



Howell Highlights

A Quarterly Publication by the Doris A. Howell Foundation for Women's Health Research

2010 Howell-CSUPERB Scholars

On January 9, 2010, Dr. M. Butler, Howell Foundation Grants Committee Chairperson and Board member, at the 22nd Annual California State University Biotechnology Symposium, announced the Howell-CSUPERB scholarship awards for 2010. The Howell Foundation for Women's Health Research and CSUPERB have been partners in funding the promising undergraduate students whose professors recognize their academic prowess and research potential, who recommend them, and who commit themselves to rigorously mentor both the student and the research for its duration.

For Y2010, 11 scholarships at \$3,000 each were awarded representing nine different CSU locations totaling \$33,000. In keeping with the mission of the Doris A. Howell Foundation For Women's Health Research, each funded research project addresses some aspect of an important medical condition affecting women's health including breast and ovarian cancer. The research ranges from genetic cellular or molecular studies, studies of a vaccine for a clinical condition that seriously affects women, as well as studies of mechanisms of diseases that may ultimately result in preventive or therapeutic measures of a condition affecting women's health.

The Howell-CSUPERB Scholars for 2010 are:

1. **Ashley Bonneau** (CSU Channel Islands, Cellular/Molecular Biology). Proposal title: "Silencing of the Rheb Gene in Ovarian Cancer Cells Using RNA Interference." Mentor: Nitika Parmar
2. **Cynthia Contreras** (CSU Fresno, Cellular/Molecular Biology). Proposal title: "The Mechanism of Bisphosphonate-induced Downregulation of CYR61 in Breast Cancer". Mentor: Jason Bush
3. **Jonathan Eichelsdoerfe** (CSU Fullerton, Biology). Proposal title: Trace Metal Dyshomeostasis in Human Lysosomal Storage Disease. Mentor: Math Cuajungco
4. **James Lee** (CSU Los Angeles, Biology). Proposal Title: "Functional Analysis of the Casein kinase pathway in *Candida albicans* vulvovaginitis". Mentor: Hyunsook Park
5. **Carling McMichael** (CSU Long Beach, Biology). Proposal title: "Increases in MMP-1, MMP-3 and ADAM-17 proteases during ovarian recrudescence in Siberian hamsters". Mentor: Kelly Young
6. **Alex Pankov** (SFSU San Fran, Stat & Appl Math). Proposal title " Different Genomic signatures associated to Estrogen receptor (ER) status in breast cancer patients". Mentor: Javier Arsuaga
7. **Chris Petro** (CSU Polytech Pomona, Biotech). Proposal title: "Liposomal vaccine technologies for protecting poultry against H5-9 influenza virus". Mentor: Jill Adler-Moore
8. **Tim Slugocki** (SDSU, Chemistry). Proposal title: "The Synthesis of Sansalvamide A Derivatives and Cytotoxicity in Breast Cancer Cells". Mentor: Shelli McAlpine
9. **Vincent Trapani** (CSU Sacramento, Chem & Biology). Project title: Beta-Lactosyl Amine Glycodendrimer Synthesis by Means of an Amide Linkage". Mentor: Katherine McReynolds
10. **Heather Upton** (C S U Mol & Cell Dev Fresno). Project title: "Characterization of Bacillithiol Disulfide Reductase". Mentor: Mamta Rawat
11. **Yunxia Wei** (CSU Polytech Pomona, Biotech). Project title: "Determination of binding interactions between retrocyclin and gp41". Mentor: Shantanu Sharma

Inside this Issue

- > Upcoming Lectures
- > Nursing Scholarship
- > Mother's Day Donations
- > New Howell Circle Members
- > Conversation with Dr. Howell
- > Full Scholarship Donor Honor Roll

OUR MISSION

The mission of the Doris A. Howell Foundation for Women's Health Research is to fund undergraduate scientists in their relevant research and to educate women to be catalysts for better family health.

To make a donation, please call (858) 454-7797.

CONTACT US

7514 Girard Ave.

1 PMB 320

La Jolla, CA 92037

Phone: 858-454-7797

Fax: 858-454-7797

E-mail: admin@howellfoundation.org

Website: www.howellfoundation.org

**April 29, 2010 Luncheon
La Jolla Country Club**

Thank you to Berit Durler for serving as Honorary Luncheon Hostess and helping to make the event a success!



Pattie Wellborn, Dr. Doris Howell, and Berit Durler.



Howell Board Members: Kay Pierce, Gladys Kohn and Jean Lunsford.



BR: Marie Newton, Jan Pierce, Rita Godshalk. FR: Vici Willis, Barbara Ohlson

Upcoming lectures: Stem Cells (8/5) and Autism (10/29)

Part of the Howell Foundation's mission is to educate women to be catalysts for better family health. In working towards that mission, we are excited to bring you the last two lecture luncheons for 2010. On August 5th, Dr. Evan Snyder of the Sanford-Burnham Institute will be updating us on the intriguing mix of controversy, discovery, and hope surrounding stem cell research during his lecture "Stem Cell Biology -- A Key to Regenerative Medicine". On October 29th, our last luncheon of 2010, we are coordinating a panel of experts to present "Autism—Putting the Puzzle Pieces Together" and how Autism affects individuals and families. Our luncheons sell out early so watch for your invitations in the mail and reserve your seat early!

