Notes From the Editors

Tuition Trouble: Once again it is that time of year to pay USF hundreds of dollars for tuition. Recent emails on seas have pleaded with students to take more courses to help make up for budget deficits and to save the school. With the recent tuition increase, taking more courses will help even more. What? You didn’t hear about the tuition increase? Of course you didn’t! The Fall 1999 Schedule of Classes, which was mailed to every student, lists the cost per credit hour on the St. Pete campus as $133.86. In actuality, it is $142.97.

Why would they publish one rate and charge another? We still have not been able to get an answer. According to the people in the billing office in Tampa, the people in Tallahassee are the ones who decide on the rate increase. Why do they do it after the rates are published? Who knows? Where are these changes published? Who knows? If you do a search for “tuition” on the USF homepage (www.usf.edu), and then click on “tuition and fee rates,” you will get the rates from 1996! We were told that the new rates were published “everywhere.” Well, “everywhere” obviously does not include material mailed out to each and every student. To make matters worse, this is the second year in a row that this has happened.

For those of you lucky enough to have your tuition paid for by a grant, you probably don’t care about this. For those of you who have to pay your own tuition, you should care because you might get a bill stating that you have an outstanding balance.

Congratulations!

Congratulations to Robyn Conmy for her successful thesis defense last month.

Welcome!

We would like to welcome the new students and urge them to become active in the department. For ways to do this, see “Not Just for New Students” later in this issue. Here is a list of the new students and their advisors:

Christina Barnes – Dr. Muller-Karger
Cesar Barragan – Dr. Torres
Joel Bellucci – Dr. Torres
Jeanette Cosden – Dr. Byrne
Kellie Dixon – Dr. Vargo
Jamie Eng – Dr. Paul
Michelle Grigsby – Dr. Torres
Keith Hackett – Dr. Hallock Muller
Jason Jolliff – Dr. Walsh
Michelle McIntyre – Dr. Naar
Jeanette McKenna – Dr. Vargo
Clifford Merz – Dr. Weisberg
Scott Milroy – Dr. Walsh
Walter Quintero – Dr. Rose
Carol Rosetta – Dr. Rose
Antoya Stovall-Leonard – Dr. Coble
Beau Suthard – Dr. Hine
Elizabeth Walsh – Dr. Weisberg
Binyu Wang – Dr. Byrne
Peter Wenner – Drs. Fanning and Byrne
Shannon Williamson-Smith – Dr. Paul
Amy Wright – Dr. Flower
Upcoming Events

Sept 1, Campus Showcase & Wellness Fair, 11am-6pm, Harborside & Davis Lobby
Great places to check out campus organizations and maybe even pick up some freebies

Sept 5, Be Late for Something Day

Sept 6, Labor Day

Sept 11, Rosh Hashanah

Sept 15, Wacky Wednesday Wunchtime, noon, MSL conference room
Pam Muller kicks off this weekly series with a presentation entitled “The Canadian Tundra by Wing and Water.” Bring your lunch.

Sept 18, Florida Coastal Cleanup, 9 am, Tierra Verde Causeway
Clean up our beaches and get a free t-shirt and BRITA water pitcher

Sept 20, Yom Kippur

Sept 22, Elephant Appreciation Day; Wacky Wednesday Wunchtime is open, see Jyotika to present something.

Sept 23, Autumn Equinox: Fall Begins

Sept 25, Full Moon

Sept 29, Wacky Wednesday Wunchtime is open, see Jyotika to present something.

Sustainable Seas

By Pam Hallock Muller

The USF/FMRI portion of the Sustainable Seas Expedition was completed August 15-20. Pam Hallock Muller (Principal Investigator), Walter Jaap (Deep Worker Pilot), and Paula Coble (SSE Education Advisory Board) participated in the effort to survey deep reef resources of the Tortugas Bank area. The Sustainable Seas Expedition is led by Sylvia Earle and the goal is to explore the nation’s Marine Sanctuaries. For more details, visit the website: www.sustainableseas.noaa.gov.

