

Curriculum Vitae

Ann D. Cuccia, MPH, RRT, RRT-NPS, RPFT, AE-C, FAARC

Respiratory Care Program
Stony Brook University School of Health Professions
Health Sciences Center, Level 2, Room 410
Stony Brook, NY 11794-8203
PH.: 631-444-3797
Cell: 631-766-2421
Email: ann.cuccia@stonybrook.edu
ORCID: <https://orcid.org/0000-0003-0880-3783>

EDUCATION

Stony Brook University, Stony Brook, NY
Master of Public Health, Health Analytics Concentration
Stony Brook University, Stony Brook, NY
Bachelor of Science, CardioRespiratory Science
Longwood University, Farmville, VA
Bachelor of Science, Biology

CERTIFICATIONS AND LICENSURE

New York State Department of Education, Licensed Respiratory Therapist # 001249
National Board for Respiratory Care, Registered Respiratory Therapist # 33143
National Board for Respiratory Care, Registered Pulmonary Function Technologist
National Board for Respiratory Care, Perinatal/Pediatric Specialist
NAECB Certified Asthma Educator # 6520
American Lung Association *Freedom from Smoking* Facilitator
Suffolk County *Learn to be Tobacco Free* Facilitator Training
Basic Life Support

ACADEMIC APPOINTMENTS

Clinical Professor in Respiratory Therapy Stony Brook University Respiratory Care Program, School of Health Professions Stony Brook University, Stony Brook, NY	2024-Present
Clinical Associate Professor in Respiratory Therapy Stony Brook University Respiratory Care Program, School of Health Professions Stony Brook University, Stony Brook, NY	2018-2024
Clinical Assistant Professor in Respiratory Therapy Stony Brook University Respiratory Care Program, School of Health Professions Stony Brook University, Stony Brook, NY	2010-2017
<u>Director of Clinical Education</u> Stony Brook University Respiratory Care Program, School of Health Professions Stony Brook University, Stony Brook, NY	2016-Present
<u>Full-time faculty member</u> <ul style="list-style-type: none">Respiratory Therapy Program (2010-present),Polysomnographic Technology Certificate Program (2011-2013)	2010-Present

ACADEMIC APPOINTMENTS

Teaching Responsibilities:

- HAT 306-Patient Assessment, 2 cr. (2010-2015, 2022-present)
- HAT 333-Pulmonary Diagnostics, 3 cr. (2022-present)
- HAT 330 -Pulmonary Pathology, 3 cr. (2010-2022)
- HAT 431-Respiratory Therapy Techniques III, 4 cr. (2010-present)
- HAT 350 – Basic Respiratory Care Clinical, 4 cr. (2010-2022)
- HAT 411- Clinical Teaching in Respiratory Care, 4 cr. (2013-2022)
- HAT 450 – Critical Care Clinical, 5 cr. (2016-present)
- HAT 482 – Cardiovascular Monitoring Clinical, 2 cr. (2016-2021)
- HAT 487 – Cardiopulmonary Rehab Clinical, 2 cr. (2010-16)

Additional Responsibilities:

Respiratory Care Program and Polysomnographic Certificate Program Advisory Committee member; supervising clinical faculty/perform off-campus clinical site visits for clinical courses; faculty advisor, provide program information sessions for individuals interested in applying to the RC Program, recruitment events.

Non-salaried Clinical Faculty

Stony Brook University Respiratory Care Program
Stony Brook University, Stony Brook, NY

1991-1993,
1996-1999

PROFESSIONAL PRACTICE

Per Diem Respiratory Therapist

Respiratory Therapy Department
Stony Brook Southampton Hospital, Southampton, NY

2020-2022

Per Diem Respiratory Therapist, COVID-19 Assistance

Respiratory Therapy Department
University Hospital at Stony Brook, Stony Brook, NY

2020-2021

Per Diem Respiratory Therapist, Staff Educator and COVID-19 Assistance

Respiratory Therapy Department
Stony Brook Southampton Hospital, Southampton, NY

2020-2021

Responsibilities:

- Provide mechanical ventilation education to interns, residents, hospitalists and other non-ICU clinicians recruited to assist in the management of mechanically ventilated patients during COVID-19.
- Treat and manage critically ill patients with COVID-19

Per Diem Respiratory Therapist

Respiratory Care Department
CardioPulmonary Rehabilitation/Ed and Phyllis Davis Wellness Institute
Stony Brook Southampton Hospital, Southampton, NY

2010-2022

Tobacco Cessation Facilitator

Stony Brook Southampton Hospital, Southampton, New York

2014-2020

Pulmonary Rehabilitation Coordinator

CardioPulmonary Rehabilitation/Ed and Phyllis Davis Wellness Institute
Stony Brook Southampton Hospital, Southampton, NY

