

Christine T. Matthews, CScD, CCC-SLP; BCS-S

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Pittsburgh, PA 15240

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EDUCATION

Doctor of Clinical Science April 2010
Medical Speech-Language Pathology
University of Pittsburgh, Department of Communication Science and Disorders
Pittsburgh, PA

Master of Science June 1999
Speech-Language Pathology
Rush University, Department of Communication Disorders and Science
Chicago, IL

Bachelor of Science May 1997
Speech and Hearing Science
University of Illinois, Department of Speech and Hearing Sciences
Urbana-Champaign, IL

TRAINING EXPERIENCE

VA Pre-Doctoral Fellow 2002 - 2005
VA Pittsburgh Healthcare System, Department of Audiology and Speech Pathology

Clinical Fellow 1999 - 2000
Rush University Medical Center, Department of Otolaryngology, Speech Pathology Section

PROFESSIONAL EXPERIENCE

Service Chief, Audiology and Speech Pathology	<i>VA Pittsburgh Healthcare System</i>	January 2020 - present
Speech Pathology Program Supervisor	<i>VA Pittsburgh Healthcare System</i>	April 2006 – 2020
Advanced Practice Speech Pathologist	<i>VA Pittsburgh Healthcare System</i>	April 2006 - present
Director of Clinical Education	<i>VA Pittsburgh Healthcare System</i>	April 2006 - present
Adjunct Clinical Faculty	<i>University of Pittsburgh, Dept. of Communication Science and Disorders</i>	2015 – present
Adjunct Clinical Instructor Clinical Supervisor	<i>University of Pittsburgh, Dept. of Communication Science and Disorders</i>	2006 – 2015

Senior Speech Pathologist	<i>Advocate Christ Medical Center, Chicago, IL</i>	May 2005 – March 2006
Speech Pathologist, per-diem	<i>University of Pittsburgh Medical Center</i>	January 2003 – April 2005
Adjunct Faculty Instructor	<i>Duquesne University, Dept. of Speech Pathology</i>	Fall 2004; 2020 - 2021
Instructor	<i>Rush University</i>	Fall 2000 – Summer 2002
Clinical Supervisor	<i>Rush University Medical Center</i>	Fall 2000 – Summer 2002
Speech Pathologist	<i>Rush University Medical Center</i>	May 2000 – August 2002

TEACHING EXPERIENCE

Duquesne University SLP 550 Dysphagia		2020 - 2021
University of Pittsburgh CSD 2065 Network Clinical Instructor		2006 – present
University of Pittsburgh CSD 2520 Mentored Clinical Internship		2012 - 2016
University of Pittsburgh Guest Lecturer CSD 2033 Motor Speech Disorders		2013 – 2015
University of Pittsburgh Guest Lecturer CSD 2500 Medical Speech Pathology		2012 – present
Duquesne University SLP 525 Motor Speech Disorders		Fall 2004

PROFESSIONAL LICENSURE AND CERTIFICATION

Pennsylvania State Licensure in Speech-Language Pathology # SL007227	2002 - present
Illinois State Licensure in Speech-Language Pathology	2000 - 2013
American Board of Swallowing and Swallowing Disorders Board Certified Swallowing Disorders Specialist (BCS-S)	2015 - present
American Speech-Language Hearing Association Certificate of Clinical Competence Certification # 12028197	2000 - present

PROFESSIONAL MEMBERSHIPS

American Board of Swallowing and Swallowing Disorders	2014 - present
Member, ASHA Special Interest Group 13 (Swallowing and Swallowing Disorders)	2008 - present
Association of VA Speech-Language Pathologists	2006 - present

American Speech-Language Hearing Association 1997 - present

PROFESSIONAL SERVICE (*Service to VHA National Program Office)

