

**Thomas J. Wing II, EdD, RRT**  
Department of Respiratory Care  
Boise State University  
1910 University Drive  
Boise, ID 83725-1835  
(208) 863-2756  
thomaswing@boisestate.edu

---

## **EDUCATION**

**Doctor of Education – Educational Technology (2018)**

Boise State University, Boise, ID

**Masters of Health Sciences, Leadership Emphasis (2007)**

Boise State University, Boise, ID

**Bachelor of Science – Respiratory Therapy (2002)**

Boise State University, Boise, ID

**Associate of Science – Respiratory Therapy (2001)**

Boise State University, Boise, ID

## **Certifications**

**Registered Respiratory Therapist (RRT)**, National Board for Respiratory Care. (2001-Present).

## **PROFESSIONAL EXPERIENCE**

**July 2003 – Present**

**Boise State University**  
College of Health Sciences  
Boise, ID

**Program Director (2018 – Present)** - Bachelor of Science in Respiratory Care Degree Advancement Program, Department of Respiratory Care

**Tenured Associate Professor (2009 – Present)** - Respiratory Care Program, Department of Respiratory Care

**Assistant Professor (2005 – 2008)** - Respiratory Care Program, Department of Respiratory Care

**Instructor (2003 – 2005)** - Respiratory Care Program, Department of Respiratory Care

Feb 2000 – Jan 2005

**Respiratory Therapist**, Department of Respiratory Care, St.  
Alphonsus Regional Medical Center  
Boise, ID

## TEACHING

### Teaching Experience

2003 – Fall 2019

- RESPCARE 105 (2 credits)** *Interdisciplinary Patient Care Skills*  
(Fall 2003 - 2013) \*avg student load # 30-40
- RESPCARE 300 (1 credit)** *Recitation & Application III*  
(Fall 2003 - 2016) \*avg student load # 20-26
- RESPCARE 303 (3 credits)** *Respiratory Care Theory III*  
(Fall 2003 - 2016) \*avg student load # 20-26
- RESPCARE 304 (2 credits)** *Respiratory Care Lab III*  
(Fall 2003 - 2016) \*avg student load # 20-26
- RESPCARE 308 (5 credits)** *Clinical Practicum III*  
(Fall 2003 - 2016) \*avg student load # 20-26
- RESPCARE 440 (3 credits)** *Senior Theory: Advanced Concepts*  
(Fall/Spring 2006 - Present) \*avg student load # 30-40
- RESPCARE 444 (3 credits)** *Leadership & Management for Health Care Professionals*  
(Fall/Spring/Summer 2007 - Present) \*avg student load # 30-40
- RESPCARE 445 (3 credits)** *Patient Advocacy & Ethical Considerations*  
(Spring 2007 - 2010) \*avg student load # 30-40
- HLTHST 400 (1 credit)** *Interprofessional Capstone*  
(Fall 2012) \*student load # 15
- KINES 150 (1 credit)** *Residential College: Health Professions*  
(Fall/Spring 2014 - 2016)
- RESPCARE 222 (1 credit)** *Interpretation of Chest Radiographs*  
(Spring 2003 - 2005) \*avg student load # 20-26
- RESPCARE 323 (3 credits)** *Respiratory Care Theory IV*  
(Spring 2004 - 2016) \*avg student load # 20-26
- RESPCARE 324 (2 credits)** *Respiratory Care Lab IV*  
(Spring 2004 - 2016) \*avg student load # 20-26
- RESPCARE 328 (5 credits)** *Clinical Practicum IV*  
(Spring 2004 - 2016) \*avg student load # 20-26
- RESPCARE 350 (2 credits)** *Recitation & Application IV*  
(Spring 2004 - 2016) \*avg student load # 20-26
- KINES 150 (1 credit)** *Residential College: Health Professions*  
(Spring 2014 - 2016)

## RESEARCH

### Publications

#### **Book Chapters**

Elison-Bowers, P., Sand, J., Barlow, M. R., & **Wing, T. J.** (2014) Managing online learning. In J. H. Westover & J. P. Westover (Eds.) *Engaging hybrid and blended learning in higher education* (pp. 86-95). Champaign, IL: Common Ground.

### **Peer-Reviewed Journal Articles**

**Wing, T. J.**, & Sand, J. N. (2019) Assessment strategies in online learning. *Academic Exchange Quarterly*, 23(2), 8-13.

Koster, M., & **Wing, T.J.** (2019) Admission criteria and course performance in an undergraduate respiratory care program: A case for non-cognitive measures. *Respiratory Care Education Annual*, 28. 3-17.

**Wing, T.J.**, Haan, L., Ashworth, L., & Anderson, J. (2015). Limiting volume with modern ventilators. *Therapeutic Advances in Respiratory Disease*, 9(3), 75-83.

**Wing, T.J.**, Koster, M.S., & Haan, L.H. (2014). Formative assessment in healthcare education. *International Journal of Education and Social Science*, 1(3), 32-37.

Sand, J. N., Elison-Bowers, P., **Wing, T. J.**, & Kendrick, L. (2014) Experiential learning and clinical education. *Academic Exchange Quarterly*, 18(4), 43-49.

Elison-Bowers, P., Sand, J. N., Barlow, M. R., & **Wing, T. J.** (2011) Strategies for managing large online classes. *The International Journal of Learning*, 18(2), 57-66.