1995-2010

Per Diem Staff Respiratory Therapist

Respiratory Care Department
Stony Brook Southampton Hospital, Southampton, NY

2006-2008
2020-2021

PROFESSIONAL SOCIETIES

Lambda Beta Society, National Honor Society for Respiratory Care
Alpha Eta Honor Society, National Honor Society for Health Professions
American College of Respiratory Therapy Education [formerly Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBRTE)]
American Association for Respiratory Care (AARC)
New York State Society for Respiratory Care (NYSSRC)
New York Downstate Association for Respiratory Therapy (NYDART)
European Respiratory Society (ERS)
International Society for Aerosols in Medicine (ISAM)

AWARDS AND HONORS

Fellow, American Association for Respiratory Care (FAARC)
SBU Graduate Program Public Health, Ann Tempone Memorial Award
American Lung Association Award for Clinical Excellence in Respiratory Care

PEER-REVIEWED PUBLICATIONS

1. Jayakumaran, J., Smaldone, G.C., **Cuccia, A. D.** (2024). External Jet Nebulization and Measured Ventilator Performance. *Respir Care*, 69 (7), 790-798. <https://doi.org/10.4187/respcare.11296>
2. **Cuccia, A. D.**, McPeck, M., Lee, J.A., Smaldone, G.C. (2023). Multidrug Aerosol Delivery During Mechanical Ventilation. *Journal of aerosol medicine and pulmonary drug delivery*, 36(4). <https://doi.org/10.1089/jamp.2022.0057>
3. Lee, J. A., McPeck, M., **Cuccia, A. D.**, & Smaldone, G. C. (2022). Real-Time Analysis of Dry-Side Nebulization With Heated Wire Humidification During Mechanical Ventilation. *Respir Care*, 67(8), 914-928. <https://doi.org/10.4187/respcare.09459>
4. McPeck, M., Lee, J. A., **Cuccia, A. D.**, & Smaldone, G. C. (2022). Real-Time In Vitro Assessment of Aerosol Delivery During Mechanical Ventilation. *J Aerosol Med Pulm Drug Deliv*, 35(1), 32-40. <https://doi.org/10.1089/jamp.2021.0019>
5. McPeck, M., Ashraf, S., **Cuccia, A. D.**, & Smaldone, G. C. (2021). Factors Determining Continuous Infusion Aerosol Delivery During Mechanical Ventilation. *Respir Care*, 66(4), 573-581. <https://doi.org/10.4187/respcare.07715>
6. Haw, A., McPeck, M., **Cuccia, A. D.**, & Smaldone, G. C. (2021). Face Mask Leak Determines Aerosol Delivery in Noninvasive Ventilation. *Respir Care*, 66(1), 95-103. <https://doi.org/10.4187/respcare.07915>
7. Ashraf, S., McPeck, M., **Cuccia, A. D.**, & Smaldone, G. C. (2020). Comparison of Vibrating Mesh, Jet, and Breath-Enhanced Nebulizers During Mechanical Ventilation. *Respir Care*, 65(10), 1419-1426. <https://doi.org/10.4187/respcare.07639>
8. **Cuccia, A. D.**, Ashraf, S., McPeck, M., Samuel, J., & Smaldone, G. C. (2020). Wet-Side Breath-Enhanced Jet Nebulization: Controlling Drug Delivery During Mechanical Ventilation. *Respir Care*, 65(8), 1077-1089. <https://doi.org/10.4187/respcare.07343>
9. Gowda, A. A., **Cuccia, A. D.**, & Smaldone, G. C. (2017). Reliability of Vibrating Mesh Technology. *Respir Care*, 62(1), 65-69. <https://doi.org/10.4187/respcare.04702>
10. Patel, R. B., Smaldone, G. C., **Cuccia, A. D.**, & Strachan, P. (2013). In vitro delivery of aerosolized treprostinil via modern mechanical ventilation. *J Aerosol Med Pulm Drug Deliv*, 26(4), 200-207. <https://www.liebertpub.com/doi/10.1089/jamp.2012.1013>
11. Palmer, L. B., Smaldone, G. C., Simon, S. R., O'Riordan, T. G., & **Cuccia, A.** (1998). Aerosolized antibiotics in mechanically ventilated patients: delivery and response. *Critical care medicine*, 26(1), 31-39.
12. Cabahug, C. J., McPeck, M., Palmer, L. B., **Cuccia, A.**, Atkins, H. L., & Smaldone, G. C. (1996). Utility of technetium-99m-DTPA in determining regional ventilation. *J Nucl Med*, 37(2), 239-244. <https://www.ncbi.nlm.nih.gov/pubmed/8667052>

