



Opening Remarks

Oops. We made two boo-boos last issue, and directed both of them towards Hepsi. First, for the record, her last name is spelled Z-S-O-L-D-O-S. Disregard all other spellings (or she'll smack you). Second, Hepsi Zsoldos is not in charge of the TOS reception, **Beth Holmes** is. So, see Beth and give her a hand before she sees you (volunteering is much nicer than being volunteered). By the time you read this, Dr. Byrne and Tonya Clayton will not doubt be sea sick in the North Pacific, standing over spectrophotometers and pulling their hair out trying to figure out MS-DOS (why aren't Mac's used as front-ends for advanced instrumentation?). Will someone please pick up TC's mail for her! Also, out at sea, or under it, are Jose Torres and his crew. On the subject of **cruising**, the RT would love to publish brief cruise reports, anecdotes, sea stories/shanties, and the like. We would also like to advertise available berths on upcoming cruises, if you are looking for more AB's (that's Able-Bodied seapersons). All submissions are gladly accepted (by our submissive editor EW) and may be placed in the RT box in the mail room (MSL 136)

MSAC News

SPRING PARTY '91 is set for April 20, 3:00 pm til midnight at the USF Pool. Live music provided by the Briar Hill Band. Barbecue dinner. Tickets go on sale March 25 (\$4 students, \$6 non-students, \$2 children under 12).

Next **Blood Drive** is March 28.

Hey, don't miss the gossip, don't be out of the loop. Drop in at **Thank G-d It's Friday (TGIF)**, friday afternoons, 4:30-7:30 in the Student Lounge.

Thanks for your responses to the **restaurant survey**. More forms are in (at the bottom of) the RT box in the Mail Room. Now, is there anyone out there who would like to help put these in some sort of order?

A blue mustang was spotted in the parking lot and a dark figure was seen entering the den of the fish people. Could it be that our fearless leader has returned? Be on the look out.

Student Government News

SG Elections will be held during March 11-14.

SG Budget Committee Hearings begin on March 12.

USF has an entry in the **Festival of States Bed Race**; we need speedsters for the team. Last year we finished second to the Firefighters. See Student Activities for more details.

What is **FPIRG**? The Florida Public Interest Research Group is a statewide environmental and consumer advocacy group, whose interests have included protecting the Florida coast from offshore oil drilling, clean air and water legislation, automobile lemon laws, and currently, the passage of a bottle bill law. This group receives the majority of its funding from university students in the form of an optional fee attached to tuition bills. This program was initiated by students on the various State University System campuses and it requires reaffirmation every five years by the gathering of signature of over 50% of the student body on each campus. Additional, FPIRG is requesting a fee raise from the present \$2.50 to \$3.00 per semester. FPIRG representatives will be on campus canvassing for your signature. More information is available in the Tampa campus office (974-4016, or 70-4016 from a Bayboro campus phone).

Seminar

Graduate Student Symposium This year's gala is set for **5 April**. Abstracts are due by **15 March**. For information, see Dr. John Compton.

8 March (TODAY), 4:30p, MSL Conf. Room -- TGIAF
Sunny Jiang (DMS, USF), "Student Life in China."

13 March, Noon, MSL Conference Room
George Mellor (Princeton Univ), "A Gulf Stream Model and Data Assimilation."

14 March, Noon, MSL Conference Room
Norm Pace (Indiana Univ), "Of Ribosomes and Volcanoes: Molecular Microbial Ecology in Submarine Hydrothermal Vents."

15 March, TGIAF, 4:30p, MSL Conf. Room
Beth Vesley, reporting on the findings of their CaribeVent cruise.

Kudos

To Eva Marie Koch, for passing her comprehensive exams.

To Watson Gregg, for passing his Ph.D. defense.

Once again, Helen Talge's work has been cited; see the latest issue of Sea Frontiers (it's in the library).

Myrtle's "Oh Vey!"

[Sorry, Myrtle is on vacation this week, so ...]

Don't just stand there; say "OY VEY!"

Kisses, Myrtle

Fitness

Soccer (Tues, Thurs, 5:30p) on the grass strip ("Magnetic Field") at the 7th Ave entrance to the campus.

Bowling (Tropicana Lanes, 1101 62 Ave So.) No reports from last fortnight's games, but the sport seems be undergoing a revival.

Aerobics (MWF, noon, CAC). There is a fee of \$10 per 12 sessions.

Fit & Flexible (MWF, 12:05-12:50 pm, CAC) Tone up to the sounds of 'ight rock, doing floor exercises and stretching. All skill levels are welcome; that means you, too, beginners! With our own Marva Gurley.

Physical Quote of the Month

Perhaps it's time for the physics community to try the opposite extreme: Invite the poet and philosopher to sit down at the best table in the house and sample the rich fare of contemporary physics.... The classical basis for these concepts might be introduced qualitatively by imaginative use of interactive computer graphics. The poet could, for example, play with the Navier-Stokes equations and observe the beautiful patterns that emerge as boundary conditions and other parameters are changed. And if he can't derive the equations, so what?

Of course there is always the danger that if the course was too successful, the starry-eyed physics major might also wish to enroll, thereby earning an easy credit.

-- K. Perry, *Physics Today*, Feb., 1991, commenting on L. Lederman's "Physics for Poets" (*Physics Today*, July, 1990).

Cruise Report

Kent Fanning, Kevin Riskowitz, Beth Vesley and Rich Young spent January on the RV Iselin (U Miami) in the Caribbean counting nutrient ions. The objective of the project, familiarly known as CaribeVent, is to describe the pattern of ventilation of the deep basin waters. Most of this cruise was spent in the inflow region near the Virgin Islands Basin. The study combines physical (current meter and acoustic doppler current profiler) and chemical (silica, nitrate, phosphate and radiocarbon measurements) means to characterize water exchange through the narrow passages on different time scales. Silica is a good tracer for the inflow because the Atlantic water has about one half the silica concentration of deep Caribbean water. The cruise will return in second edition next January to look at conditions further "downstream".

The hope is that this study of mid depth dense water inflow into a deep ocean basin will have results that can be applied to the high latitude regions in which the cold deep waters of the world originate through similar highly localized processes. Preliminary findings are that blue water oceanography within sight of land in the Caribbean is more comfortable than high latitude work in some respects. Also considerable expertise in Tetris playing was developed, which we hope will be of use in future communication with Russian colleagues.

Beth Vesley will give an informal presentation of some of the CaribeVent I results at the TGIAF on 15 March.

The MSAC Residence Times

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"Best Scholastic Aperiodical"

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Submissions accepted; place them in the RT box in the mail room (MSL 136).