

**John Britelli, RT, M.S., RRT-NPS, RPFT**

**4 Shields Court, Brookhaven, N.Y. 11718 / 631-444-3183 / [john.britelli@stonybrook.edu](mailto:john.britelli@stonybrook.edu)**

**Curriculum Vitae**

**EDUCATION**

State University of New York @ Stony Brook <i>Masters of Science in Healthcare Policy and Management</i>	2009 – 2013
State University of New York @ Stony Brook <i>Bachelorette of Science, Cardiorespiratory Sciences Program</i>	1980 – 1984
Suffolk County Community College <i>Liberal Arts Major</i>	1976 – 1980

**PROFESSIONAL LICENSE**

New York State, Respiratory Therapist #4892-1

**PROFESSIONAL CREDENTIALS**

Registered Pulmonary function Technician (RPFT), National Board for Respiratory Care Present	2010 – Present
Perinatal Pediatric Specialist (NPS), National Board for Respiratory Care Present	1987 – Present
Registered Respiratory Therapist (RRT), National Board for Respiratory Care	1985 – Present
Certified Respiratory Therapy Technician, National Board for Respiratory Care	1984 – Present

**PROFESSIONAL MEMBERSHIPS**

Member, National Academy of Inventors	2018 - Present
National Board for Respiratory Care	1984 – Present
American Association for Respiratory Care	1983 - Present

**AWARDS**

Best Podium Presentation, Converging Sciences Summit, Stony Brook University	2013
Faculty Honor Award, SHTM, Stony Brook University	2011
Faculty Honor Award, SHTM, Stony Brook University	2007
200% Club, Stony Brook University	2004
Distinguished Alumnus, Stony Brook University	2003

**PROFESSIONAL EXPERIENCE**

State University of New York @ Stony Brook  
Stony Brook, NY

<i>Clinical Assistant Professor, Respiratory Care Program</i>	2008 – Present
<i>Research Coordinator in the Respiratory Care Program</i>	2011 – Present
<i>Director of Clinical Education</i>	2008 – 2011
<i>Clinical Adjunct Professor, Respiratory Care/Health Sciences</i>	1997 - 2002
Medford Multicare Center for Living Medford, NY <i>Director of Respiratory Care Department</i>	2004 – 2008
Respiratory Marketing Group, Inc. <i>Owner/Administrator Marketing Firm</i>	2002 – Present
Audio Video Systems Oceanside, NY <i>Administrator, C.O.O.</i>	1998 – 2002
Alpine Home Medical Equipment Ronkonkoma, NY <i>Owner/Administrator/Director of Operations</i>	1991 – 1996
Heritage Home Health Services Selden, NY <i>Owner/Administrator/Founder</i>	1989 – 1996
University Hospital Stony Brook, NY <i>Respiratory Therapist Burn Unit</i> <i>Teaching and Research Respiratory Therapist/ Clinical Instructor</i>	1989 – 1990 1982 – 1989
Anthony Home Health Care Hempstead, NY <i>Respiratory Therapist/Clinical Instructor</i>	1989 – 1990

## **PUBLISHED PATENTS**

Device for monitoring physiological parameters #WO 2014043166	2017
Device for monitoring physiological parameters # WO 20150238138 (Lehmann, <b>Brittelli</b> , Gouzman, Johnson & Martino)	2015
A physiology monitoring system for reducing the risk of sudden unexpected infant death in infants and to monitor physiological parameters in both infants and adults.	
Home medication manager # WO 20170128326	2017
Home medication manager # WO 20160022542	2016
Home medication manager # WO 20150317455	2015

Home medication manager # WO 20140350720 (Lehmann & **Brittelli**) 2014

A portable self-medication management system and method comprising at least a plurality of receptacles, a scanner, a display screen, a housing for a compact electronic box, a compact electronic box and a processor to acquire medication information from a medication container, determine whether the medication information exists in a first database, if the medication information does not exist in the first database, associate the medication information with a location information comprising a receptacle and store the medication information and the location information in the first database, indicate the location information, and confirm placement of the medication container in the associated receptacle, notify a user to administer the medication held in the medication container, and request the user to scan the medication container of the notified medication, detect retrieval of an incorrect medication container from the plurality of receptacles, and issue a warning of the detection, and provide instructions for administering the medication.

Portable infant incubator # WO 2014159951 (Lehmann & **Brittelli**) 2014

## PUBLICATIONS

Smith, S., **Brittelli, J.** & Benz Scott, L. (2014). Awareness of the 2010 Guidelines Implemented by the New York State Education Department for Respiratory Therapists in Their Role as Clinical Preceptors. *Respiratory Care*. 59 (12) 1846-1850; DOI: <https://doi.org/10.4187/respcare.03029>.