PEER-REVIEWED ABSTRACTS

1. Jayakumaran, Jeyanthan, Smaldone, Gerald C, Cuccia, Ann D. (2024) External Jet Nebulization and Measured Ventilator Performance.[Abstract]. *Critical Care Medicine*, 52(1), (S653). DOI: 10.1097/01.ccm.0001003612.45208.a5
<https://journals.lww.com/ccmjournals/citation/2024/01001/1363externaljetnebulizationandmeasured.1307.aspx>
2. Smaldone, Gerald C, **Cuccia, Ann D.** Lee, Janice (2022). Combined Bolus and Continuous Nebulization during Mechanical Ventilation: Dual Therapy for Respiratory Failure. [Abstract]. *Chest*, 161(6), (Suppl A171).
[https://journal.chestnet.org/article/S0012-3692\(21\)04649-3/fulltext](https://journal.chestnet.org/article/S0012-3692(21)04649-3/fulltext)
3. McPeck, Michael,; Lee, Janice, **Cuccia, Ann D.**; Smaldone, Gerald C. (2021) Real-time Analysis of Dry-side Nebulization with Heated Wire Humidification During Mechanical Ventilation. [Abstract]. *Respiratory Care*, 66 (Suppl 10).
http://rc.rcjournal.com/content/66/Suppl_10/3606676
4. **Cuccia, Ann D.**; Lee, Janice; McPeck, Michael; Smaldone, Gerald C. (2021) Multidrug Aerosol Delivery During Mechanical Ventilation. [Abstract]. *Respiratory Care*, 66 (Suppl 10). http://rc.rcjournal.com/content/66/Suppl_10/3606671
5. **Cuccia, Ann D.**, Lee, Janice, McPeck, Michael, Smaldone, Gerald C. (2021) Simultaneous Delivery of Two Aerosols During Mechanical Ventilation. [Abstract]. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 34 (5), (A17-A18).
<https://doi.org/10.1089/jamp.2021.ab02.abstracts>
6. McPeck, Michael, Lee, Janice; **Cuccia, Ann D.**, Smaldone, Gerald C. (2021) Real-Time In Vitro Assessment of Aerosol Delivery During Mechanical Ventilation. [Abstract]. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 34 (5), (A10-A11). <https://doi.org/10.1089/jamp.2021.ab02.abstracts>
7. Lee, J. A., McPeck, M., **Cuccia, A. D.**, Smaldone, G. C. (2021) Aerosol Delivery from the Dry Side of a Heated Humidifier During Mechanical Ventilation. [Abstract]. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 34 (5), (A18).
<https://doi.org/10.1089/jamp.2021.ab02.abstracts>
8. **Cuccia, Ann D.**, Haw, Alexandra, McPeck, Michael, Smaldone, Gerald C. (2020). Face Mask Leak Determines Aerosol Delivery in Noninvasive Ventilation. [Abstract]. *Respiratory Care*, 65 (Suppl 10).
http://rc.rcjournal.com/content/65/Suppl_10/3448650
9. McPeck, Michael, **Cuccia, Ann D.**, Smaldone, Gerald C. (2020). Active Humidification and Delivery of Aerosols. [Abstract]. *Respiratory Care*, 65 (Suppl 10). http://rc.rcjournal.com/content/65/Suppl_10/3448978
10. McPeck, Michael, **Cuccia, Ann D.**, Smaldone, Gerald C. (2020). Utility of Radiolabeled Saline for Measuring and Imaging Aerosol Delivery in Mechanical Ventilator Systems. [Abstract]. *Respiratory Care*, 65 (Suppl 10).
http://rc.rcjournal.com/content/65/Suppl_10/3452085
11. McPeck, Michael, **Cuccia, Ann D.**, Smaldone, Gerald C. (2020). Breath-Enhanced Nebulization on the Dry Side of the Humidifier. [Abstract]. *Respiratory Care*, 65 (Suppl 10). http://rc.rcjournal.com/content/65/Suppl_10/3449044
12. **Cuccia, A.D.**, Ashraf, S., McPeck, M., Shukla, V., Smaldone, G.C. (2019) Wet side Breath-enhanced Jet Nebulization: Controlling Drug Delivery During Mechanical Ventilation. [Abstract]. *Respiratory Care*, 64 (Suppl 10).
13. Ashraf, S., **Cuccia, A.D.**, McPeck, M, Smaldone, G. C. (2019) A Modern Appraisal of Nebulizer Technologies During Mechanical Ventilation. [Abstract]. *Respiratory Care*, 64 (Suppl 10).
http://rc.rcjournal.com/content/64/Suppl_10/3229349
14. McPeck, M., Ashraf, S, **Cuccia, A.D.**, Smaldone, G.C. (2019) Breath-Enhanced Jet Nebulizer for Continuous Infusion Aerosol Delivery During Mechanical Ventilation: In Vitro Comparison to Vibrating Mesh. [Abstract]. *Respiratory Care*, 64 (Suppl 10). http://rc.rcjournal.com/content/64/Suppl_10/3226853
15. Ashraf, S., **Cuccia, A.D.**, McPeck, M., et.al. (2019). The *i-VENT* Nebulizer: Controlled Drug Delivery During Mechanical Ventilation. [Abstract]. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 32(3), p A-22.
<https://www.liebertpub.com/doi/10.1089/jamp.2019.ab02.abstracts>
16. **Cuccia, A.D.**, Samuel, J., McPeck, M., Shukla V., Smaldone, G. C. (2018). Controlling Drug Delivery During Mechanical Ventilation: Breath-Enhanced Jet Nebulization [Abstract]. *Respiratory Care*, 63 (Suppl 10).
http://rc.rcjournal.com/content/63/Suppl_10/3013041
17. Kanth, P., **Cuccia, A.D.**, Toddywala, R., et.al. (2017). Control of Aerosol Delivery during Mechanical Ventilation [Abstract]. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 30(3), p A-26.
<https://doi.org/10.1089/jamp.2017.ab01.abstracts>
18. **Cuccia, A.D.**, Smaldone, G.C. (2017). Breath-Actuated Jet Nebulizer and Aerosol Delivery During Mechanical Ventilation [Abstract]. *Respiratory Care*, 62 (Suppl 10), p22 OF21.