Cheryl A. Wilson Nursing Scholarship of the Howell Foundation

Recently, The Howell Foundation Board of Directors discussed the idea to honor those who have made significant contributions to the Howell Foundation by naming scholarships in their honor. The opportunity to do so seemed fitting when the Board of Directors approved our first nursing scholarship to a USD student working on her dissertation pertaining to women's health research. We are pleased to announce we currently have \$2,000 in matching funds available for this nursing scholarship – but we need your financial assistance. The Cheryl A. Wilson Nursing Scholarship of the Doris A. Howell Foundation, named after long-time board member and supporter Cheryl A. Wilson, R.N., is for \$3,000 and will be awarded at our upcoming August 5th luncheon. A scholarship gift in any amount is greatly appreciated—if you would like to make a donation to this scholarship fund, please note "nursing scholarship" on your envelope.

Mother's Day Donations

When you honor a mother, you are honoring the multiple roles in her life. Every mother has been a daughter with her own aspirations and dreams. Daughters become mothers who have aspirations and dreams for their children. And the dreams are based on youthful aspirations, the energy to challenge the unknown, and the wish to make a difference in the world. Longer lasting than flowers or candy, donations in honor or in memory of loved ones bring joy to so many: the honoree, the donor, the scholarship awardee. The following mothers were honored this past Mother's Day with contributions to the Howell Foundation Scholarship Program:

- Carole Banka, in honor of Erica Banka
- Marla Black, in honor of Betty Brayshay and Sharon McDonnell
- Cher Conner, in honor of Vi McKinney
- Jean Lunsford, in honor of Lisa Lunsford and in memory of Janet Stanley
- Virginia Patch, in honor of Virginia Sneve
- Pattie Wellborn, in honor of Christine Wellborn-Hoseley

♥ Thank you to contributing editors Beatrice K. Rose, M.D. and Ruth S. Jacobowitz.



A Conversation with Dr. Howell...



Doris A. Howell, M.D.

Several times now I have been informed by the Howell Grants Committee that their work is getting harder because the applications are getting better, making their decisions more difficult. Reviewing the data from the 2010 scholarship awards only serves to foster that thought because of the increasing diversity and sophistication of the students and their projects all within the context of a slow economic recovery (see front page).

Of the eleven successful applicants, six were male and five female; one was a sophomore, four were juniors, and six were seniors. Their applications came from 7 different California State University locations in California: two from California State Polytechnic in Pomona, one from San Diego State University, two from Fresno, the others from six different cities in California.

The Departments sponsoring the student research were as varied as the students. Three applicants came from the Cellular and Molecular Development in the Biology Dept., three from the Biology Dept, two from Biotechnology, and one each from Chemistry, Chemistry and Biology, and the Statistics and Applied Mathematics Dept.

Such diversity is a sign of the times as well as the future. Technology has made communication and information sharing relatively easy, rapid, and global. Even as our research students are meeting the challenges of this competitive world, I believe that the Howell Foundation supporters, Howell Circle members, the many Committees and the Board of Directors will work as diligently to meet these challenges.

Full Scholarship Donor Honor Roll

The Howell Foundation Research Scholarship Program is successful due in large part to the devoted members of the Full Scholarship Donor Honor Roll. We are so very pleased to add 3 new members to the 2010 Honor Roll. Their generosity and commitment to supporting brilliant undergraduates working on women's health research is inspirational.

- The Bollinger Family Scholarship**, by long-time donors Alex and Barbara Bollinger
- The Susan Rose Scholarship**, by Howell board member Bea Rose, M.D., M.P.H. in memory of her late daughter Susan Rose.
- The Soroptimist International of La Jolla Scholarship**, by the dedicated Soroptimists instrumental in the creation of The Howell Foundation.

In sponsoring a full Howell scholarship (\$3,000 for one year), they now have the unique opportunity to develop and enjoy a personal relationship with their Howell scholar and be assured that research in women's health issues is being actively studied. Our sincerest thanks to these full scholarship donors.



Howell Scholar James Lee, and members of Soroptimist International of La Jolla

The Doris A. Howell Foundation for Women's Health Research Board of Directors

OFFICERS

Doris A. Howell, M.D.
Honorary Chair

Pattie Wellborn
Board Chair

Linda G. Osborne, CPA
Chief Financial Officer

Gladys Kohn
Treasurer

Peggy R. Dechle
Secretary

DIRECTORS

Carole Banka, Ph.D.

Brad Benter

Betty Brays Shay

Madeline Butler, Ph.D.

Cher Conner

Judy Hodges

Kathleen A. Franklin

Ruth S. Jacobowitz

Skai Krisans, Ph.D.

Jean Lunsford

Jean Kauth McGrath

Priscilla Moxley

Colleen Peterson

Kay Christian Pierce

Beatrice K. Rose, M.D.

Cheryl A. Wilson

**The Doris A. Howell Foundation
for Women's Health Research Presents...**

Save the date for our two remaining programs in 2010 on cutting edge science:

Thursday, August 5, 2010

"Stem Cell Biology -- A Key to Regenerative Medicine"
Evan Snyder, M.D., The Sanford - Burnham Institute

Friday, October 29, 2010

"Autism - Putting the Puzzle Pieces Together"

Panel of speakers:

Joan Reese, Medical Liaison for the San Diego Regional Center;

Beth Calarco, Therapist;

Gigi Benter, Parent;

Robert M. Gray Ph.D., Director - Pediatric Neuropsychological Services
Advanced Neurobehavioral Health of Southern California

If you would like to make advance reservations please call (858) 454-7797 or email admin@howellfoundation.org.

Non-Profit Org.
U.S. POSTAGE
PAID
PERMIT NO. 3814
San Diego, CA

**Doris A. Howell
Foundation for
Women's Health
Research, Inc.**
7514 Girard Avenue
1 PMB 320
La Jolla, CA 92037