Not Just for New Students…

Looking for something to do? Here is a brief overview of some of the more regular happenings around the department:

*The Squid’s Ink: This fine publication (A. Ed note: Us? Biased? Nah!) serves as the departmental newsletter and is published the first week of every month. Submissions are always welcome (and desperately needed!). You can write about absolutely anything at all. Email your articles or ideas to the editors (lizz@marine or jyotika@marine).

*MSAC meetings: MSAC stands for Marine Science Advisory Committee. If you are a member of this department, you are a member of MSAC. These informal meetings are held periodically to keep you updated on issues and to plan events. See Lisa Merman (current MSAC president) for more details.

*Wacky Wednesday Wunchtime (WWW): Held almost every Wednesday at noon in the MSL conference room. This is a very informal place for you to practice a talk and get some feedback, show off a skill (past performances have included unicycling and tuvan music demonstrations), or talk about a great vacation and let others get to know you. If you don’t want to present, come and watch someone else. You are welcome to bring your lunch. See Jyotika Virmani for more details.

*TGIF: Held almost every Friday at 5:00 in the MSL lounge (that is, once the lounge renovations are complete. In the meantime, check your email for the location). Come and hang out and have a beer, soda, and snacks. A great way to unwind after a tough week.

*The photoboard: A great way to learn who’s who. This hangs on the wall near the vending machines in MSL. See Chad Edmisten (x1516) to get your photo added.

Publications

In this continuing feature, we publish citations of any articles you may have published lately. Don’t forget to send us your submissions (published in 1999 only) so you can let others know what you are working on.


Philosophical Cerebration

By Bob Helber

Disclaimer from the Editors: Bob has recently gone through his comprehensive exams, so we apologize if reading this makes you dizzy. Do not read this prior to watching “The Blair Witch Project,” otherwise you will feel nauseous!

If one wanted to write something without the possibility of writing anything incorrectly, could the result conclude anything at all? Either a written text would have some meaning or it would not mean anything. The questions that arise are two in number and two questions arise. The first is, “What does a document state and what statement is it that the document contains?” Once this is identified we then query, “Is the document tautologous and does the document have the property of being a tautology?” A tautology is defined best by Ernest Nagel and James R. Newman, or it could be defined better by someone else. Regardless, in their book “Godel’s Proof” (1958), they state, “In logic…a tautology is defined as a statement that excludes no logical possibilities – e.g., ‘Either it is raining or it is not raining.’” In common language a tautologous utterance merely contains a redundancy or says the same thing twice over in different words. So, the answer to this Philosophical Cerebration can be obtained if the answers to the above two questions can be answered or our answer will come only with the addition of more questions or none at all. Assume that there is another question, such as, “is the prose at hand a local tautology?” or don’t presume anything. If one is in the business of presuming, then the answer to the proposed question would dictate whether the text or utterance would be merely redundant or wholly inconclusive, if one’s business is other than presuming. The logical tautologous prose would be the wholly inconclusive passage and the wholly inconclusive passage would be the logical tautologous prose. The answer is clear: when the writer of a nonsensical column allows drivel to emerge from his fingers upon a computer keyboard this does not indicate that the ensuing prose does not contain anything incorrect or prose containing nothing incorrect is always the result.

The Best of ’99 (so far)

Inquiring Minds Want to Know, Part 2 - What is your favorite CD of 1999 (so far)? Tell us the title and artist, and a few sentences about why you like the CD so much. Sarah Tebbens gave us this idea, and her vote is as follows:

The Chieftains, “Tears of Stone”
Richard Gehr said it best when he wrote (on amazon.com), “On Tears of Stone, the group [The Chieftains] accompanies a bevy of internationally acclaimed female vocalists on traditional tunes with inventive new arrangements by Paddy Moloney. Sinead O’Connor and the Corrs remain close to their roots, while Bonnie Raitt, Mary-Chapin Carpenter, Loreena McKennitt, and Joan Osborne all sound more than convincingly Celtic. The best performances, however, are by those artists least attached to the tradition. Moloney’s take on Joni Mitchell’s "The Magdalene Laundries" outdoes the original.”

