to have a

library adequately equipped to handle our needs.

As you probably know, several subscriptions to important marine science journals have not been renewed. Boris Galperin, the Library Committee Representative for the department, sent out an email asking for your input. The response was dismal; less than 10% of the people in this department responded. This is pathetic when you consider that you will *all* use the library here at some point of your career.

We hope this will make it easier for you to respond. Please take a few minutes to review this list. Jot down some notes – what journals are most important to you, which ones are of no use to you, are there any journals that the library currently does not receive that would be helpful to you, etc.? Then, simply tear this page off ASAP and put it in Boris' mailbox or e-mail him at boris@nektion.marine.usf.edu.

The following list of journal titles have not been renewed for 1999.

AIAA Journal
 American Journal of Science
 American Mineralogist
 Geology
 Geophysical Research Letters
 Global Environmental Change Report
 Geological Society of America Bulletin
 International Journal of Remote Sensing
 International Journal of Water Resources and Development
 Journal of Coastal Research
 Journal of Geophysical Research (all sections)
 Journal of the Atmospheric Sciences
 Powder Diffraction

The following list of titles have been supported by USGS funds and have been renewed for 1999.

Boundary Layer Meteorology
 Journal of Computational Physics
 Journal of Fluid Mechanics
 Physical Review Letters
 Environmental Career Opportunities

The journals listed here are either currently received by Poynter Library or available electronically through the USF Virtual Library.

AAPG Bulletin
 Ambio

American Fisheries Society
 Transactions (AFS)
 American Scientist
 Applied and Environmental
 Microbiology
 Aquaculture
 Aquatic Botany

Biogeochemistry
 Biological Bulletin
 Boundary Layer Meteorology
 Bulletin of Marine Science
 Bulletin of the American
 Meteorological Society

Canadian Journal of Fisheries and
 Aquatic Sciences
 Chemical Geology
 Continental Shelf Research
 Coral Reefs
 Deep Sea Research
 Dynamics of Atmospheres and Oceans

Earth and Planetary Science Letters
 Earth Science Reviews
 Ecological Monographs
 Ecology
 Estuaries
 Estuarine Coastal and Shelf Science
 Experiments in Fluids
 Fisheries (AFS)
 Fisheries Oceanography
 Fishery Bulletin

Geochimica et Cosmochimica Acta
 Geological Society of America Bulletin
 Journal of Aquatic Animal Health
 (AFS)
 Journal of Climate
 Journal of Computational Physics
 Journal of Experimental Marine
 Biology and Ecology
 Journal of Fluid Mechanics
 Journal of Geology
 Journal of Hydraulic Research
 Journal of Marine Research
 Journal of Marine Systems
 Journal of Physical Oceanography
 Journal of Plankton Research
 Journal of Sea Research
 Journal of Shellfish Research

Limnology and Oceanography
 Marine & Freshwater Research
 Marine & Petroleum Geology
 Marine Biological Association of the
 U.K., Journal of the
 Marine Biology
 Marine Chemistry
 Marine Environmental Research

Marine Geology
 Marine Geophysical Researches
 Marine Georesources & Geotechnology
 Marine Micropaleontology
 Marine Pollution Bulletin
 Molecular Marine Biology and
 Biotechnology

North American Journal of Fisheries
 Management (AFS)
 Oceanic Abstracts
 Oceanologica Acta
 Ophelia
 Paleooceanography
 Physical Review Letters
 Polar Biology
 Progress in Oceanography
 Progressive Fish-Culturist (AFS)

Quarterly Review of Biology
 Remote Sensing of Environment
 Reviews of Geophysics
 Sarsia
 Sea Grant Abstracts
 Tectonics
 Tectonophysics
 Tellus, pt A and B
 Water Resources Research

- * There are 3 billion women who don't look like super models and only eight who do.
- * Marilyn Monroe wore a size 14-16.
- * If Barbie was a real woman, she'd have to walk on all fours due to her proportions.
- * The average American woman weighs 144 lbs. and wears between a size 12 and 14.
- * One out of every four college aged women has an eating disorder.
- * The models in the magazines are airbrushed-they're not perfect!!
- * A psychological study in 1995 found that three minutes spent looking at models in a fashion magazine caused 70% of women to feel depressed, guilty, and shameful.
- * Twenty years ago, models weighed 8% less than the average woman. Today they weigh 23% less.

Dear Boris:

The following journals are very important to me: _____

Please don't cancel the following subscriptions: _____

Other comments: _____

Did you know ...



the text box shading to improve the print quality. Can that be done?

A: Yes. To change the shading or color of a text box, select it and double click its borders to open the Format Text Box dialog box. Click the Colors and Lines tab and then choose the new color from the Color drop-down list in the Fill section.

Q: What's the best way to print this newsletter?

A: Print page 2 on the back of page 1. Fold in half and mail with or without an envelope. For best results, use a medium to heavyweight paper. If you're mailing without an envelope, seal with a label.

Q: I would like to use my own clip

Q: I would like to change some of