CONFERENCE ABSTRACTS/POSTER PRESENTATIONS

1. **Cuccia, Ann D.**, McPeck, Michael, Lee, Janice A., Smaldone, Gerald C. (2021, December) Multidrug Aerosol Delivery During Mechanical Ventilation. Abstract selected and presented at *Open Forum* Session Presentation: AARC 67th International Respiratory Convention (Virtual).
2. **Cuccia, Ann D.**, Lee, Janice A., McPeck, Michael, Smaldone, Gerald C. (2021, May) Simultaneous Delivery of Two Aerosols During Mechanical Ventilation. Abstract and poster presented at 23rd International Society for Aerosols in Medicine (ISAM) Congress, Boise, ID.
3. **Cuccia, Ann D.**, Haw, Alexandra, McPeck, Michael, Smaldone, Gerald C. (2020, November) Face Mask Leak Determines Aerosol Delivery in Noninvasive Ventilation. Abstract selected and presented at *Open Forum* Session Presentation: AARC 66th International Respiratory Convention and Exhibition.
4. **Cuccia, Ann D.**, Ashraf, Sunya, McPeck, Michael, Samuel, Joshua, Smaldone, Gerald C. (2019, November) Wet side Breath-enhanced Jet Nebulization: Controlling Drug Delivery During Mechanical Ventilation. Abstract and poster selected and presented at *Open Forum* Session Presentation: AARC 65th International Respiratory Convention and Exhibition, New Orleans, LA.
5. **Cuccia, Ann D.**, Samuel, Joshua, McPeck, Michael; Shukla, Vijay, Smaldone, Gerald C. (2019, March). Controlling Drug Delivery During Mechanical Ventilation: Breath-Enhanced Jet Nebulization. Abstract and poster selected and presented at Stony Brook University 13th Annual Women in Medicine Conference, Stony Brook, NY.
6. **Cuccia, Ann D.**, Samuel, Joshua, McPeck, Michael, Shukla, Vijay; Smaldone, Gerald C. (2018, December). Controlling Drug Delivery During Mechanical Ventilation: Breath-Enhanced Jet Nebulization. Abstract and poster selected and presented at *Open Forum* Session Presentation: AARC 64th International Respiratory Convention and Exhibition, Las Vegas, NV.
7. **Cuccia, A.D.**, Smaldone, G.C. (2017, October). Breath-Actuated Jet Nebulizer and Aerosol Delivery during Mechanical Ventilation. Abstract and poster selected and presented at *Open Forum* Session Presentation at: AARC 63rd International Respiratory Convention and Exhibition, Indianapolis, IN.
8. Plank, A.I., **Cuccia, A.D.**, Nemesure, M.D., Messina, C.R., Bilfinger, T.V. (2014, April). *Five-Year Recurrence and Survival Characteristics Among Stage I Lung Cancer Patients Undergoing Resection at Stony Brook University Hospital*. Poster presented at Stony Brook University Women in Medicine Conference, Stony Brook, NY.
9. **Cuccia, A.D.** (2013, April). *Dissolvable Tobacco Products and Student Income: Is There an Association?* Poster presented at Stony Brook University Converging Science Summit, Stony Brook, NY.