Sarah goes on to say, “I’m partial to the upbeat cut, "I know my love" (A. Ed. Note: I completely agree!) Another favorite is "The Lowlands of Holland," sung by Natalie Merchant, formerly of 10,000 Maniacs. Surprisingly, I first heard this music as part of a 4 day computer (IDL) training course. The training course, by the way, was excellent and IDL is going to be getting heavy use in my lab in the upcoming year.”

Phone Problems?!?

This is the real reason why we got the new phone system!!!
Inquiring Minds Want to Know!

By Mark Hafen

More about books that you have read over the years that have most influenced your life. There will be more published in the next issue, and there is still time for you to get your picks in. Submit your responses to me (mhausen@seas.org or x1183) ASAP. Inquiring minds want to know!

David Palandro: "Catch 22" by Joseph Heller. By far the best book I've ever read! I've never read a book that better illustrates how ludicrous life can be sometimes. Although it uses World War II as a backdrop (the most ludicrous of situations), it is still applicable to 'normal' everyday life. Supporting the overall message of "you just can't win sometimes" are characters that everyone can identify with. My two favorites were Yossarian, the hero of the story, and Orr, the one that everyone thinks is crazy, but turns out to be the most sane of all. If you haven't read it, I strongly suggest that you give it a shot. As usual the movie is nowhere near as intricate or funny as the book.

John Ogden: "Travels in the Malay Archipelago" by Alfred Russell Wallace - travel and discovery by a scientific pioneer in the era of the formulation of the hypothesis of evolution by natural selection. "Moby Dick" by Herman Melville - the great allegorical novel. "Typhoon" by Joseph Conrad - great description of the moods of the sea in the context of human struggle to survive. "Admiral of the Ocean Sea" by Samuel Eliott Morrison - the life and voyages of Christopher Columbus told by the greatest U.S. naval historian. "Far Tortuga" by Peter Matthiessen - poetical novel of the Caribbean by a wonderful contemporary novelist and natural historian. "One Hundred Years of Solitude" by Gabriel Garcia Marquez - sweeping novel of life merging with fantasy in South America. "A World of Wounds: Ecologists and the Human Dilemma" by Paul R. Ehrlich - a pioneering ecologist reflects on his career of struggle to bring the problem of over-population to the general public. "Song for the Blue Ocean" by Carl Safina - a noted young conservationist raises the alarm about the finite nature of ocean resources.

Nan Schmidt: "I read authors, not books." Digging deep, thinking hard, and reflecting on what is important in my life, I choose the following two AUTHORS as those that have had the biggest impact on my life so far: Judy Blume and Robert Heinlein. Judy Blume for books like "Are You There God, It's Me Margaret". Her books introduced me at a tender age (i.e., they were banned in elementary school and passed around in secret) to the emotional aspects of sexuality. They filled in all the really important stuff that my mom and my health teacher forgot to mention, and they taught me at an early age that it's OK to be curious about everything. Robert Heinlein for books like "Stranger in a Strange Land", which was the very first science fiction book I ever read. That was in the 7th grade and it launched me into an obsession that has driven me to devour the best sci fi and fantasy that I can find. Not that Heinlein was an exceptional writer; in fact in hind sight I think he was pretty much a chauvinistic pig, but he got me started with reading authors that teach me not just about human nature but about the just incredible, inspiring limitlessness of the imagination.

Tony Greco: The Bible. Without a doubt, the most influential book I've read is the Bible. It's the only book I know written by multiple authors over hundreds of years with one unifying theme. Its timeless principles are applicable even in today's crazy mixed up world. I try to read a small section of it every day.

Pam Muller: "The Future Eaters" by Tim Flannery - natural history and ecological vulnerability of Australasia from the viewpoint of a vertebrate paleontologist from the Australian National Museum in Sydney.

