

LAKSHMI KOLLARA SUNIL

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EDUCATION

- 2012-2016 **PhD**, East Carolina University, North Carolina; Department of Communication Sciences & Disorders. Dissertation: *Variations in Craniofacial and Velopharyngeal Structures among Individuals with 22q11.2 Deletion Syndrome* (Advisor: Jamie Perry, PhD)
- 2011-2015 **MS**, East Carolina University, North Carolina; Department of Communication Sciences & Disorders
- 2007-2011 **BS**, Dr. S. R. Chandrasekhar Institute of Speech and Hearing, Bangalore University, India

EMPLOYMENT HISTORY

- 2019-present Assistant Professor, School of Communication Sciences and Disorders, College of Health Professions and Sciences, University of Central Florida, Orlando, FL
- 2017-2019 Assistant Professor, Department of Clinical Health Sciences, Texas A&M University – Kingsville, TX
- 2016-2017 Postdoctoral Scholar, NIDCD R21: MRI-based modeling to understand anatomical basis of velopharyngeal dysfunction, PIs- Dr. Jamie Perry (East Carolina University) and Dr. Silvia Blemker (University of Virginia), Department of Communication Sciences and Disorders, East Carolina University, Greenville, NC
- 2016-2017 Clinical Fellow-Speech Language Pathology, Careworks, Greenville, NC
- 2011-2016 Graduate Research Assistant, Cleft Palate Speech Imaging and Visualization Lab at East Carolina University, East Carolina University

CERTIFICATION AND LICENSURE

2020-present	Licensure, Speech-Language Pathology, Florida, Department of Health
2018-2020	Licensure, Speech-Language Pathology, Texas, Department of Licensing and Regulation
2017-present	ASHA Certificate of Clinical Competence in Speech-Language Pathology, American Speech-Language-Hearing Association
2017-2019	Licensure, Speech-Language Pathology, State of North Carolina, Department of Professional Regulation
2013	Fiberoptic Endoscopic Evaluation of Swallowing (FEES) certified

PUBLICATIONS (PEER-REVIEWED)

Kollara L, Baylis AL, Kirschner RE, Bates DG, Smith M, Fang X, Perry JL (2021). Interaction of the Craniofacial Complex and Velopharyngeal Musculature on Speech Resonance in Children with 22q11.2 Deletion Syndrome: An MRI Analysis. *Journal of Plastic, Reconstructive & Aesthetic Surgery*, 74(1):174-182. doi: 10.1016/j.bjps.2020.08.005.

Haenssler A, Baylis AL, Perry JL, **Kollara L**, Fang X, Kirschner RE (2020). Impact of Cranial Base Abnormalities on Cerebellar Volume and the Velopharynx in 22q11.2 Deletion Syndrome. *Cleft Palate-Craniofacial Journal*, 57(4):412-419. doi: 10.1177/1055665619874175.

Perry JL, Kotlarek KJ, Spoloric K, Baylis A, **Kollara L**, Grischkan JM, Kirschner R, Bates DG, Smith M, Findlen U (2020). Differences in the Tensor Veli Palatini Muscle and Hearing Status in Children with and Without 22q11.2 Deletion Syndrome. *Cleft Palate-Craniofacial Journal*, 57(3):302-309. doi: 10.1177/1055665619869142.

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (2019). Velopharyngeal Structural and Muscle Variations in Children with 22q11.2 Deletion Syndrome: An Unsedated MRI Study. *Cleft Palate-Craniofacial Journal*, 56(9):1139-1148. doi: 10.1177/1055665619851660.

Perry J, **Kollara L**, Sutton B, Kuehn D, Fang X (2019). Growth effects on Velopharyngeal Anatomy from Childhood to Adulthood. *Journal of Speech, Language, and Hearing Research*, 62(3):682-692. doi: 10.1044/2018_JSLHR-S-18-0016.

Schenck GC, Perry JL, **Kollara L**, Kuehn DP (2018). Effects of Surgical Intervention and Continuous Positive Airway Pressure (CPAP) Therapy on Velopharyngeal Structure and Function: A Single Case Report. *Cleft Palate-Craniofacial Journal*, 56(4):525-533. doi: 10.1177/1055665618787688.

Pua E, Holt Y, **Kollara L**, Rangarathnam B, Fang X, Perry JL. (2018). Evaluating Nasalance Values among Bilingual Mandarin-English Speakers. *Cleft Palate-Craniofacial Journal*, 56(4):462-470. doi: 10.1177/1055665618791942.

