

Funding – Stuart Wilkinson, Ph.D.

Grants/Contracts Awarded

“Comparative Testing of Radiology, Manual Ultrasonic Testing and Advanced Ultrasonic Systems in Accordance with the AWS D1.5 Bridge Welding Code”

FDOT - **\$100,000** – PI, September 2009 to September 2010,
A/C # 2105-1050-00.

“Design of Manufacturing Facilities & Products for Specialty Non-woven Textiles”

FHTC/Misty LLC - **\$300,000** – Co-PI, (w/ Sunol, Rahman & Moreno), Sept. 2009 to Sept. 2010,
A/C # 2107-10??-00.

“Development of Temperature Modulated Products ”

FHTC/Temptroll - **\$62,500** – Co-PI, (w/ Sunol), December 2008 to December 2009,
A/C # 2107-1042-00.

“Design & Development of Self Cooling Products that Utilize Evaporative Technologies”

FHTC/Temptroll LLC - **\$65,000** – Co-PI, (w/ Sunol, Rahman), May 2007 to August 2009,
A/C # 2107-1029-00.

“Developing & Instrumenting a Test Vehicle Mockup”

Veterans Administration, Summer 2008 - **\$10,000** – PI, May 2008
A/C # 2105-1037-00.

“Intra-sleeve Pulverization of Oral Medication”

Donovan Industries - **\$40,000** – PI, Jan 2006 to Dec 2006,
A/C # 2105-1018-00.

“Engineering Oversight of Medical Research at the PSCI”

Veterans Administration - **\$20,000** – PI, Summer 2004
A/C # 2105-1005-00.

“Needle Laboratory Development”

VA OHSO - **\$21,484** – PI, Summer 2003.
A/C # 2105-103LO

“A Fully Autonomous and Self-sufficient Gastrobot for Long-term Environmental Monitoring Applications In Orange Groves – Phase II”

INTEL Corporation, iRC AIM - **\$20,000** – PI, Aug 2002 to July 2003 (Phase 2),
A/C # 2105-950RO.

“A Fully Autonomous and Self-sufficient Gastrobot for Long-term Environmental Monitoring Applications In Orange Groves – Phase I”

INTEL Corporation, iRC AIM - **\$90,000** – PI, Aug 2001 to July 2002 (Phase 1),
A/C # 2105-089LO .

Prototype Construction of a Pioneering Food Powered Robot”

ETRC - TECO - **\$ 5,563** - PI, June. 2000

“Technology Development for Patient Safety Research Center,”

James A. Haley Veterans' Hospital - **\$55,125** – CoPI (with Dubey & Besterfield), June 1, 1999 -
September 30, 1999
A/C # 2105-081-LO

“Development of an Automated Citrus Harvester”

Florida Department of Citrus - \$ **7,500** - PI, Feb. 1997

"Development of a Miniaturized Automated Remote pH Meter for Undersea Analysis - II"
Department of Defense - \$ **51,769** - PI, Aug. 1994

"Development of a Miniaturized Automated Remote pH Meter for Undersea Analysis - I"
National Oceanographic & Atmospheric Administration - \$ **33,126** - PI, Aug. 1993

"Phase II Development of Residential Thermal Storage Units"
National Aeronautics & Space Administration - \$ **40,662** - CoPI (with Crane), June 1990

"Design, Manufacture & Testing of an Advanced Residential Thermal Storage Unit"
Florida Power & Light - \$ **37,000** - CoPI (with Crane), October 1989

"Design Construction & Evaluation of an Advanced Germanium/Graphite/Molybdenum Solar Energy
Device for the Space Station"
National Aeronautics and Space Administration - \$ **60,000** - CoPI (with Crane), October 1989

"Design and Construction of an Experimental Vibrations Apparatus"
USF College of Engineering - \$ **10,500** - CoPI (with Flowers & El Shafei), March 1989

"Slip Detection for Active Robot Gripping Applications"
USF College of Engineering - Research Initiation Award - \$ **4,000** - PI, August 1987

"Design & Optimization of an In-Tank Fluid Monitoring System"
Colt Industries (Liquid Manager Operation) - \$ **14,600** - PI, May 1987
A/C #2105-042-LO

Equipment Grants Awarded

"Two Industrial A/C Units for HVAC Test House Facility"
Tampa Electric Company (TECO) - \$ **4,500** - PI, October 1990

"Diesel Engine / Dynamometer Test Cell"
John Deere Engine Corp. - \$ **2,000** - PI, September 1989

"Tensile Testing Machine"
Jim Walter Corp, St. Petersburg, Fl - \$ **25,000** - PI, March 1989