NON-PEER REVIEWED PUBLICATIONS

1. **Cuccia, A.D.** (2017, November 26). *Grace Anne Dorney Koppel & Ted Koppel Raise Awareness for COPD on CBS Morning News*. COPD.net. <https://copd.net/news/raise-awareness-on-cbs-morning-news/>
2. **Cuccia, A.D.** (2016, July 21). *New Clinical Practice Guidelines for Alpha-1*. COPD.net. <https://copd.net/news/new-clinical-practice-guidelines-for-alpha-1/>
3. **Cuccia, A.D.** (2016, May 1). *BEVESPI® Inhaler Approved by FDA*. COPD.net. <https://copd.net/news/bevespi-inhaler-approved-fda/>
4. **Cuccia, A.D.** (2016, March 15). *Hope and Belonging: What Pulmonary Rehab Means to Me*. COPD.net. <https://copd.net/living/hope-and-belonging-what-pulmonary-rehab-means-to-me/>
5. **Cuccia, A. D.** (2016). "Is there anything I can do to relieve my swollen ankles?". In Expert Answers: Relief for Swollen Ankles: COPD.net, Health Union. <https://copd.net/answers/expert-answers-relief-for-swollen-ankles>
6. **Cuccia, A.D.** (2015, July 30). *Pursed-lips are Not Just for Kissing*. COPD.net. <https://copd.net/guest-expert/pursed-lips-are-not-just-for-kissing/>

INVITED LECTURES: 2024-2020

1. Advanced Multidrug Aerosol Delivery during Mechanical Ventilation in Adults. (April 2024). New York Downstate Association for Respiratory Therapists (NYDART) Annual Spring Symposium and Exhibition. Kingsborough Community College, Brooklyn, New York.
2. Multidrug Aerosol Delivery during Mechanical Ventilation. (April 2023). Stony Brook School of Health Professions 2023 Research Day. Stony Brook University, Stony Brook, New York.

INVITED LECTURES: 2024-2020

3. Multidrug Aerosol Delivery during Mechanical Ventilation. (January 2023). Department of Medicine Research Seminar. Stony Brook University Medical Center, Stony Brook, New York.
4. Mechanical Ventilation Boot Camp. (August 2021). SBUH Pulmonary Fellow Lecture Series. Ventilator management and troubleshooting. Stony Brook University Medical Center, Stony Brook, New York.
5. Spirometry: Overview and Interpretation. (February 2021) Health First/American Lung Association Asthma Educator Institute. Virtual Asthma Educator Course.
6. Diagnosis, Assessment & Monitoring of Asthma. (February 2021) Health First/American Lung Association Asthma Educator Institute. Virtual Asthma Educator Course.
7. Spirometry: Overview and Interpretation. (January 2021) American Lung Association New York State Asthma Educator Institute. Virtual Asthma Educator Course.
8. Diagnosis, Assessment & Monitoring of Asthma. (July 2020) Health First/American Lung Association Asthma Educator Institute. Virtual Asthma Educator Course.
9. Spirometry: Overview and Interpretation. (July 2020) Health First/American Lung Association Asthma Educator Institute. Virtual Asthma Educator Course.
10. Mechanical Ventilation Management. (June 2020). Graduate Medical Education Orientation. Basics of mechanical ventilation and general ventilator management. Stony Brook Southampton Hospital, Southampton, New York.
11. Introduction to Mechanical Ventilation. (May 2020) Orientation in-service for SBUH nursing. Presented to SBUH new nursing hires. Stony Brook University Medical Center, Stony Brook, New York.
12. Mechanical Ventilation Bootcamp. (March-May 2020). In-services provided for residents, hospitalists, non-ICU physicians and physician-extenders related to general ventilator management and management associated with COVID-19. Stony Brook Southampton Hospital, Southampton, New York.
13. Webinar: Using a Stepwise Approach to Optimize Asthma Treatment: A Review of Medications and Devices (February 2020). American Lung Association Asthma Management in Schools program for school-based health center staff. Presented to 100 webinar participants for training and continuing education credit through Delaware Nurses Association.

INVITED LECTURES: 2019 and earlier

14. Webinar: Spirometry Interpretation (July 2019) American Lung Association Asthma Educator Certification Preparation Webinar for Catholic Health Services Home Care clinicians and staff.
15. Spirometry Screening and Interpretation. (February 2019) In-service for Medical Staff, South Ocean Care LLC, Freeport, New York.
16. Diagnosis, Assessment & Monitoring of Asthma. (July 2018) Health First/American Lung Association Asthma Educator Course, Healthfirst, New York, New York.
17. Spirometry: Overview and Interpretation. (July 2018) Health First/American Lung Association Asthma Educator Course, Healthfirst, New York, New York.
18. Spirometry Screening and Interpretation. (May 2018) In-service for Medical Staff, Maxine Postal Health Center (HRH Care), Amityville, New York.
19. Spirometry Screening and Interpretation. (May 2018) In-service for Medical Staff, Marilyn Shellaberger Health Center (HRH Care), Shirley, New York.
20. Diagnosis, Assessment & Monitoring of Asthma. (December 2017) Health First/American Lung Association Asthma Educator Course, Healthfirst, New York, New York.
21. Spirometry: Overview and Interpretation. (December 2017) Health First/American Lung Association Asthma Educator Course, Healthfirst, New York, New York.
22. Asthma Medication Devices and Demonstration. (August 2017) Health First/American Lung Association Asthma Educator Course, Stony Brook University, Stony Brook, New York
23. Spirometry: Overview and Interpretation. (August 2017) Health First/American Lung Association Asthma Educator Course, Stony Brook University, Stony Brook, New York.
24. Spirometry Screening and Interpretation. (May 2017) In-service for Medical Staff, Elsie Owens Health Center (HRH Care), Coram, New York
25. *E-Cigarettes: Cessation Tool or Enabling Device?* (May 2015). FOCUS Respiratory Care and Sleep Medicine Conference, Orlando Florida