Perry JL, **Kollara L**, Kuehn DP, Sutton BP, Fang X (2018). Examining Age, Sex, and Race Characteristics of Velopharyngeal Structures in 4- to 9-Year-Old Children Using Magnetic Resonance Imaging. *Cleft Palate-Craniofacial Journal*, 55(1): 21-34. doi: 10.1177/1055665617718549

Kollara L, Schenck GC, Perry JL, Jaskolka M (2017). Examining a new method to studying velopharyngeal structures in a child with 22q11.2 DS. *Journal of Speech, Language, and Hearing Research*, 60(4):892-896. doi: 10.1044/2016_JSLHR-S-16-0084.

Kollara L, Perry JL, Hudson S (2016). Racial variations in velopharyngeal and craniometric morphology in children: An imaging study. *Journal of Speech, Language, and Hearing Research*, 59(1):27-38. doi: 10.1044/2015_JSLHR-S-14-0236.

Rahimian P, Perry JL, **Kollara L**, Tabrizi N (2016). Using synchronized audio mapping to track and predict velar and pharyngeal wall locations during dynamic MRI sequences. *International Journal of Speech-Language Pathology*, 4(1): 1-10.

Broadwell K, Perry JL, **Kollara L**, Nyswonger J (2015). Aerodynamic speech characteristics in upright and supine positions. *Contemporary Issues in Communication Science and Disorder*, 42, 173-181.

Kollara L, Perry JL (2014). The effects of gravity on the velopharyngeal structures in children using upright magnetic resonance imaging. *Cleft Palate-Craniofacial Journal*, 51(06), 669-676. doi: 10.1597/13-107.

INVITED PUBLICATIONS

Kollara L, Schenck G, Perry JL (2014). Continuous positive airway pressure (CPAP) therapy for the treatment of hypernasality: A single subject case study. *ASHA SIG 5 Perspectives on Speech Science and Orofacial Disorders*, 24(02), 48-58.

PUBLICATIONS (SUBMITTED FOR REVIEW OR IN PREPARATION)

Kollara L, Perry JL, Kirschner R, Fang X, Baylis A (in prep). Functional Variations of the Velopharyngeal Mechanism in Children with 22q11.2DS.

Pelland CM, **Kollara L**, Baylis AL, Perry JL, Blemker SS (in prep). The Effect of Anatomical Variability on Velopharyngeal Closure in Children with 22q11.2 Deletion Syndrome.

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (in prep). Morphological Variations of the Levator Veli Palatini Muscle in Children with 22q11.2DS.

PUBLISHED PEER REVIEWED ABSTRACTS

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (2021). Morphometric Assessment of the Levator Veli Palatini Muscle in 22q11.2DS Using 3D MRI. *Cleft Palate-Craniofacial Journal*, 58(4S),114.

Kollara L, Perry JL, Kirschner R, Bates G, Smith M, Fang X, Baylis A (2021). MRI Evaluation of Functional Variations of the Levator Veli Palatini Muscle and Velum in 22q11.2 Deletion Syndrome. *Cleft Palate-Craniofacial Journal*, 58(4S),4.

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (2020). Morphological Variations of the Levator Veli Palatini Muscle in Children with 22q11.2DS. *Cleft Palate-Craniofacial Journal*, 57(4S),13.

Kollara L, Perry JL, Kirschner R, Bates G, Smith M, Fang X, Baylis A (2020). Functional Variations of the Velopharyngeal Mechanism in Children with 22q11.2DS. *Cleft Palate-Craniofacial Journal*, 57(4S),108.

Perry JL, **Kollara L**, Kotlarek K, Spoloric K, Bates D, Kirschener R, Smith M, Grischkan J, Findlen U, Baylis A (2019). Differences in Tensor Veli Palatini Between Children with and Without 22q11.2 DS Using 3D MRI. *Cleft Palate-Craniofacial Journal*, 56(1S),49-50

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (2019). Effects of the Craniofacial Complex and Velopharyngeal Musculature on Speech Resonance in 22q11.2 Deletion Syndrome. *Cleft Palate-Craniofacial Journal*, 56(1S),52

Haenssler A, Baylis A, Perry JL, **Kollara L**, Fang X, Kirschner R (2019). Analysis of the Impact of Cranial Base Abnormalities on Cerebellar Volume and Velopharyngeal Variables Related to Speech in 22q11.2 Deletion Syndrome. *Cleft Palate-Craniofacial Journal*, 56(1S),89

Pua E, Perry J, **Kollara L**, Holt Y, Rangarathnam B, Fang X (2018). Assessing the Nasalance of Native Mandarin Speakers in Mandarin & English. *Cleft Palate-Craniofacial Journal*, 55 (1S), 44

Kollara L, Pelland C, Blemker S, Perry J (2017). A mathematical model of closure biomechanics predicts resonance ratings among children with 22q11.2 deletion syndrome. *Cleft Palate-Craniofacial Journal*, 54 (03), e32-33.

