

The Newsletter of the

Stanford Professional Women of Los Angeles

A Forum for All Women

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Scientific Results from the Mars Exploration Rover Mission

SPWLA is pleased to welcome **Dr. Joy Crisp** on Wednesday, March 23rd from 6-9pm at Café Santorini (70 West Union St., Pasadena 91103) in Old Town. Dr. Crisp is NASA's Project Scientist for the Mars Exploration Rover (MER) mission, which placed the two rovers, *Spirit* and *Opportunity*, on the surface of Mars in January 2004. The primary scientific objective of the mission was to search for evidence of liquid water and to determine whether environments favorable for life on Mars ever existed. The twin rovers have been investigating two different landing sites, resulting in numerous exciting discoveries and providing tantalizing clues about past geologic activity on Mars. Dr. Crisp will provide the very latest information this mission has discovered about the geologic history and the potential for life on Mars.



Dr. Crisp grew up in Colorado Springs, Colorado. She received a BA in Geology from Carleton College in Minnesota, and an MS and PhD in Geology from Princeton University. Her scientific expertise is in the mineralogy and formation of volcanic rocks on Earth and Mars. Before turning her eye towards the volcanoes on Mars, she examined the

scorched slopes of Mount Etna in Italy, visited Mount St. Helens, and carried out scientific research on the lava flows of Mauna Loa in Hawaii, Earth's largest volcano. "We are especially interested in the conditions when liquid water was active on the surface of Mars," she explains. "Were there cold water seas or warm hydrothermal fluids like those at Yellowstone National Park involved? Was water only around for brief flooding episodes? The surface of Mars has lots of volcanic rocks which may have interacted with water, which ties into my interest in volcanoes."

Dr. Crisp has been a scientist at the Jet Propulsion Laboratory since 1987. For the Mars Pathfinder mission, she was the Assistant Rover Scientist and Alpha Proton X-ray Spectrometer Investigation Scientist. In her current job as the Mars Exploration Rover Project Scientist, she is responsible for maintaining the scientific integrity of the mission, keeping project team members informed about the science plans and issues, and acting as a science spokesperson for the Project. In 2004, Dr. Crisp received the NASA Exceptional Service Medal for

Dr. Joy Crisp
Wednesday March 23, 2005
6—9 pm
Café Santorini in Pasadena

(Continued on page 4)

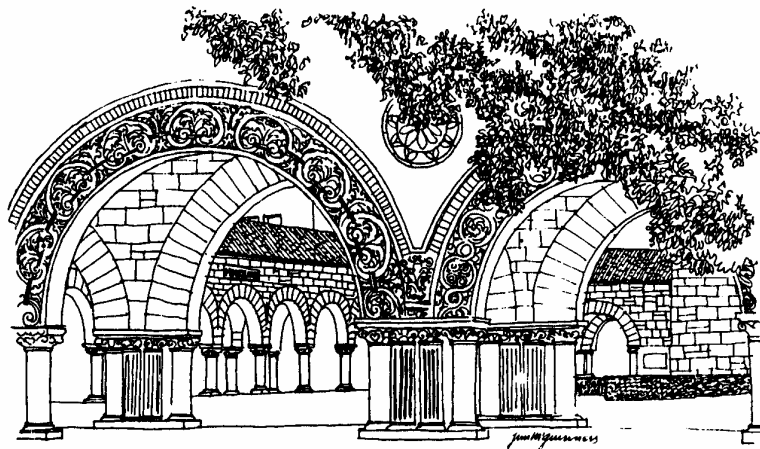
**Los Angeles Women's Appointment
Collaboration Presents a
Networking Reception**

Los Angeles Women's Appointment Collaboration (LAWAC) cordially invites you to a networking reception featuring a keynote talk by author and life-coach Toni Bernay, Ph.D.:

**Tuesday, March 1, 2005
6:30-8:00 p.m.
Tom Bradley Room
Los Angeles City Hall
200 North Spring Street, 26th Floor
(Parking is free in Lot 4.
Enter on Los Angeles Street.)
Fee for SPWLA members: \$5.00**

This promises to be an evening of thought-provoking fun when Dr. Bernay discusses her dynamic book entitled *Women in Power: The Secrets of Leadership*.

SPWLA is a founding member of LAWAC. Please make your reservation directly by e-mailing Yolanda Allen at yallen@council.lacity.org, or call Yolanda at 213.485.1412.



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EVENT DATES ARE SUBJECT TO CHANGE

RESERVATION FORM: "Dr. Joy Crisp at Café Santorini" — Wednesday, March 23, 2005 6—9 pm

Name/Class Year: _____

e-mail address: _____

Phone (Home) _____

(Work) _____

SPW Member ? Yes No

First Event? Yes No

Members _____ X \$40.00 = \$ _____
name

Guests of Members _____ X \$40.00 = \$ _____
name

Non-Members/Guests _____ X \$45.00 = \$ _____
name

Donation to Student Fellowship Fund _____ X \$5—\$10 = \$ _____

TOTAL = \$ _____

I would prefer:

Roasted Chicken Shrimp Ravioli
 Grilled Vegetables with Risotto

Because of planning needs, registration is non-refundable.

As a courtesy, please do not contact the venue regarding registration.

Registration must be received no later than Wednesday, March 16, 2005

Make your check payable to SPWLA and return it with this form to:

Patti Louie, P.O. Box 6900, Beverly Hills, CA 90212-6900 (310) 273-7237, patti@powerofstory.com

MAKE A DONATION TO OUR

STUDENT FELLOWSHIP FUND—TAKE THE 5-10 DOLLAR CHALLENGE!

SAVE THE DATE! SAVE THE DATE! SAVE THE DATE! SAVE THE DATE!

SAVE THE DATE! SAVE THE DATE! SAVE THE DATE! SAVE THE DATE!

SAVE THE DATE! SAVE THE DATE! SAVE THE DATE! SAVE THE DATE!

UPCOMING SPWLA EVENTS

Thurs., April 14

The Spring Regionals are back by popular demand. Join us for dinner at an SPWLA member's home in your neighborhood—a great way to meet new people and stay in touch with old friends.

Sun., May 1

A Murder Mystery Dinner at San Gennaro in Culver City. This will be a one-of-a-kind evening created especially for SPWLA members and their guests. To commemorate this unique event we are creating a special invitation which will be mailed later this month. Please watch for it.

Tues., May 17

Katherine Lewis, a Feng Shui Master, will discuss the philosophy of Feng Shui and how its principles can help us accomplish our personal and professional goals.



(Continued from page 1) Dr. Joy Crisp

outstanding contributions in the development of the MER science mission and science plan, the environmental characterization of the landing sites, and for the maximization of mission science return. We hope you will join us for this outstanding "Opportunity" to experience the "Spirit" of space exploration.

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