### **Non-Refereed Journal Articles**

**Wing, T. J.** (2008) Understanding the undesirable: An evaluation of statistical methods. *Mountain Air*, 5(3), 1-6.

### **Dissertation**

**Wing, T. J.** (2018). *The effects of formative and summative assessment on student's connectedness, satisfaction, learning and academic performance within an online healthcare course.*

### **Published Abstracts**

“*Performance Comparison of Oxygen Delivery Devices in Patients with Varying Inspiratory Demands.* Presented at the American Association for Respiratory Care International Congress in Anaheim, CA, Nov 14, 2013.

“*Exhalation Valve Resistance of Modern Ventilators II*”. Presented at the American Association for Respiratory Care International Congress in San Antonio, TX, Dec 5, 2005.

“*Automatic Tube Compensation: Does It Really Matter?*”. Accepted for presentation at the American Thoracic Society in Orlando, FL, May 2004.

“*Exhalation Valve Resistance of Modern Ventilators*”. Presented at the American Association for Respiratory Care International Congress in New Orleans LA, Dec 7, 2004.

## **Manuscript In Progress**

Sand, J. N., **Wing, T. J** & Elison-Bowers, P. R., (submitted). Orienting students for effective learning in large online courses. In S. Koc & M. Boboc (Eds.) *Teaching Large Online and Blended Courses*. Charlotte, NC: Information Age Publishing.

## **Presentations**

### **Conference Presentations**

**Wing, T. J.**, (2012, April). *Limiting volume ventilation with modern ventilators*. Idaho State Respiratory Care Conference, Boise, ID.

**Wing, T. J.**, (2011, November). *The health effects of ozone*. Panel presentation EPA's Proposed Strengthening of the Ozone Standard: Consequences for Idaho and the Treasure Valley, Boise, ID.

**Wing, T. J.**, (2010, December). *Clinical trials and their impact on the practice of Respiratory Care*. 56<sup>th</sup> American Association for Respiratory Care International Congress Conference, Las Vegas, NV.

**Wing, T. J.**, (2010, December). *Therapeutic hypothermia following asphyxia: How strong is the current evidence?*. 56<sup>th</sup> American Association for Respiratory Care International Congress Conference, Las Vegas, NV.

**Wing, T. J.**, (2008, July). *Is this article worth reading?*. American Association for Respiratory Care Summer Forum for Educators Conference, Phoenix, AZ.

## **Grants and Contracts**

**Wing, T.J.** (Spring, 2012). *mLearning Scholars* grant for creation and implementation of evaluation strategies in the classroom utilizing mobile technology, PI \$500.

**Wing, T.J.** (Summer, 2012). *mLearning 2.0 Scholars* grant for the utilization of mobile technology in the classroom, PI \$4,000.

## **SERVICE**

### **Institutional Service**

#### **University Service**

- Member, Student Affairs Committee (2008 - Present)
- Member, Alternative Academic Calendar Committee (2010 - 2011)
- Exam proctor, Weber State University, Brigham Young University, University of North Dakota (2007 - Present)

#### **College Service**

- Chair, Policy & Procedure Committee, College of Health Sciences (2007-2009)
- Chair, Library Committee, College of Health Sciences (2004-2009)
- Member, Policy & Procedure Committee, College of Health Sciences (2006, 2009-2013)
- Member, Library Committee, College of Health Sciences (2003, 2009-2012)
- Member, Graduate Programming Committee, College of Health Sciences (2010-2013)
- Member, Task Force for Developing a Finishing Foundations Course, College of Health Sciences (2011)
- Faculty-In-Residence, College of Health Sciences (2014-2016)

### **Department Service**

- Program Director, Bachelor of Science in Respiratory Care Degree Advancement Program, Department of Respiratory Care (2018 – Present)
- Chair, Student Selection Committee, Department of Respiratory Care (2004 - 2011)
- Chair, ASBSU Student Organization Committee, Department of Respiratory Care (2003-2011)
- Member, Student Selection Committee, Department of Respiratory Care (2003, 2012 - 2013)
- Evaluator, Transfer Equivalent System (TES) (2009 – Present)
- Lead Advisor, Bachelor of Science in Respiratory Care Degree Advancement Program, Department of Respiratory Care (2018 – Present)
- Advisor, Bachelor of Science in Respiratory Care Program, Department of Respiratory Care (2003 - 2018)

### **Professional Service and Affiliations**

- Vice President, Idaho Society for Respiratory Care (2010-2012)
- Member, Association for Educational Communications and Technology (2013-2018)
- Member, Idaho Society for Respiratory Care (2001-Present)
- Member, American Association for Respiratory Care (2001-Present)
- Member, National Board for Respiratory Care (2001-Present)

### **Community Service**

- Volunteer, Trail Wind Elementary (2016-Present)
- Volunteer, SAGE Elementary (2015-2016)
- Volunteer, Boise Rescue Mission (2014 - 2016)
- Volunteer, Ronald McDonald House (2014 - 2016)
- Volunteer, Boise Urban Gardens (2014 – 2016)
- Volunteer, Boise Bicycle Project (2014 -Present)

### **AWARDS AND HONORS**

2014 Golden Apple Award Nominee: Outstanding Educator, College of Health Sciences, Boise State University

2012 Excellence in Teaching Award Nominee, College of Health Sciences, Boise State University

2010 Excellence in Teaching Award Recipient, College of Health Sciences, Boise State University