*Co-Chair, VHA Audiology and Speech Pathology Leadership Mentoring Program	2022
*Program Chair, Virtual Advanced Complex Surgical Airway Management Case Study Series	2022
*Program Chair, A Virtual Interprofessional Practice Series: Updates in Management of Complex Surgical Airways	2021
*Chair, National Speech Pathology Scope of Practice Committee	2021
*Chair, National Speech Pathology Peer Review Committee	2021
*Member, Federal Supremacy National Scope of Practice Workgroup	2021- present
REC-ICC VISN 4 Audiology and Speech Pathology Representative	2020 - present
VA Pittsburgh Healthcare System Root Cause Analysis (RCA) Committee	2019
*Member, VHA Speech Pathology National Outcome Measures Committee	2018 – 2020
*Consultant, Electronic Healthcare Record Committee	2018 – present
VA Modernization Initiative	
*Member, VA Telehealth Mentoring Committee	2018 - present
Chair, VA Pittsburgh Healthcare System Surgical Airway Committee	2017 - 2020
*Chair, National VA Joint Audiology and Speech Pathology Field Advisory Council	2016 - present
*Member, National VA Speech Pathology Field Advisory Council	2014 - present
*Chair, VHA Clinical Practice Recommendations for Managing Swallowing and Communication in Patients with Tracheostomies On and Off the Ventilator	2014 - 2016
*Chair, High Risk Aspiration Task Force	2013 - 2014
*Member, VHA Fluoroscopy Safety Task Force	2013
*Member, VHA Dysphagia Committee	2011 - 2015
Member, Association of VA Speech Language Pathologist National Meeting Program Committee	2013
*Co-Chair, Tracheostomy/Ventilator SharePoint Committee:	2012
Project of the VA Field Advisory Council	
Member, VA New Service Chief Training Program	2011 -2012
Member, Clinical Doctorate Curriculum Committee:	2010 - present
University of Pittsburgh - Department of Communication Science and Disorders	
Member, VAPHS Stroke Care Committee	2009 - present

EDITORIAL CONSULTATION

Ad-hoc Reviewer, <i>Archives of Physical Medicine and Rehabilitation</i>	2020 - present
Reviewer, American Speech Language Hearing Association	2020
National Conference Program, <i>Models of Academic and Clinical Education</i>	
Ad-hoc Reviewer, <i>Journal of Speech, Language, Hearing Research</i>	2019 - present
Ad-hoc Reviewer, <i>Dysphagia</i>	2018 - present
Ad-hoc Reviewer, <i>International Journal of Speech-Language Pathology</i>	2011 - present
Reviewer, American Speech Language Hearing Association	2011; 2016

National Conference Program, *Adult Language Disorders*
 Reviewer, American Speech Language Hearing Association 2015
 National Conference Program, *Dysphagia*

HONORS AND AWARDS

Chief of Staff Clinical Excellence Award	2022
ASHA Award for Continuing Education (ACE)	2020
ASHA Award for Continuing Education (ACE)	2018
ASHA Award for Continuing Education (ACE)	2016
Association of VA Speech Pathologists Rick L. Bollinger Clinician of the Year Award	2015
ASHA Award for Continuing Education (ACE)	2014
ASHA Award for Continuing Education (ACE)	2010
NIDCD New Investigator Travel Fellowship	2004
NIDCD New Investigator Travel Fellowship	2003
VA Pre-Doctoral Training Fellowship	2002-2005

PUBLICATIONS

1. PEER-REVIEWED ARTICLES

- Matthews, C.T.**, Eichhorn, K.E., Murray, J., Bedore, B., Occhipinti, L. (in preparation). Towards developing clinical practice recommendations for managing the swallowing and communication impairments in adults with tracheostomies: What is the evidence for current clinical practice models?
- Doyle, P.J., **Matthews, C.T.**, Mikolic, J.M., Hula, W.D., McNeil, M.R. (2006). Do measures of language impairment predict patient-reported communication difficulty and associated psychological distress as measured by the Burden of Stroke Scale. *Aphasiology*, 20, 349-361.
- McNeil, M.R., **Matthews, C.T.**, Hula, W.D., Doyle, P.J., Fossett, T.R.D. (2006). Effects of visual-manual tracking under dual task conditions on auditory language comprehension and story retelling in persons with aphasia. *Aphasiology*, 20, 1-8.
- Doyle, P.J., Hula, W.D., McNeil, M.R., Mikolic, J.M., **Matthews, C.T.** (2005). An application of Rasch analysis to the measurement of communicative functioning. *Journal of Speech-Language and Hearing Research*, 48, 1412-1428.
- McNeil, M.R., Hageman, C.F., **Matthews, C.T.** (2005). Auditory processing deficits in aphasia evidenced on the Revised Token Test: Incidence and prediction of across subtest and across item within subtest patterns. *Aphasiology*, 19(2), 179-198..
- McNeil, M.R., **Matthews, C.T.**, Hula, W.D., Doyle, P.J., Rubinsky, H.J., Fossett, T.R.D. (2005). A dual-task tool for quantifying normal comprehension of aphasic connected speech production: A constructive replication. *Aphasiology*, 19, 473-484
- McNeil, M.R., Hula, W.D., **Matthews, C.T.**, Doyle, P.J., Fossett, T.R.D. (2004). Auditory comprehension and visual-manual tracking dual-task performance in aphasia: Preliminary findings. *Brain and Language*, 91(1), 31-32.
- McNeil, M.R., Hula, W.D., **Matthews, C.T.**, Doyle, P.J. (2004). Resource theory and aphasia: A fugacious theoretical dismissal. *Aphasiology*, 18, 836-839.