Lin, W., Zhang, R., **Brittelli, J.** & Lehmann, C. (2014). *11th International Conference IEEE*. Wireless Infant Monitoring Device for the prevention of sudden infant death syndrome.

## GRANTS

E. Bennett-Guerrero, PI; Co-PIs: **J. Brittelli**, R. Rozensky and D. Galanakis. VO2 Max: In Vivo Model for Functional Red Cell Testing. Can RECESS Be Explained? Grant number: R56HL130186. Amount \$347,946, 2017 – Present.

Martino, S., Principal Investigator; **Brittelli, J.**, Dwyer, D. Sleep health in children: Causes, consequences and compliance. Stony Brook University Seed Grants for Survey Research (SGSR) (\$10,000) May, 2012.

Martino, SA, PI. Co-investigators: Dwyer, D, Kier, C, and **Brittelli, J.** Survey study of parents of children who have undergone sleep studies. Granting Agency: SBU Survey Center Seed Grant. Amount of Award: \$10,000 per one year. July 2012.

## PROFESSIONAL PRESENTATIONS

### INTERNATIONAL

Lehmann, C. & **Brittelli, J.** (2015). International Council For Caring Communities, “Health and Assistive Technology, Rehabilitation Medicine and Creative Education”, Windsor Castle, UK.

Lehmann, C. & **Brittelli, J.** (2014). International Council For Caring Communities “Imagine the Possible: Digital Innovation, Heath, Rehabilitation”, Windsor Castle, UK.

### NATIONAL

Martino, SA, Sisto, SA, Schilller, B., **Brittelli, J.** (2014). Validation of a wireless physical activity and heart rate monitor on overweight and healthy weight children. ACRM. Toronto, Canada, Oct 2014.

Martino, SA, Sisto, SA, Gouzman, M, **Brittelli, J** (2013). Development and validation of a wireless physical activity and heart rate monitor for children who are overweight/obese. ICAMPAM conference 2013, Amherst MA. June, 2013.

Martino, SA, Morelli, PJ, Sisto, SA, Einav, S, Das, S, **Brittelli, J**, Gouzman, and M. Development and validation of a wireless physical activity and heart rate monitor: Pilot data. Translational Science 2012, Washington, DC. April, 2012

## REGIONAL

Provided workshops monthly for Long-term care training and workshops for ventilator dependent residents. Sunrise Skilled Nursing Facility, St. James Skilled Nursing Facility and Affinity Skilled Nursing Facility. 2012 - Present.

Lehmann, C. & **Brittelli, J.** (2013). Converging Science Summit. Infant Incubator for Developing Countries.

Gouzman M, Martino SA, Sisto SA, **Brittelli J**, Schiller B. (2013) A Wireless Modular Sensor System For Combatting Childhood Obesity. *CEWIT International Conference*, Melville, NY.

## PEDAGOGICAL EXPERIENCE

Course Number	Course Name	Enrollment
<b>SUMMER 2008</b>		
HAT 340	Cardiovascular Clinical	
<b>FALL 2008</b>		
HAT 304	Cardiopulmonary Physiology	31
HAT 431	Respiratory Care Technology III	29
HAT 450	Critical care Clinical	15
HAT 451	Perinatal Respiratory Clinical	7
HAT 475	Polysomnographic Technician I Clinical	16
HAT 482	Physio. Monitoring Clinical	6
HAT 487	Cardiorespiratory Rehabilitation Clinical	6
<b>SPRING 2009</b>		
HAT 333 LEC	Pulmonary Diagnostic Technology	29
HAT 333 LAB 1	Pulmonary Diagnostic Technology	15
HAT 333 LAB 2	Pulmonary Diagnostic Technology	14
HAT 340.01	Cardiovascular Clinical	10
HAT 340.02	Cardiovascular Clinical	10
HAT 350.01	Basic Respiratory Care Clinical	9
HAT 350.02	Basic Respiratory Care Clinical	10
HAT 353.01	Pulmonary Diagnostics Clinical	10
HAT 353.02	Pulmonary Diagnostics Clinical	9