Instructions for Life

From our wise neighbors to the west, we bring you these Nepalese Good Luck Tantras:

- When you say, "I'm sorry," look the person in the eye.
- Give people more than they expect and do it cheerfully.
- Never laugh at anyone's dreams. People who don't have dreams don't have much.
- Teach yourself to speak slowly but think quickly.
- Follow the three Rs: Respect for self, Respect for others, Responsibility for all your actions.
- Don't let a little dispute injure a great friendship.
- When you realize you've made a mistake, take immediate steps to correct it.
- Smile when picking up the phone. The caller will hear it in your voice.
- Don't just listen to what someone is saying. Listen to why they are saying it.

Congratulations USF!

We were very pleased to hear that the State Board of Regents recently approved the creation of 4-year undergraduate programs on this campus. To appease objections from Eckerd College and SPJC (among others), USF had to agree to some restrictions, such as not building housing on campus and not creating undergraduate programs in certain subject areas (Marine Science was one of them).

The 4-year designation will not only benefit USF by bringing in increased tuition money, but it will also benefit the economy of St. Pete. There will be more people to spend their money downtown at restaurants, museums, etc. This is clearly a win-win situation for everyone.
Anagrams

An anagram is a word or phrase formed by rearranging the letters of another word or phrase. Here are some of our favorites:

- Dormitory: Dirty Room
- Evangelist: Evil's Agent
- Desperation: A Rope Ends It
- The Morse Code: Here Come Dots
- Slot Machines: Cash Lost in 'em
- Animosity: Is No Amity
- Mother-in-law: Woman Hitler
- Snooze Alarms: Alas! No More Z's
- Alec Guinness: Genuine Class
- Semolina: Is no meal

The Public Art Galleries
Large Picture Hall, I bet

A Decimal Point: I'm a Dot in Place
The Earthquakes: That Queer Shake
Eleven plus two: Twelve plus one
Princess Diana: Ascend in Paris

and the Finale: "That's one small step for a man, one giant leap for mankind." Neil Armstrong

The anagram: "Thin man ran; makes a large stride, left planet, pins flag on moon! On to Mars!"

Book Review

Taken from an AP Press Release

“Language of the Land” is a new book published by the Library of Congress. It is unusual and unique in that it is an atlas of imaginary places. If you want to pinpoint where James Bond met that blonde with the bottle of champagne on her curvy hip, or see just where Tom Sawyer whitewashed his famous fence, then this book is for you. Still another map points out the spot at which Paul Bunyan's ox Babe, trying to catch a field mouse, dug the Mammoth Cave. L. Frank Baum's "Wonderful World of Oz" is charted. Illustrator Dick Martin located the Shifting Sands and Deadly Desert, with Emerald City and Gunda's Palace smack in the middle. A Yellow Brick Road is there too, though it's not clearly labeled.

“Literary maps depict ideas as much as places,” wrote co-author Martha Hopkins in the book's introduction. Most literary maps, Hopkins noted, are not drawn to scale and contain little detailed information on topography, geology, towns, rivers or roads. They “present a world in which authors and books are the dominant features,” she explained.

Still, some of the places are real enough. Author Ian Fleming made his James Bond stories credible by searching out authentic settings for what the library calls his “assignments and assignations.” Only Agent 007 himself and his exploits sprang from Fleming's imagination.

J.R.R. Tolkien's imaginary “Middle Earth” rates three detailed maps. Somewhere between reality and imagination lies Mark Twain's St. Petersburg, the home of Tom Sawyer, modeled on Hannibal, MO. That's where the young Sam Clemens lived before he went piloting on the Mississippi, where he got his pen name. The half-whitewashed fence is on St. Petersburg's Hill Street, near Becky Thatcher's house. “There ain't anything that is so interesting to look at as a place that a book has talked about,” Twain quotes Tom as saying in later life.

“Language of the Land” describes and reproduces the fantastic maps, along with many others covering the literary landscape. It was compiled by Hopkins of the library's Interpretive Programs Office and Michael Buscher of the Geography and Map Division.