McNeil, M.R., Doyle, P.J., Hula, W.D., Rubinsky, H.J., Fossett, T.R.D., **Matthews, C.T.** (2004). Using resource allocation theory and dual-task methods to increase the sensitivity of auditory comprehension assessment in aphasia. *Aphasiology*, 18(5-7), 521-542.

2. INVITED PUBLISHED PAPERS AND BOOK CHAPTERS

Matthews, C.T. & Coyle, J.L. (2010, May 18). Reducing pneumonia risk factors in patients with dysphagia who have a tracheotomy: What role can SLPs play? Online Exclusive. *The ASHA Leader*.

Coyle, J.L. & **Matthews, C.T.** (2010, May 18). A dilemma in dysphagia management: Is aspiration pneumonia the chicken or the egg? *The ASHA Leader*.

Matthews, C.T. & Leslie, P. (2009). Does this house believe in neuromuscular electrical stimulation? *Speech and Language Therapy In Practice, Spring 2009*, p. 16-18.

Matthews, C.T. & Zraick, R. (2009). Wilson's Disease. In M.R. McNeil (Ed.), *Clinical management of sensorimotor speech disorders, Second edition*. New York, Theime. p. 444.

Matthews, C.T. (2009). Progressive Supranuclear Palsy. In M.R. McNeil (Ed.), *Clinical management of sensorimotor speech disorders, Second edition*. New York, Theime. p. 385.

3. PEER-REVIEWED ABSTRACTS

Matthews, C.T., Hula, W.D., Fossett, T.R.D., Doyle, P.J., McNeil, M.R. (2005). Auditory comprehension and visual-manual tracking dual-task performance in aphasia: Preliminary findings. Presented at the 35th Clinical Aphasiology Conference, Sanibel Island, FL.

Doyle, P.J., **Matthews, C.T.**, Mikolic, J.M., McNeil, M.R., Hula, W.D. (2005). Three-month SPICA and 55-Item RTT scores did not predict 12-month patient-reported communication difficulty and distress. Presented at the 35th Clinical Aphasiology Conference, Sanibel Island, FL.

McNeil, M.R., Hula, W.D., **Matthews, C.T.**, Doyle, P.J., Fossett, T.R.D. (2004). Auditory comprehension and visual-manual tracking dual-task performance in aphasia: Preliminary findings. Presented at the 42nd Annual Meeting of Academy of Aphasia, Chicago, IL.

Matthews, C.T., McNeil, M.R., Hula, W.D., Rubinsky, H.R., Fossett, T.R.D., Doyle, P.J. (2004). A dual-task tool for quantifying normal comprehension of aphasic connected speech production: A constructive replication. Presented at the 34th Clinical Aphasiology Conference, Park City, UT.

Doyle, P.J., Hula, W.D., McNeil, M.R., Mikolic, J.M., **Matthews, C.T.** (2004). Rasch measurement of patient-reported communicative functioning: Initial development of an item bank. Presented at the 34th Clinical Aphasiology Conference, Park City, UT.

Matthews, C.T., McNeil, M.R., Doyle, P.J., Rubinsky, H.R., Fossett, T.R.D., Hula, W.D. (2003). The Story Retell Procedure: Validating different severity levels in aphasic story retells. Presented at the 33rd Clinical Aphasiology Conference, Orcas Island, WA.