<b>Course Number</b>	<b>Course Name</b>	<b>Enrollment</b>
HAT 411.01	Clinical Teaching Respiratory Care	14
HAT 411.02	Clinical Teaching respiratory Care	14
HAT 450	Critical Care Clinical	13
HAT 451.01	Perinatal Respiratory Clinical	6
HAT 451.02	Perinatal Respiratory Clinical	8
HAT 476.01	Polysomnographic Technician II Clinical	8
HAT 476.02	Polysomnographic Technician II Clinical	8
HAT 482.01	Physiological Monitoring Clinical	8
HAT 482.02	Physiological Monitoring Clinical	8
HAT 482.03	Physiological Monitoring Clinical	8
HAT 487.01	Cardiorespiratory Rehabilitation Clinical	8
HAT 487.02	Cardiorespiratory Rehabilitation Clinical	11
HAT 487.03	Cardiorespiratory Rehabilitation Clinical	11
<b>SUMMER 2009</b>		
HAT 340	Cardiovascular Clinical	9
HAT 350	Basic Respiratory Care Clinical	9
HAT 353	Pulmonary Diagnostics Clinical	10
HAT 487	Cardiorespiratory Rehabilitation Clinical	5
<b>FALL 2009</b>		
HAT 304	Cardiopulmonary Physiology	29
HAT 431 LEC	Respiratory Care Technician III	29
HAT 431 LAB 1	Respiratory Care Technician III	15
HAT 431 LAB 2	Respiratory Care Technician III	14
HAT 450	Critical Care Clinical	15
HAT 451	Perinatal Respiratory Clinical	7
HAT 475	Polysomnographic Technician I Clinical	27
HAT 482	Physiological Monitoring Clinical	7
HAT 487	Cardiopulmonary Rehabilitation Clinical	7
<b>SPRING 2010</b>		
HAT 333	Pulmonary Diagnostics Clinical	24
HAT 333 LAB 1	Pulmonary Diagnostics Clinical	12
HAT 333 LAB 2	Pulmonary Diagnostics Clinical	12

<b>Course Number</b>	<b>Course Name</b>	<b>Enrollment</b>
HAT 340.07	Cardiovascular Clinical	8
HAT 340.08	Cardiovascular Clinical	8
HAT 350.07	Basic Respiratory Care Clinical	8
HAT 350.08	Basic Respiratory Care Clinical	8
HAT 353.07	Pulmonary Diagnostics Clinical	8
HAT 353.08	Pulmonary Diagnostics Clinical	8
HAT 411.07	Clin Teaching Respiratory Care	14
HAT 411.08	Clin Teaching Respiratory Care	15
HAT 450.04	Critical Care Clinical	13
HAT 450.07	Critical Care Clinical	1
HAT 451.04	Perinatal Respiratory Clinical	7
HAT 451.07	Perinatal Respiratory Clinical	8
HAT 451.08	Perinatal Respiratory Clinical	7
HAT 476.07	Polysomnographic Tech II Clinical	27
HAT 482.04	Physiological Monitoring Clinical	9
HAT 482.07	Physiological Monitoring Clinical	6
HAT 487.04	Cardiopulmonary Rehab Clinical	6
HAT 487.07	Cardiopulmonary Rehab Clinical	9
HAT 487.08	Cardiopulmonary Rehab Clinical	9
HAT 487.89	Cardiopulmonary Rehab Clinical	1
<b>FALL 2010</b>		
HAT 340.09	Cardiovascular Clinical	
HAT 350.09	Basic Respiratory Care Clinical	
HAT 353.09	Pulmonary Diagnostics Clinical	
HAT 487.09	Cardiopulmonary Rehab Clinical	
<b>SUMMER 2018</b>		
HAT 340.09	Cardiovascular Clinical	8
HAT 350.09	Basic Respiratory Care Clinical	8
HAT 353.09	Pulmonary Diagnostics Clinical	8
HAT 487.09	Cardiopulmonary Rehab Clinical	8

## **SERVICE**

### **PROFESSIONAL/LEADERSHIP EXPERIENCE**

Past Chair and Extended Member\* New York State Board of Respiratory Therapy and Polysomnography 2017 – Present

Chair and Extended Member\* New York State Board of Respiratory Therapy and Polysomnography 2012 – 2017

Vice Chair and Extended Member\* New York State Board of Respiratory Therapy and Polysomnography 2011 – 2012

Member and Extended Member\* New York State Board of Respiratory Therapy and Polysomnography 2007 – 2011

\*Discipline Arbitration Advisor in the Profession

Strategic Ventilation Program, completed/submitted proposal to NYS for all respiratory programs in NY to receive ventilators 2009

## UNIVERSITY

Senior Design Group (Thesis projects) Advisor for College of Engineering and Applied Sciences 2015 - 2017

VENTure Team Charter Member 2012 – Present

Mentor for Undergraduate Students in the Honors College for Thesis (Student received award) 2012 – 2014

## SHTM

Vice President of the SHTM Assembly 2018 - Present

RRAMP Lab Advisory Committee 2018 - Present

Research Committee 2011 - Present

Clinical Education Committee 2008 - 2011

HCOPE Presentations

## RESPIRATORY PROGRAM

Academic Challenge Coach 2018

Committee member to develop master's program in respiratory care 2011 - 2014

Academic Challenge Moderator 1996 - 2008