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## **I. Current Research Support**

*1. Quantitative Assessment of Skin UV damage, **PI***

Funding Source: NIH – NIAMS- K-25

Duration: September 2005 - September 2010

Amount: \$120,000 – 3 month / year commitment

*2. NIR Wound Monitor, **PI***

Co-PIs: Michael Weingarten, Leonid Zubkov

Funding Source: Science Center (QED Program)-submitted August 2009

Amount: \$200,000 / 1 year – No salary requested

*3. QLISA for Inflammatory Bowel Disease, **PI***

Co-PIs: Sree Murthy, James Reynolds

Funding Source: Coulter Foundation

Duration: April 2008-March 2009

Amount: 100,000 – 0.4 month / year commitment

*4. Engineering Education In Context: An Evidence Based Intervention System, **co-PI***

PI: Donald McEachron, Co-PIs: Rami Seliktar, Fred Allen, Sheila Vaidya

Funding Source: NSF

Duration: September 2008 – August 2011

Amount: \$165,000 – 0.2 month / year commitment

*5. Dynamics of the HIV Virological Synapse, **PI***

Co-PI: Irwin Chaiken

Funding Source: NSF-CBET, submitted September 2008

Duration: 3 years

Amount: \$299,998

*6. CCLI – Smart Biomaterials for Tissue and Regenerative Engineering, **PI***

Co-PIs: Peter Lelkes, Anthony Lowman, Michelle Marcolongo, David Wooton

Funding Source: NSF, submitted May 2008

Duration: Jan 2009 – Dec 2011

Amount: \$150,000 for 2 years

## **II. Pending Research Support**

*1. Acousto-optic Theragnostics for Chronic Wound Management, **co-PI***

PI: Peter Lewin, Co-PI: M. Weingarten

Funding Source: NIH – NIA – R01 submitted February 2009

Amount: \$250,000 / year (5 years) – 2 months / year commitment

2. *Capillary-Based Quantum Dot Immunoassay to Detect Biomarkers, **PI***

*Co-PIs: Sree Murthy, Sundar Babu*

Funding Source: NIH-NIBIB- R01 submitted June 2009

Amount: \$250,000/year (5 years) – 2 months / year commitment

3. *Microfabricated QLISA Biosensor with Embedded Heating and Mixing Elements*

*Co-PIs: Moses Noh, Sree Murthy, Sundar Babu*

Funding Source: NSF-Biosensors – submitted September 2009

Amount: \$575,000 (3 years) – 0.5 month /year commitment