INVITED LECTURES: 2019 and earlier

26. *E-Cigarettes: Cessation Tool or Enabling Device?* (September 2015). Respiratory Care Conference: Emerging Technologies & Concepts 2015, Robert Wood Johnson Hospital, New Brunswick, New Jersey.
27. *E-Cigarettes: Cessation Tool or Enabling Device?* (September 2015). FOCUS Respiratory Care and Sleep Medicine Conference, Albany, New York.
28. *Energy Conservation for the COPD Patient.* (September 2015). FOCUS Respiratory Care and Sleep Medicine Conference, Albany, New York.
29. *Lung Cancer: Can We Breathe Easier? A Screening and Staging Update.* (September 2015). FOCUS Respiratory Care and Sleep Medicine Conference, Albany, New York.
30. *E-Cigarettes: Cessation Tool or Enabling Device?* (October 2015). Medical Grand Rounds, Stony Brook University Hospital Medical Center, Stony Brook, New York.
31. *In Vitro Delivery of Aerosolized Treprostinil via Modern Mechanical Ventilation.* (2014) Stony Brook University, School of Health Technology and Management Research Seminar, Stony Brook, NY.

OTHER LECTURES/PRESENTATIONS/INTERVIEWS

1. *Aerosol Delivery to Patients on Mechanical Ventilation.* RT Magazine (November 2020). Article published in *RT Magazine* on important considerations for aerosol drug delivery during mechanical ventilation.
<https://www.rtmagazine.com/disorders-diseases/critical-care/icu-ventilation/aerosol-delivery-mechanical-ventilation/>
2. *Nicotine Replacement, Tobacco Cessation, Electronic Nicotine Delivery* (2017, 2019-23). Guest lecture presented to students enrolled in HAT 315, Respiratory Care Pharmacology.
3. **Cuccia, A.D.** (2016, November 14). Electronic Cigarettes and Vaping (C. Petraglia, Interviewer) [Video recording].
4. *Introduction to Cardiopulmonary Rehabilitation.* (2010-2020), *Pulmonary Function* (2023). Guest lectures presented annually to students enrolled in HAT 210, Introduction to Respiratory Care course.
5. *Asthma Management.* (2022) Guest lecture presented to students enrolled in HAT 330, Pulmonary Pathology course.
6. *Cardiopulmonary Rehabilitation.* (2010-2020). Guest lecture presented annually to students enrolled in HAT 332, Respiratory Techniques II course.
7. *Patient Education and Disease Management.* (2010-2021). Guest lecture presented annually to students enrolled in HAT 332, Respiratory Techniques II course.

TEACHING ACTIVITIES

STONY BROOK UNIVERSITY RESPIRATORY CARE PROGRAM

HAT 333	Pulmonary Diagnostic Techniques (Lecture and Lab sections) Enrollment: 14-28 per class 3 credits Role: Coordinator and instructor (Lecture and Lab sections)	2022-present
HAT 306	Patient Evaluation (Lecture and Lab sections) Enrollment: 15-32 per class 2 credits Role: Course developer, coordinator, and instructor	2010-2015, 2022-present
HAT 330	Pulmonary Pathology (Lecture) Enrollment: 14-28 per class 3 credits Role: Course developer, coordinator, and instructor	2010-2022
HAT 431	Respiratory Techniques III (Lecture and Lab sections) Enrollment: 14-28 per class 4 credits Role: Course developer, coordinator, and instructor	2010-present

TEACHING ACTIVITIES

STONY BROOK UNIVERSITY RESPIRATORY CARE PROGRAM

HAT 350	Basic Respiratory Care (Clinical Rotation) Enrollment: 14-28 per class 4 credits Role: Course developer, supervising program faculty	2010-2022
HAT 411	Teaching in Respiratory Care (Clinical Rotation) Enrollment: 18-28 per class 4 credits Role: Course developer, supervising program faculty	2013-2022
HAT 450	Critical Care (Clinical Rotation) Enrollment: 14-28 per class 5 credits Role: Course developer, supervising program faculty	2016-2023
HAT 482	Physiologic Monitoring Clinical (Clinical Rotation) Enrollment: 14-28 per class 2 credits Role: Supervising program faculty	2016-2021
HAT 487	Physiologic Monitoring Clinical (Clinical Rotation) Enrollment: 14-28 per class 2 credits Role: Supervising program faculty	2010-2016
BME 203	Course advisor/mentor SBU Biomedical Engineering students BME 203 course	AY 2022-23
EXT 488	Internship Enrollment: 1 2 credits Role: Faculty advisor/mentor for junior student internship.	2012