INVITED PRESENTATIONS

- Matthews, C.T.** (2022). Surgical Airway Considerations When Performing Transnasal Flexible Endoscopy. Endoscopic Examination Swallow Functions Expanding Best-Practices Training, San Antonio, TX.
- Matthews, C.T.** (2021). Airway Teams: Do they really matter? A Virtual Interprofessional Practice Series: Updates in Management of Complex Surgical Airways, National VHA – University of Pittsburgh School of Medicine – ATOS Medical Collaborative.
- Matthews, C.T.** and Musson, N. (2021). VA Central Office and FAC Update. Association of VA Speech Language Pathology Virtual Conference.
- Matthews, C.T.** (2021). What Is the Importance of Interdisciplinary Team Management of Patients with Surgical Airways? University of Pittsburgh Department of Communication Science and Disorders Research Round Table Series.
- Matthews, C.T.** (2021). Utilizing Outcome Measure in Clinical Practice. VHA National Clinical Forum Web Series.
- Matthews, C.T.** (2020). Clinical Practice Recommendations for Managing Communication and Swallowing Impairments in Patients with Tracheostomies. Pennsylvania Speech and Hearing Association 2020 Convention Web Series.
- Matthews, C.T.** (2020). Interdisciplinary Management of Patients with Surgical Airways. VHA National Clinical Forum Web Series.
- Matthews, C.T.** (2019). Clinical Management of Surgical Airway Patients – Do Interdisciplinary Tracheostomy Teams Make a Difference. University of Pittsburgh Medical Center Department of Otolaryngology Dysphagia Grand Rounds, Pittsburgh, PA.
- Matthews, C.T.** (2019). Dysphagia Assessment and Treatment via Telepractice: What has VHA learned so far? Trends, usage, and results. VHA Audiology and Speech Pathology Webinar Series.
- Evangelista, L., Starmer, H., Blumenfeld, L., Andrews, T., Steele, E., and **Matthews, C.T.**, (2018). I Know What You Did Last Prosthesis: Managing Difficult TEP Cases. American Speech Language Hearing Association Annual Convention, Boston, MA.
- Matthews, C.T.** and Appelbaum, L.A. (2018). Managing Complex Surgical Airways. VAPHS 11th Annual Best Practice Workshop, Pittsburgh, PA.
- Matthews, C.T.** (2018). Evaluating Swallow Function via Telehealth in the VA. Expanding Telehealth for Audiology and Speech Pathology Services, Orlando, FL.
- Matthews, C.T.** (2018). Challenges in Managing Complex Surgical Airways. Geriatric Research Education and Clinical Center (GRECC) Webinar Series.
- Matthews, C.T.** (2018). Surgical Airways: What Every Critical Care Nurse Needs to Know. VAPHS Nursing Education Conference, Pittsburgh, PA.
- Matthews, C.T.** (2018). Challenges in Managing Complex Surgical Airways. Association of Veterans Affairs Speech-Language Pathologists 2018 National Conference, New Orleans, LA.
- Matthews, C.T.**, Eichhorn, K.A., Murray, J.T. (2017). Development of Clinical Practice Recommendations for Managing Communication and Swallowing Impairments in Patients with Tracheostomies, 2017 American Speech Language Hearing Association Annual Convention, Los Angeles, CA

- Matthews, C.T.** (2016). Speech Pathology in VHA, 2016 University of Pittsburgh School of Health and Rehabilitation Sciences Open House, Pittsburgh, PA.
- Matthews, C.T.** (2016). The Development of Clinical Practice Recommendations for Managing Communication and Swallowing Impairments in Patients with Tracheostomies, VHA Online Speech Pathology Clinical Forum.
- Matthews, C.T.** (2016). Developing Clinical Practice Recommendations for Managing Communication and Swallowing Impairments in Patients with Tracheostomies, 2016 AVASLP Annual Conference, Austin, TX.
- Matthews, C.T.** (2016). Dysphagia Grand Rounds: Impact of Tracheostomies on Swallow Function, 2016 AVASLP Annual Conference, Austin, TX.
- Matthews, C.T.** (2016). The Development of Clinical Practice Recommendations: Managing Communication and Swallowing Impairments in Patients with Tracheostomies On and Off the Ventilator, VAPHS Geriatric Research, Education, and Clinical Center, Pittsburgh PA.
- Matthews, C.T.** (2016). Clinical and Research Journeys in Speech Pathology, Duquesne University Research Topics, Pittsburgh, PA.
- Matthews, C.T.** (2015). Tracheostomy Tubes: Swallow Function and Pathway to Decannulation. VA National Dysphagia Management Conference. Orlando, FL
- Matthews, C.T.** (2014). Dysphagia in the Elderly: Considerations for Optimizing Care. VA Pittsburgh Healthcare System's Geriatric Research, Education, and Clinical Center Noon Lecture Series, Pittsburgh, PA.
- Matthews, C.T.** (2014). Understanding Tracheostomy Tubes. Advanced Practice Skill: Management for Adults with Tracheostomy and Ventilator. Minneapolis, MN
- Matthews, C.T.** (2014). Understanding Tracheostomy Tubes. Advanced Practice Skill: Management for Adults with Tracheostomy and Ventilator. Pittsburgh, PA
- Matthews, C.T.** (2014). Reconsidering the Oral Mechanism Exam. Advanced Topics in Total Laryngectomy, Baltimore, MD
- Matthews, C.T.** (2013). GERD: Voice Prosthesis Life, Fistula, and Granulation. Advanced Topics in Total Laryngectomy: Re-Evaluating Swallowing & Voice in an Era of Organ Preservation, Chicago, IL.
- Matthews, C.T.** (2013). In the Beginning: Reconsidering the Oral Mechanism Exam. Advanced Topics in Total Laryngectomy: Re-Evaluating Swallowing & Voice in an Era of Organ Preservation, Chicago, IL
- Matthews, C.T.** (2012). The Aged swallow: parsing normal age-related changes from a disordered swallow. University of Pittsburgh Medical Center, Pittsburgh, PA.
- Matthews, C.T.** (2012). What is the clinical doctorate in medical speech-language pathology? Duquesne University Research Topics, Pittsburgh, PA.
- Matthews, C.T.** (2011). Anterior Cervical Disc Surgery and Associated Post-Operative Dysphagia. University of Pittsburgh Medical Center, Pittsburgh, PA.
- Matthews, C.T.** (2011). Dysphagia in the Frail Elderly: Considerations for Healthcare Professionals. VA Pittsburgh Healthcare System's Geriatric Research, Education, and Clinical Center Noon Lecture Series, Pittsburgh, PA.
- Procaccini, S., **Matthews, C.T.**, Leslie, P. (2010). Gastrostomy feeding: tough decision? 2010 American Speech Language Hearing Association Convention, Philadelphia, PA.

