

Nursing Innovation Event

The Nursing Version of **SHARK Tank**

JUDGES

Kevin Bouley (*WW Auditorium*)
President and CEO Nerac, Inc. (Tolland, CT)

AnnMarie Coleman (*WW Auditorium*)
Executive Biopharmaceutical Representative, Amgen, Inc

SueEllen Goodrich (*WW Rm#1*)
Nursing Director, Magnet Hospital Administration, UConn Health

Anne Harrington (*WW Auditorium*)
Chief Operating Officer and Cofounder of Long Term Solutions

Cheryl Hoey (*WW Rm#1*)
Vice President of Clinical Nurse Services at CT Children's Medical Center

Kathy Rocha (*WW Auditorium*)
Managing Director of UConn's Entrepreneurship and Innovation Consortium;
Managing Director of GoldenSeeds

Deb Santy (*WW Rm#1*)
CEO and President of Innovation thru Partnerships

Richard Shok (*WW Rm#1*)
Owner and Director of Code One Training Solutions

PRESENTATIONS

#1 IV Alert - (*WW Rm#1*)
Morgan Feshler, Jaclyn Strickland, Shannon Jones, Katherine Kasuga, Abigail Koehler, Victoria Taylor, and Julie Kaetzer

A communication device that sends messages from the patients' IV infusion pumps directly to their nurse's personal unit phones. The message will inform the nurses of the alert that the IV pump is sending without making noises in the patient's room. In doing so, IV Alert is decreasing the alarm fatigue of nursing staff and improving overall patient satisfaction and care.

#2 Hydralyzer® (WW Auditorium)

Lauren Sauer, Cassandra Arpin, Hanna Buckle, Veronica Devine, Megan Lawlor, Haley Aubert, Dennis Aguilar, Daniel Angelicola, Stephen Gallo, Wesley Garcia, Ying Jiang, Logan Sloan, and Bozun Wang

This is a bracelet that will non-invasively detect the fluid balance in your body in real time and change colors to indicate the fluid volume in your body, from severe dehydration to severe overhydration.

#3 DocuWound (WW Rm#1)

Hayley Nati, Theresa McIntyre, Megan Cavanaugh, Allison Katilius, Jay Maltz, and Ola Mansour

DocuWound is a high-quality photographic technology and program that documents the conditions of at-risk patients as well as the healing process of wounds that can have a crucial benefit to patient's outcomes.

#4 CapSure (WW Auditorium)

Anne Michaud, Kaitlyn Angiletta, Alexandra Finstein, Aaron Csehak, Daniel Portnoy, Sarah Lerch, and Franz Garay

The goal of Cap-sure is to prevent infection in patients requiring central venous catheters. These catheters are only given to people requiring long term intravenous medications. These patients are already susceptible to infection due to preexisting condition(s). If a virus or bacteria enters through the hub of the triple lumen it has direct access to the heart.

#5 2Glove (WW Auditorium)

Hawlatou Bah, Abigail Blakeman, Leah Bures, Allison Dufour, Andrew Keens, Georgia Priestley, Annika Jakobs, Priya Naraine, Nicole Scola, Nora Syed, and Michael Vaghi

The 2Glove is the latest technological innovation produced with the aim of maintaining environmental friendliness, reducing the expenses associated with gloves in health care facilities by decreasing waste, and most importantly decreasing transmission rates of hospital-acquired infections.

#6 SimpDoc (WW Rm#1)

Kaydeen Maitland, Jacquelyn Ellis, Rachel Farrel, Amanda Sorsiri, Phebe Mathai, and Elayna Lindblom

A new healthcare app to be used on a tablet which introduces an efficient way to view, document, and transfer patient health information on a cardiology unit. This will be used to promote more efficient, patient-centered care by allowing for more convenient opportunities for documentation and will also provide more work space on the unit.