ADVISING RESPONSIBILITIES

Respiratory Care Program Student Academic Advising

<u>Academic year</u>	<u>Number of Advisees</u>
2024-25	5
2023-24	7
2022-23	9
2021-2022	6
2020-2021	10
2019-2020	9
2018-2019	12
2017-2018	10
2016-2017	8
2015-2016	7
2014-2015	9

SERVICE

UNIVERSITY SERVICE

- Marshal, SHP 2023 Convocation 2023
- Faculty Search Committee: Clinical Assistant Professor, Health Science Department 2023
- SHP Annual Student IPE Event: Facilitator, Planning Committee Member, and RC Dept. Liaison 2022-present
- SBU, SHP New Faculty Mentor 2022-present
- Chair, Respiratory Care Program Administrative Assistant Search Committee 2021
- Chair, Respiratory Care Program Faculty Search Committee 2021
- Chair, Executive Director of Clinical Education Search Committee, SBU SHP Doctorate of Physical Therapy Program 2020
- Stony Brook Medicine Women in Medicine Research Conference Abstract Review and Planning Committees 2019-2022
- Respiratory Care Program Website Revision and Update 2017-2019
- Respiratory Care Program Master's Program and Curriculum Development 2012-present
- Respiratory Care Program – Admitted Students Day 2010-11,2023-4
- Respiratory Care Program Admissions Committee 2010-present
- SBU SHP Assembly Research Committee 2023-present
- SBU SHP Assembly Academic Standing Committee 2022-present
- SBU SHP Assembly, Vice-Chair, Academic Standing Committee 2023-present
- SBU SHP Assembly Bylaws Committee 2010-2021
- SBU SHP Assembly, Chair, Bylaws Committee 2017-2021
- SBU SHP Assembly, Vice-Chair, Bylaws Committee 2012-2017
- SBU SHP Assembly Chair/Co-Chair, Ad-hoc Nominations/Elections Committee 2011-2019
- SBU SHP Faculty Orientation Committee 2010-2011
- Faculty Search Committee, SBU SHP Master's Medical Molecular Biology 2017
- SBU Women's Leadership Conference Steering and Planning Committee 2017
- Alpha Sigma Alpha Sorority Campus Faculty Advisor 2015-2019
- SBU 2015 Converging Science Summit Program Committee & Moderator 2014-2015
- SBU Healthier U Committee – Budget & Programming 2013-2016
- Co-chair, Film Screening: *Addiction Incorporated*. 2013
 - Coordinated film screening and panel discussion for SBU and public as part of SBU tobacco-free education initiative. Film director and investigative reporter in the film participated in panel discussion.
- SBU Graduate Program Public Health Re-Accreditation and Self-Study 2013
- SUNY Tobacco-Free Regional Meeting, Farmingdale State College 2013
- SBU Tobacco-Free Campus Steering/Planning Committee 2012-2014
- HSC Rep Stony Brook University Hospital Tobacco Free Committee 2012-2016
- Health Career Opportunity Program (HCOP) Summer Academy 2012
 - Workshop Facilitator
- NYS Area Health Education Center System (AHEC) Advisory Committee Member 2012-2014
- Reviewer for SHP PA Program Scholarship applicants 2011-2012
- SBU Graduate Program Public Health Curriculum Committee (Student Rep) 2010-2011

SERVICE

PROFESSIONAL SERVICE

- Chair, Aerosol Delivery Clinical Practice Guidelines (AARC) American Association for Respiratory Care 2024-present
- Clinical Reviewer, Cochrane Database of Systematic Reviews 2023-present
- APEX Committee Member and Award Reviewer (AARC) American Association for Respiratory Care 2022-present
- Open Forum Abstract Reviewer 2019-present
 - AARC International Respiratory Convention and Exhibition
- Open Forum Session Moderator 2019, 2024
 - AARC International Respiratory Convention and Exhibition
- Peer-Reviewer, Journal of Aerosol Medicine and Pulmonary Drug Delivery 2019-present
- Peer-Reviewer, Respiratory Care Journal 2013-present
- Peer-Reviewer, CHEST Journal 2024-present
- American College of Respiratory Therapy Education (formerly COBGRTE) 2018-2020
 - Program Committee
- American Lung Association Faculty 2017-present
- American Respiratory Care Foundation, Award Reviewer 2010-2017
- New York State Society for Respiratory Care- NYSSRC
 - Long Island Regional Director 2017-2023
 - Bylaws Committee Chair 2017-2023
 - Prior Positions: Public Relations (Chair), Nominations/Elections, Awards, Publications, Symposium 1991-1996
- Long Island Asthma Coalition Member 2017-2022
- Moderator and Contributing Author for COPD.net & *Asthma.net* Websites 2015-2018

