THE SKIN CANCER INSTITUTE

Our mission is to prevent and cure skin cancer.

Melanoma Walk '18

It was a beautiful day for our Walk this year. Nearly 300 people came out to the UA main campus mall on November 3rd to participate in our 9th annual Melanoma Walk. It was fun to see old friends and meet new ones. We walked to celebrate our melanoma survivors and thrivers, while raising funds to support the SCI's continuing mission to prevent and cure ALL skin cancer.

Every year, the money raised at the Walk helps us continue our work in skin cancer research, outreach and skin cancer awareness, while giving people the opportunity to support someone they love that has been affected by melanoma. This year, we raised \$55,000 with 18 major cash sponsors, and almost 40 in-kind donations! We also screened 32 people for skin cancer in our free screening before the Walk. This work could not have been done without the help of our many students and community volunteers.

You can still visit the Walk website to learn more and donate today! Your gift helps the SCI continue research and provide programming for our community. Go to: www.fightmelanomatoday.org



AZ Bioscience Researcher of the year



The SCI is proud to announce Clara Curiel. MD, has been selected by the Arizona Bioindustry Association (AZBio) as the 2018 AZ Bioscience Researcher of the Year for her work on both the treatment and prevention of skin cancer. Dr. Curiel is a professor of medicine, vice chief of Dermatology at the UA College of Medicine, as well as the director of the UA Cancer Center's Cutaneous Oncology Program, and clinical director for the SCI.

Since joining us in 2005, Dr. Curiel has done amazing work in both the clinical setting treating patients, and in research, developing new skin cancer imaging technologies as well as topical treatments in skin cancer development. She is also working to identify biomarkers in the skin which may help asses skin cancer risk and potential treatments.

Dr. Curiel is a constant advocate for the SCI and for skin cancer prevention and detection. She has been helping us educate the community since the very beginning. We're so proud (and lucky!) to have her on our team. Congratulations Dr. Curiel!

"One of my driving passions is to bring the message of skin cancer prevention to every Arizonan, and to expand their access to early detection and state-of-the-art treatment" -Dr. Clara Curiel-

Holiday Giving

Think of the Skin Cancer Institute this year for your holiday donations! All funds help us move forward with our mission to prevent and cure skin cancer. Visit: azskincancerinstitute.org

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Seed Grant Winners 2018-2019



"Mechanistic evaluation of UV-induced stimulation of TLR4 in keratinocytes using genetic and pharmacological means."

Previous SCI-supported studies have shown that the drug "resatorvid", which targets the TLR4 protein, is able to block UV-induced skin cancer in mice. Dr. Dickinson intends to take this research a step further, by using skin cells lacking TLR4 to confirm that the effects of resatorvid treatment are specific to this protein.

Sally Dickenson, PhD



"Novel pharmacological inhibition of UV-induced TLR4 signaling using topical phytochemicals."

Dr. Wondrak **and** Dr. Dickinson are studying promising diet-derived phytochemicals as powerful anti-inflammatory agents in the prevention of sun-induced skin cancer, including cinnamon, ginger, broccoli, and licorice. Based on this research, they will test a topical formulation of the most efficient of the phytochemicals found in these foods for suppression of UVinduced inflammation in mice.

Georg Wondrak, PhD



Delaney Stratton, RN

"Development and acceptability assessment of a novel, short-burst educational intervention on early skin cancer detection for primary care nurse practitioners."

Delaney is studying educational interventions to improve nurses' ability to identify suspicious skin lesions through three short-burst (10-minute) videos that cover skin cancer risk assessment, clinical skin examination, and lesion detection. Short-burst learning spreads learning events out over a longer period of time, rather than all at once and delivers it in short bursts. It's quick and effective, and opens up windows of time for valuable learning experiences, such as reflection and experimentation.

Thank You!

To our newest SPF members

Patricia Coyne-Johnson Alfred Cumming Sally Dickinson

Robert Maggs

David Premeaux Lisa Warneke Jennifer Wilder