#7 U-See UV (WW Rm#1)

Elizabeth Twigg, Trishanna Bunsie, Chrismine Brun, Jhennelle Lee, Rubby Koomson, Linda Hoang, Meteyana Miller, Roxanne Lapierre, and Katherine Dinisi

The future of healthcare disinfection - this product is a short-wavelength ultraviolet light that will be used to prevent nosocomial infections. It will inactivate many viruses, pathogens, bacteria, and molds that prove dangerous to immunosuppressed patients.

#8 Toot-Z-Roll (WW Rm#1)

Iris Foley, Sharon Fong, Samantha Stilwell, Danielle Hercules, Kevin Reutenauer, Casey Zalagens, Irene Spanos, Brianna Sheetz, Lindsey Gilson, Jackson Haigis, Thomas Lederer, Salvatore Musumeci, and Derek Rockx

Toot-Z-Roll disposable bedpad system- roll-out underpad (chux) system that will clip onto the side of hospital beds and operate similar to a tin-foil roll for quick and easy access for nurses, a more comfortable experience for patients, and an overall simpler way to prevent patient skin breakdown.

#9 Emergent Identifier (WW Rm#1)

Michelle Malz, Laura Ferreti, Lauren Johnson, Michelle Gleason, Anh Vu, Tan Nguyen, and Whitney Jarrett

This is an identification system targeted towards emergency situations in which a patient does not come in with sufficient information to be accurately treated to their individual needs and does not hold the ability to state it themselves.

#10 IV-ME (WW Auditorium)

Michelle Roberge, Brendan Crook, Lindsay Saaristo, Allison Schlegel, Jessica Kearney, Amanda Miller, Rumi KC, Amalia Kanaris, and Joanna Bucoir

A new IV pump with a Wi-Fi feature that will notify the provider directly via text message or page through a beeper instead of ringing in the patient's room. IV pumps beep due to a blockage in the line or when a medication has finished.

#11 Stethy-Sleeve (WW Auditorium)

Michael Larrea, Disha Changela, Jennifer Pilchik, Christina Massoni, and Melenie Fernandez

Stethy-Sleeve is a product designed to cover the diaphragm and bell of a stethoscope to provide a barrier between patients and the stethoscope, reducing the amount of organisms that are spread, reducing nosocomial infections.

#12 AutoGluc (WW Auditorium)

Federico Crocitta, Ashley Kaminski, Patricia Madrio, Alex Marchinkoski, Sandy Nguyen, Rebecca Rogers, Meaghan Sullivan, and Erica Swanson

A one-of-a-kind glucometer, which not only measures blood sugar but calculates the prescribed insulin dosage for an individual. By taking the guesswork out of insulin dosage calculation, AutoGluc aims to prevent dangerous insulin administration errors.

#13 Baby Blanket (WW Auditorium)

Kyle Lemere, Sydney Jeanloz, Lacey Mantovani, Daniel Gallagher, Kristen Bryant, Taylor Bomely, Alba Hoxha, Alison Scott, and Alyssa Kemp

Newborn swaddle blanket intended to simulate the effects of skin-to-skin contact with the mother by using technology to mimic respirations, heart rate, temperature, and scent with the goal of improving outcomes of unattended newborns in the NICU and nursery, as well as at home.

#14 The Vitals Armband (WW Auditorium)

Monica Geiger, Allison Murphey, Megan Ryan, Jack Winters, Jessica Olson, Shaina Forte, Laura Mandell, and Sarah Boyadjian

This armband will take all patient vital signs, enhancing patient and provider safety and increasing efficiency. Need for this product is evident by falls caused by bulky machines attached to numerous wires. By streamlining the process of taking vital signs to one machine, we estimate falls will be reduced.

#15 reMED Me (WW Rm#1)

Kelly Monaghan, Haley Payne, Colin Plant, Eleanor Taber, Taylor Selig, Kimberly Lipen, Jessica Laprise, Angelica Lee, and Meagan Self

An electronic notification system that incorporates the electronic Medication Administration Record (eMAR) system as well as the Vocera communication system in the hospital setting. Through the use of simple reminders to support a nurse in his or her daily tasks, overall patient care will be improved.

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