COMMUNITY SERVICE

- American Lung Association, Fight for Air Climb 2017, 2018
- Wounded Warriors East End Soldier Ride Staff/Volunteer 2016-2019
- Better Breathers Club Facilitator, Southampton NY 2014-present
- SBU Learn to Be Tobacco Free Facilitator 2013-present
- Drive For COPD Screening 2013
- Fresh Air Fund Host Family 2011-2016
- Hampton Bays Public Library Board of Trustees, Hampton Bays, NY 2000-2010
- Girl Scouts of Suffolk County, Troop Leader 2008-2017
- Basilica Parish Sacred Hearts of Jesus and Mary, Southampton, NY 2000-2021
 - Director, Youth Lector Ministry; Lector; Eucharistic Minister
 - Committees: Pastoral Planning, Adult Faith Formation

CONTINUING EDUCATION CONFERENCES/COURSES ATTENDED

- ISAM Webinar: Inhaled Amikacin 2024
- QH Seminars: Respiratory Care 2024: Leading Change 2024
- SBU, School of Health Professions: The Alda Healthcare Experience Exploring Whole Person Care 2023
- SBU, School of Health Professions: Is Implicit Bias a Barrier to Healthcare? 2023
- SBU, School of Health Professions: Managing Microaggressions in the Clinical Setting 2023
- SBU, School of Health Professions: Diversity Day Conference 2023
- New York Downstate Association for Respiratory Therapists (NYDARAT) Annual Fall Symposium 2010-2019, 2023
- New York Downstate Association for Respiratory Therapists (NYDARAT) Annual Spring Symposium 2023

CONTINUING EDUCATION CONFERENCES/COURSES ATTENDED

- SBU, School of Health Professions: Recognizing Microaggressions Through Case Studies 2023
- SBU, School of Health Professions: Creating Inclusive Classroom Environments Part I 2022
- SBU: Diversity, Equity, & Inclusion in Experiential Education 2022
- International Society for Aerosols in Medicine (ISAM) Congress 2021
- American Lung Association Asthma Educator Course 2016, 2021
- Stony Brook University BCC Education Series "Introduction to regression Models". 2020
- Stony Brook University Center for Excellence in Learning and Teaching: Fostering Student Engagement with Synchronous Class Sessions Webinar 2020
- Stony Brook University Center for Excellence in Learning & Teaching: Keep Teaching Webinar 2020
- American Association for Respiratory Care (AARC) International Congress 2016-2019,2022
- American Thoracic Society Conference, Dallas 2019
- 16th Annual North Shore University Hospital Respiratory Therapy Conference 2019
- Eliminating Youth Electronic Cigarette Use: The Role for Drug Therapies Public Hearing 2019
- American Association for Respiratory Care Summer Forum for Managers/Educators 2017, 2023
- Cultural Competency Seminar: Implicit Bias and Sexual Misconduct, Stony Brook Univ. 2018
- AARC 64th International Congress PreCourse: *Challenges in Mechanical Ventilation: An Interactive Approach* 2018
- GOLD COPD Care Continuum Conference 2016
- NYS Quitline: *Systems Change to Reduce Tobacco Use in Clinical Settings: The Nuts-and-Bolts* 2016
- Stony Brook University Assessment Symposium 2016
- Stony Brook University Women's Leadership Symposium 2016
- Truth Initiative Webinar: *Youth and Young Adult Tobacco Use Trends: What We Know and What It Means* 2016
- Purdue University: *Rx for Change: Tobacco Cessation in Respiratory Care* 2015
- FOCUS Spring 2015 Conference for Respiratory Therapists and Sleep Technologists 2015
- FDA Center For Tobacco Products: *Electronic Cigarettes and the Public Health.* (2 conferences) 2015
- Smoking Cessation Leadership Center & Truth Initiative: *The Truth About Social Smoking Among Young Adults* 2015
- Webinar: *Electronic Cigarettes: Posing New Challenges for Clinicians* 2014
- Stony Brook Medicine Women in Medicine Research Conference 2014,2018-19,23
- Stony Brook University Converging Science Summit 2013, 2015
- NYS Dept. of Health Webinar, *The Affordable Care Act, Meaningful Use, and Treating Tobacco Use* 2013
- New York Downstate Association for Respiratory Therapists Annual Spring Symposium 2011, 2023-24
- NYS COPD Coalition COPD Summit 2010
- *The Evolution of Tobacco Control and Treatment* 2010
- NYSSRC/NJSRC Annual Managers/Educators Conference 2010, 2017
- Suffolk County *Learn To Be...Tobacco Free* Train the Trainer Program 2010
- Stony Brook University Workshop in Communicating Science 2010