

TUPPER CENTER SEMINARS

No noon seminar scheduled for Tuesday, September 2. If you wish to give a seminar, please contact Neal Smith at the Tupper Center, ext. 2300.

SPECIAL SEMINARS

La Evolución de la Ciencia y la Tecnología: la Naturaleza Inacabada

Abstract

- Clonación: El dilema ético y el futuro.
- La mente humana y la máquina: Hacia dónde se dirigen?
- La rapidez del cambio tecnológico: Podrá el hombre adaptarse?
- El papel de la ciencia y la tecnología en la organización futura de la sociedad.

Oradores: Dr. Francisco Ayala, University of California, Irvine; Dr. Julio Escobar, Massachusetts Institute of Technology; Dr. Camilo José Cela Conde, Universidad de las Islas Baleares.

Lugar: Centro Tupper

Fecha: Lunes, septiembre 1 - 2

Horario: 5:30 - 9:00 PM

Donación: \$75.00

Reservaciones: Tel.: 263-6444 / Fax: 269-9789

Un programa internacional del Instituto Latinoamericano de Estudios Avanzados.

Genética de Organismos Marinos

Abstract

- Biodiversidad marina. Su importancia.
- Variación genética en poblaciones de organismos marinos.
- Adaptabilidad.
- Heterosis. Correlación de parámetros metabólicos y heterocigocidad. Contaminación y heterocigocidad.
- Especiación.
- La genética y los cultivos de organismos marinos. Causas que disminuyen la biodiversidad.
- Laboratorio e implementación del análisis de isoenzimas.

Orador: Dr. Julio Pérez, Coordinador General de Investigación del Instituto Oceanográfico de Venezuela, Universidad de Oriente, Cumaná.

Fecha: septiembre 4,5,6.

Costo: \$25.00

Reservaciones: Tel.: 236-1311 Ext. 239/211

E-mail: mmartin@canaa.usma.ac.pa

NAOS LUNCHEONS

Friday, August 29, Naos Laboratories Luncheon seminar speaker will be Bailey Kessing.

Pin-pointing DNA "uselessness" in time and odd ideas about molecular data analysis.

PEOPLE

Arrivals

- Dorset Trapnell, University of Georgia, Sep 97 - Sep 98, to work with Robin Foster on the demography of explosively dispersed plant species, at BCI.
- Robert Stallard, US Geological Survey Colorado, Sep 3 - 17, to attend the Universal Canal Congress and continue long term monitoring biochemical cycles in watersheds, at BCI.
- Robert Srygley, University of Washington, Sep 1 - Oct 31, to work on orientation of butterflies migrating across the Caribbean and Panama; mating behavior of owl butterflies; butterfly systematics, at Gamboa.
- Miles Silman, Louisiana State University, Sep 1 - Aug 98, to study the effects of light and litter on seedling dynamics across a rainfall gradient, at BCI and Gamboa.
- David Shoemaker, University of Rochester, New York, Sep 4 - Jul 31, to work on the dynamics of *Wolbachia* in fig wasp communities, at Naos and Gamboa.
- Charles Rowell, Basel University, Switzerland, Sep 2 - 30, to study systematic of *Panamian Caelifera* (grasshoppers), at Gamboa.
- Peter Marko, University of California, Sep 3 - Oct 18, to do phylogenetic analysis of faunal turnover in tropical American arcid bivalves, at Naos.
- James Hamrick, University of Georgia, Sep 5, to do research on comparative population genetics of two tropical tree species from BCI, Panama and Palo Verde, Costa Rica.
- Angela Lohse, Texas A&M, Sep 1 - Nov 1, to study the divergence in mitochondrial DNA among *Ancholine* cave species from the Bahamas and Yucatan Peninsula, Mexico; at Naos.

- Horacio Zeballos, Perú, Sep 1 - Jan 31, to monitor the natural resources of the Panama Canal Watershed in mainland.
- Tristan Mahydra, University of Utah, Sep 2 - 22, to work with Tom Kursar bioprospecting in Panamanian rainforests.
- Marlene Haas, Sep 4 - Dec 23, to work with Jennifer Davidson, studying the impact of frequency-dependent selection by pathogens and herbivores on the genetic structure of tropical tree populations.
- Debbie Burney's arrival at STRI has been postponed for November.

Departures

- Harilaos Lessios, Sep 3 - 12, to Belize, to visit the SI Marine Station at Canie Bow Key.

THINGS YOU SHOULD KNOW

w Telephone Directory

Nuevo Directorio Telefónico

The new STRI telephone directory is scheduled to be completed by the beginning of next fiscal year. For those who haven't sent their home phone number and address, please do so by September 15 to Maria Luz Calderon, Tupper Center, E-mail: CALDEROM. We will appreciate your attention to this matter as soon as possible ••• *El nuevo directorio telefónico de STRI deberá completarse para principios del próximo año fiscal. Aquellos que no hayan enviado su número de teléfono residencial y su dirección, favor hacerlo antes del 15 de septiembre a María Luz Calderón, Centro Tupper, E-mail: CALDEROM. Se agradecerá su cooperación.*

ANNOUNCEMENTS

Monday, September 1 is a STRI holiday. The Jacana will run on its regular schedule. Tupper Center Library will be closed on Sat, Aug 30.

Harnessing the Forces of Nature, an exhibition by the Panama Canal Commission, will be at the Punta Culebra Marine Exhibit Center until Aug 31. Last chance!

„Aprovechando las Fuerzas de la Naturaleza, una exhibición de la Comisión del Canal de Panamá, estará presentándose hasta agosto 31, en el Centro de Exhibiciones Marinas de Punta Culebra. Última oportunidad!

Our Reefs: Caribbean Connections, a bilingual exhibition designed by STRI, has initiated its tour throughout the Caribbean, in Honduras. Presentations will be held at three cities there: San Pedro Sula, Aug 8-31; Tegucigalpa, Sep 8-Oct 5; La Ceiba, Oct 13-26.

Nuestros Arrecifes: Unidos por el Caribe, una exhibición bilingüe diseñada por STRI, ha iniciado su recorrido por el Caribe en Honduras. Allí, se estará presentando en tres ciudades: San Pedro Sula, agosto 8-31; Tegucigalpa, sep 8-Oct 5; La Ceiba, oct 13-26.

SEPTEMBER BIRTHDAYS

Audrey Smith	1	Suzanne Lao	11
Eldredge Bermingham	2	Leoncio Rodríguez	12
Lucy Dorick	2	Luis Turner	14
Alejandro Caballero	4	William Eberhard	15
Ricardo Beteta	5	Paul Colinvaux	22
Rubén Lopez	7	José Herrera	27
Virgilio Sánchez	9	Lastenio Guzman	28
Carlos Tejada	9	A. S. Rand	29
Nicolás Sugasti	10	Mirna Fernandez	30

WEDDING BELLS

Carla Penz and Phil DeVries were married last July. They are both STRI alumni and are now at the University of Oregon.

NEW STRI PUBLICATIONS

Davies, Neil, Aiello, Annette, Mallet, James, Pomiankowski, Andrew and Silberglied, Robert E. 1997. "Speciation in Two Neotropical Butterflies: Extending Haldane's Rule." *Proceedings of the Royal Society of London B* 264: 845-851.

MISCELLANEOUS

For sale

General Electric Heavy Duty gas cloth dryer. As new, almond color. \$295.00 Tel.: 269-2129

Secadora de gas General Electric Heavy Duty, color almendra, como nueva. \$295.00 Tel.: 269-2129

U.S. Robotics Fax Modem External 28.8 \$120.00 OBO. Tel.: 223-5496.