Pelland C, **Kollara L**, Perry J, Blemker S (2017). Which velar and muscle parameters most influence closure biomechanics in 22q11.2 DS? *Cleft Palate-Craniofacial Journal*, 54 (03), e68.

Kollara L, Baylis A, Kirschner R, Bates DG, Smith M, Fang X, Perry J (2017). An innovative, non-sedated MRI protocol to assess velopharyngeal variations in children with 22q11.2 deletion syndrome. *Cleft Palate-Craniofacial Journal*, 54 (03), e69-70.

Pelland C, Tran T, **Kollara L**, Lin K, Perry J, Blemker S (2017). A three-dimensional subject specific computational model of VPD represents velar movements and LVP function during hypernasal speech. *Cleft Palate-Craniofacial Journal*, 54 (03), e73.

Kollara L, Perry JL, Fang X (2015). Extravelar and intravelar morphology of the levator veli palatini: implications for cleft palate speech. Conference Proceedings: *Cleft Palate-Craniofacial Journal*, e125

Perry JL, Schenck G, **Kollara L**, Mason K, Kuehn DP, Sutton BP (2015). How does dynamic MRI compare to nasendoscopy for the study of velopharyngeal function? Conference Proceedings: *Cleft Palate-Craniofacial Journal*, e124

Perry JL, **Kollara L**, Schenck G, Fang X, Kuehn DP, Sutton BP (2015). Pre and post-pubertal changes: the effect of growth on the velopharyngeal anatomy. Conference Proceedings: *Cleft Palate-Craniofacial Journal*, e116

PEER REVIEWED SCHOLARLY PRESENTATIONS (International, State, & Regional; Underline represents mentored student)

Kollara L, Perry JL, Kirschner R, Fang X, Baylis A (2021). MRI Evaluation of Functional Variations of the Levator Veli Palatini Muscle and Velum in 22q11.2 Deletion Syndrome. American Cleft Palate-Craniofacial Association (ACPA) Conference; Virtual (due to Covid-19).

Kollara L, Baylis A, Kirschner R, Perry JL (2021). Morphometric Assessment of the Levator Veli Palatini Muscle in 22q11.2DS Using 3D MRI. American Cleft Palate-Craniofacial Association (ACPA) Conference; Virtual (due to Covid-19).

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Perry JL (November 2020). Asymmetry of Velopharyngeal Structures in 22q11.2 Deletion Syndrome. American Speech-Language-Hearing Association (ASHA) Annual Convention; San Diego, CA. *Convention cancelled due to Covid-19.

Kollara L, Perry JL, Kirschner R, Bates G, Smith M, Fang X, Baylis A (April 2020). Functional Variations of the Velopharyngeal Mechanism in Children with 22q11.2DS. American Cleft Palate-Craniofacial Association (ACPA) Conference; Portland, OR. *Conference cancelled due to Covid-19.

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (April 2020). Morphological Variations of the Levator Veli Palatini Muscle in Children with 22q11.2DS. American Cleft Palate-Craniofacial Association (ACPA) Conference; Portland, OR. *Conference cancelled due to Covid-19.

Kollara L, Schenck G (November 2019). How to Establish Translational Research Collaborations: Strategies for Junior Faculty and Practicing Clinicians. Technical research session at American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL.

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (November 2019). Morphological Analysis of the Levator Veli Palatini Muscle in 22q11.2DS. American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL.

Kollara L, Perry JL, Kirschner R, Bates G, Smith M, Fang X, Baylis A (November 2019). Assessment of the Levator Veli Palatini Muscle at Rest & During Contraction in 22q11.2DS. American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL.

Barry R, Rangarathnam B, **Kollara L** (November 2019). Vocal Cord Dysfunction: A Comprehensive Review and Personal Narrative. American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL.

Casillas T, Kotlarek K, Haenssler A, Baylis A, **Kollara L**, Findlen U, Grischkan J, Bates DG, Smith M, Kirschner R, Perry JL (November 2019). Comparison of the Levator Veli Palatini & Tensor Veli Palatini Muscle Morphology in 22q11.2 DS. American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL. * **Awarded meritorious poster**

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (April 2019). Effects of the Craniofacial Complex and Velopharyngeal Musculature on Speech Resonance in 22q11.2 Deletion Syndrome. American Cleft Palate-Craniofacial Association (ACPA) Conference; Tucson, AZ.

Perry JL, **Kollara L**, Kotlarek K, Haenssler A, Baylis A, Kirschner R, Findlen U, Grishken J (April 2019). Differences in Tensor Veli Palatini between Children with 22q11.2 DS Using 3D MRI. American Cleft Palate-Craniofacial Association (ACPA) Conference; Tucson, AZ.

