

Women in Science & Medicine:
Can You Achieve Work/Life Satisfaction?

Wednesday, September 22nd, 2010

11:45am to 1:15pm

Security Pacific Room, Athenaeum

Panelist Bios

Stephanie Cropper, M.D.

Dr. Cropper is an Obstetrician/Gynecologist and has been in practice since 2002. She currently is a partner with Femcare Medical Associates in Pomona, CA. Stephanie grew up in Orange County, CA and received her B.S. from the University of California, Irvine in 1994. She went on to earn her M.D. from the Ohio State University College of Medicine in 1998 and completed residencies in Obstetrics and Gynecology at the University of Texas Medical Branch in 2000 and at the University of Colorado Health Sciences Center in 2002.



In addition to her formal medical education she is trained in medical ultrasound and DaVinci robotic surgery. She is also a Fellow of the American College of Obstetrics and Gynecology (FACOG) and a member of the American Medical Association (AMA).

In her free time, Stephanie is an avid runner and marathon competitor who also enjoys travel, scuba, cycling and dance. She currently lives in Laguna Hills with her husband, one-year old daughter and two dogs.

Jean Doble, M.B.S.

Jean Doble is a Director of Research Operations at Amgen, Inc. in Thousand Oaks, CA. She leads the operations team that supports Chemistry Research and Discovery and Protein Sciences. Her team is responsible for lab and business operations and project management. In addition, her team leads and facilitates key initiatives and business process improvements. Jean has been in the biotechnology industry for



over ten years with experience from discovery to market. She has also worked in the financial world and taught high school biology. Jean received her BA in Molecular Biology from Princeton University. She was a member of the varsity swim team and captain her senior season. She went on to earn her Masters of BioScience from the Keck Graduate Institute of Applied Sciences.

Most importantly Jean is the mother of two kids and enjoys laughing and having fun with them whether it is playing at the park or teaching them how to swim. In her spare time, she enjoys training for and competing in triathlons.

Nina Karnovsky, Ph.D.



Nina Karnovsky is an ecologist who studies the impact of climate change on marine animals. She spends her summers conducting research on the Arctic Norwegian island of Spitsbergen and has recently started a project studying seabirds and oceanographic conditions around the Channel Islands here in CA. She received a B.A. from Wesleyan University in Middletown, CT. and a M.Sc. from Montana State University in Bozeman, MT.

After finishing her PhD at UC Irvine, she began teaching at the Claremont Colleges, first in Joint Sciences and then at Pomona College where she is now an Associate Professor. She lives in Claremont with her husband and six year old son as well as her dog, canary, tortoise and her award winning guinea pigs.

Angelika Niemz, Ph.D.



Dr. Niemz, a native of Germany, received her undergraduate degree in chemistry in 1992 at the University of Konstanz (Germany), and her PhD in chemistry in 1999 at the University of Massachusetts (Amherst). After working as a Postdoctoral Fellow in Chemical Engineering at the California Institute of Technology, she joined Keck Graduate Institute (KGI) in 2002, first as Assistant and since 2008 as Associate Professor. Since 2009 she serves as Director of Research, and in the same year she was named the Arnold and Mable Beckman Professor.

At KGI, Dr. Niemz teaches courses on medical diagnostics, high throughput technologies, and instrumentation development. Her current research focuses on development of assays and devices for isothermal nucleic acid amplification and associated sample preparation and detection methods for infectious disease diagnosis

at the point of care and in low resource settings. Dr. Niemz has obtained independent research funding from the National Science Foundation, the National Institutes of Health, and the Department of Defense as Principle Investigator on six awards, and co-Principle Investigator on three awards. She is a member of the American Chemical Society, the American Association for Clinical Chemistry, and the Association for Laboratory Automation.

Beyond her research and other scholarly activities, she has obtained funding for and organized a summer undergraduate research program at Keck Graduate Institute for the past 8 years, enabling more than one hundred undergraduate students from colleges and universities nationwide to conduct independent research at Keck Graduate Institute during the summer months. Promoting the career development of women in science and engineering is an important goal of this program, which is sponsored by the engineering directorate of the National Science Foundation. Dr. Niemz further has coordinated and organized K12 outreach activities, including internship opportunities for high school teachers and students. Dr. Niemz has personal experience with balancing career and family, as a mother / stepmother of four children.