The maps mostly cover English-speaking countries - Canada and Australia have maps that illustrate their best-known books. Even one for Paris gives a large space to Oscar Wilde and American writer Gertrude Stein, whom the French do not see as important to their literature. There’s also a bright map, shaped and colored like a parrot - written in English - devoted to Latin American writers.

Educational Outreach Programs

Information submitted by Hope Botterbusch

Here is a brief overview of the many educational outreach programs run by people in this department:

Executive Internship Program in Marine Science: High school seniors from Pinellas County Schools earn dual high school/college credit as they explore careers in marine science. Students interview marine scientists, attend seminars, take field trips, participate in research cruises and educational outreach programs as they define a future career in marine science. Contact Person: Hope Botterbusch, x3934

Making Waves: A unique multimedia approach to learning that offers middle school teachers and students an insider's view of current, relevant ocean science research efforts. Articles written by USF Marine Science students, with expert faculty advice, are published in Interactive Teacher, a magazine which reaches 185,000 teachers nationwide." That extra tidbit is impressive. An original curriculum guide related to each article topic is available on their
Oceanography Camp Especially For Girls: This is a summer camp program for young women just entering high school. The camp encourages participants to explore oceanography by combining field trips and research cruises with other fun activities. The program revolves around a commitment to motivate young women toward careers in the sciences.

Contact person: Teresa Greely, x3921
Web site: http://www.marine.usf.edu

Project Oceanography:

Project Tampa Bay: A component of the 21st Century Community Centers Program at John Hopkins Middle School, Pinellas County Schools, this program is designed to encourage minority middle school students to pursue studies and careers in the fields of science and math.

Contact Person: Dr. Al Hine, x1161

Tampa Bay Beachbuddies Shoreline Cleanup Program: An award-winning program designed to teach students in Pinellas, Manatee, and Hillsborough counties in grades 4-12 about the harmful effects of marine debris and encourage teacher and student participation in shoreline cleanup activities. Teachers can download lesson plans for classroom use from the web site (http://www.marine.usf.edu/beachbuddies).

Contact person: Hope Botterbusch, x3934

Project Oceanography

By Tracy Christner

Project Oceanography is a live, interactive distance learning science program broadcast weekly from our own Poynter Library studio to over 250 sites in 27 states nationwide and to Brazil. The show is funded in collaboration with the National Ocean Partnership Program, U.S. Geological Survey, and Pinellas County Schools. Partners include the Florida Institute of Oceanography, Center for Ocean Technology, and the Florida Marine Research Institute. The shows are designed and taught by scientists in an effort to enhance and develop marine science curriculum in middle school classrooms.

Drs. Peter Betzer, Paula Coble, and Margaret Hewitt work closely with Dr. Sarah Tebbens, Teresa Greely, and the shows’ Advisory Board to make sure that Project Oceanography continues to be an exemplary series. In addition, staff members David Brodosi, Tracy Christner, Carl Duffy, Chad Edmisten, Lori Huthmacher, Lori Pillsbury, and Juli Rasure assist the presenting scientists with writing teacher guide packets, demonstrations, rehearsals, props, graphics, creative support, web page design, and the use of studio technology.

The Fall 1999 series will begin with the staff’s first attempt at pre-producing an entire show. The show, entitled “Marine Debris – A Lesson in Conservation,” will air on September 10th and is being hosted by three area youth actors: Veronica Carroll, Justin Hires (from this year’s Shakespeare in the Park production), and Reggie Robinson. The show will focus on where marine debris comes from and what we can do to clean it up. The program is quite timely with the Coastal Cleanup on September 18th rapidly approaching. Local agencies such as the Center for Marine Conservation, Tampa BayWatch, Florida Marine Research Institute, and Keep Hillsborough Beautiful have helped with this show. Molly McLaughlin of Dr. Joan Rose’s lab was our water pollution expert for this episode.