- Matthews, C.T.** (2010). The Pittsburgh intensive residential aphasia treatment and education (PIRATE) program: Initial experiences. 2010 AVASLP Annual Conference, Orlando, FL.
- Matthews, C.T.** and Eichhorn, K.E. (2010). Managing speech and swallowing in patients with tracheostomy tubes. 2010 AVASLP Annual Conference, Orlando, FL.
- Matthews, C.T.** (2009). Managing speech and swallowing in patients with tracheostomies on/off the ventilator. 2009 AVASLP Annual Conference, Pittsburgh, PA.
- Messick, C. and **Matthews, C.T.** (2009). Ruminations on clinical education in speech-language pathology in the new millenium. 2009 AVASLP Annual Conference, Pittsburgh, PA.
- Matthews, C.T.**, Hula, W.D., Fossett, T.R.D., Doyle, P.J., McNeil, M.R. (2005). Auditory comprehension and visual-manual tracking dual-task performance in aphasia: Preliminary findings. Presented at the 35th Clinical Aphasiology Conference, Sanibel Island, FL.
- Matthews, C.T.**, McNeil, M.R., Hula, W.D., Rubinsky, H.R., Fossett, T.R.D., Doyle, P.J. (2004). A dual-task tool for quantifying normal comprehension of aphasic connected speech production: A constructive replication. Presented at the 34th Clinical Aphasiology Conference, Park City, UT.
- Matthews, C.T.**, McNeil, M.R., Doyle, P.J., Rubinsky, H.R., Fossett, T.R.D., Hula, W.D. (2003). The Story Retell Procedure: Validating different severity levels in aphasic story retells. Presented at the 33rd Clinical Aphasiology Conference, Orcas Island, WA.

STUDENT MENTORING

Doctoral Level:

- CScD Comprehensive Exam Committee: Jolene Lawton 2019
CScD Comprehensive Exam Committee: Annette Askren 2018
CScD Comprehensive Exam Committee: Marnie Kershner 2016
BCS-S Mentor: Marnie Kershner 2017
CScD Plan of Study Committee Member: various CScD students 2012 - 2016

CScD Clinical Mentoring:

- Abrar Alduraibi 2012
- Towino Paramby 2013
- Jennifer Pusins 2014
- Traci Akiki 2014
- Marnie Kershner 2015

VHA Office of Academic Affiliations Clinical Doctoral Traineeship Primary Mentor:

- Abrar Alduraibi
- Kendra McAlear
- Traci Akiki
- Annette Askren
- Jolene Lawton

VHA Office of Academic Affiliations Clinical Fellowship Trainees:

Oversaw the clinical supervision for certification and licensure requirements for **70** post-master's degree speech pathologists since 2006

Master's Thesis Committee: Lindsay Rozynek 2019

RESEARCH FUNDING

Matthews, C.T. (PI), Hula, W.D. (PI) (2021). *The Effects of Interdisciplinary Surgical Airway Team Management on Tracheostomy Outcome*. VAPHS R&D GRECC Pilot Project. \$25,000.

McNeil, M.R. (PI) & Doyle, P.J. (PI) (2003-2006). *Cognitive and Linguistic Mechanisms of Language Performance in Aphasia*. VARR&D Merit Review Project. \$500,800. Role on Project: pre-doctoral research associate.