Next, Teresa Greely will do an encore performance of her highly rated Fish Ecology Series, introducing students to different adaptations and environments. Juli Rasure will be sending 30 lucky schools their own assortment of preserved fish to use during this six part series.

Three shows on Antarctic Oceanography will follow, presented by Cindy Pilskaln and our very own Howard Rutherford. A series on Coastal Reptiles will conclude the Fall Series. George Heinrich of Boyd Hill Nature Preserve will present “The Diamondback Terrapin,” Allen Foley of the Florida Marine Research Institute will present “Sea Turtles,” and Kevin Jansen of Eckerd College will wrap things up on December 10th with “The Mangrove Water Snake.” We are extremely excited about this year’s programs. Watch for information about our upcoming spring series!

Something new this year is the addition of student hosts to introduce the presenters and facilitate the question and answer segments. Our surveys indicate that students viewing the show like to see other students involved.

Along with our three youth actors from the Marine Debris show, Amanda and Margaux Allen will be the student hosts for Teresa’s programs.

Project Oceanography will be broadcast live every Friday at 11:30 am in Pinellas County on Channel 14 beginning September 10th. The shows will be re-broadcast every Friday through Tuesday evening at 8:30 pm.

Executive Producer Paula Coble would like to thank the staff and crew mentioned for a great 1998-99 series. A special thanks also goes out to all of the Fall presenters.

Contact Persons: Dr. Paula Coble, x1631/Tracy Christner, x3931
Web site: http://www.marine.usf.edu/projectocean

The Squid’s Ink “Staff”:
Editor: Lizz Singh (lizz@marine)
Assoc. Editor: Jyotika Virmani (jyotika@marine)
Contributors to This Issue: Hope Botterbusch, Tracy Christner, Mark Hafen, Bob Helber, Kristen Kusek, Pam Hallock Muller, Sarah Tebbens, Ted VanVleet
Put in OCT. issue:

Mark Hafen: "The Razor's Edge" by W. Somerset Maugham, "The Drifters" by James Michener, and the "Lord of the Rings" trilogy by J.R.R. Tolkien. "The Razor's Edge" contained the most sane, profound, and compelling discussion of spiritual philosophy I've ever encountered. It changed my entire approach to life. I've read "The Razor's Edge" half a dozen times since I first read it in high school, and I've gotten something new from it each time (skip the movie, though). "The Drifters" captured the essence of the 1960's, in a way that helped me understand why I relate to the ideals of that era. Third on the list, by virtue of simply being truly riveting stories, would be Tolkien's "Rings" trilogy. I actually called in sick to work several times so I wouldn't have to stop reading!

Lizz Singh: “A Tree Grows In Brooklyn” by Betty Smith, “Among Whales” by Roger Payne, and “Ishmael” by Daniel Quinn. “A Tree Grows In Brooklyn” is about a young girl who loves to read coming of age in the early 1900s. This really gave me some insight into what life was like for my grandmother, and to a certain extent, for my mother as well. “Among Whales” further cemented the fact that I am in fact in the right field of study. “Ishmael” is a truly thought-provoking and entertaining book that always makes you want to turn the page for more.

Carol Steele: There are two books that have been very influential in how I look at the world. The first is In a Different Voice, by Carol Gilligan and the second is Composing a Life by Mary Catherine Bateson. The first book is important in that it shows that women and men in this country are different in part because they are socialized to be different. Men are taught to view themselves and others in a hierarchical fashion, immediately knowing if they are "above" or "below" that individual. Women, on the other hand, are socialized to relate to others, so that they see relationship in all of their interactions. This relates to studies done on scientists that say that men may publish more, getting their stuff out before others can scoop them. Women may publish less frequently than men, but tend to be longer and more thought out in what they have to say. The second book involves in-depth interviews with five women, who learned at some point that life is not linear, but more cyclical. The same issues tend to crop up over time, and each time we face them and work on them, we solve some part of the issue important to us at that time. Both food for thought as we make our way through life's journey!
Q: I would like to change some of 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