Haenssler A, Baylis A, **Kollara L**, Perry JL, Kirschner R (April 2019). Analysis of the Impact of Cranial Base Abnormalities on Cerebellar Volume and Velopharyngeal Variables Related to Speech in 22q11.2 Deletion Syndrome. American Cleft Palate-Craniofacial Association (ACPA) Conference; Tucson, AZ.

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (November 2018). Effects of the Craniofacial Complex & Velopharyngeal Musculature on Speech Resonance in 22q11.2 Deletion Syndrome. American Speech-Language-Hearing Association (ASHA) Annual Convention; Boston, MA.

Cantu C, **Kollara L** (November 2018). A Comparative Analyses of Psychosocial & Velopharyngeal Insufficiency Scales across the Cleft Lip/Palate Population. American Speech-Language-Hearing Association (ASHA) Annual Convention; Boston, MA.

Haenssler A, Baylis A, Kirschner R, **Kollara L**, Perry JL (November 2018). The Interaction of Cranial Base Features, Cerebellar Volume, & Velopharyngeal Structures

in 22q11.2 Deletion Syndrome. American Speech-Language-Hearing Association (ASHA) Annual Convention; Boston, MA.

Spoloric K, Kotlarek K, **Kollara L**, Perry J, Baylis A, Kirschner R, Bates DG, Smith M (November 2018). Differences in Tensor Veli Palatini between Children with & Without 22q11.2 DS Using 3D MRI. American Speech-Language-Hearing Association (ASHA) Annual Convention; Boston, MA.

Haenssler A, Kirschner R, **Kollara L**, Fang X, Perry JL, Baylis A (September 2018). Impact of Cranial Base Abnormalities on Cerebellar Volume and Velopharyngeal Variables Related to Speech in 22q11.2 Deletion Syndrome. Presentation at the **2nd International Symposium on Velopharyngeal Dysfunction, Columbus, OH.**

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Perry JL (July 2018). Velopharyngeal Structural and Muscle Variations in Children with 22q11.2 Deletion Syndrome. Presentation at the **Biennial International 22q11.2 Conference; Whistler, BC, Canada. * Highest scoring poster category**

Haenssler A, Baylis A, Kirschner R, **Kollara L**, Perry JL (July 2018). Analysis of the Impact of Cranial Base Abnormalities on Cerebellar Volume and Velopharyngeal Variables Related to Speech in 22q11.2 Deletion Syndrome. Presentation at the **Biennial International 22q11.2 Conference; Whistler, BC, Canada.**

Pua E, Holt Y, **Kollara L**, Rangarathnam B, Fang X, Perry J (April 2018). Assessing the Nasalance of Native Mandarin Speakers in Mandarin & English. Presented at the American Cleft Palate-Craniofacial Association (ACPA) Conference; Pittsburgh, PA.

Kollara L, Radack E, Perry J (November 2017). Examining the Musculus Uvulae Using MRI. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Los Angeles, CA. * **Awarded meritorious poster**

Pua E, **Kollara L**, Holt Y, Ellis C, Rangarathnam B, Fang X, Perry J (November 2017). Assessing the Nasalance of Native Mandarin Speakers in Mandarin & English. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Los Angeles, CA.

Pua E, **Kollara L**, Fang X, Ellis C, Holt Y, Perry J (April 2017). Nasalance of native Mandarin speakers. Oral presentation at the 2017 CAHS Research Day, East Carolina University, NC.

Kollara L, Pelland C, Blemker S, Perry J (March 2017). A mathematical model of closure biomechanics predicts resonance ratings among children with 22q11.2 deletion syndrome. Oral session at the American Cleft Palate-Craniofacial Association (ACPA) Conference; Colorado Springs, CO.

Kollara L, Baylis A, Kirschner R, Bates DG, Smith M, Fang X, Perry J (March 2017). An innovative, non-sedated MRI protocol to assess velopharyngeal variations in children with 22q11.2 deletion syndrome. Oral session at the American Cleft Palate-Craniofacial Association (ACPA) Conference; Colorado Springs, CO.

Pelland C, **Kollara L**, Perry J, Blemker S (March 2017). Which velar and muscle parameters most influence closure biomechanics in 22q11.2 DS? Oral session at the American Cleft Palate-Craniofacial Association (ACPA) Conference; Colorado Springs, CO.

Pelland C, Tran T, **Kollara L**, Lin K, Perry J, Blemker S (March 2017). A three-dimensional subject specific computational model of VPD represents velar movements and LVP function during hypernasal speech. Oral session at the American Cleft Palate-Craniofacial Association (ACPA) Conference; Colorado Springs, CO.

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, Wright H, Ellis C, Perry JL (November 2016). Evaluating velopharyngeal structures in children with 22q11.2 deletion syndrome using an innovative MRI protocol. Oral technical research session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Philadelphia, PA.

Kollara L, Perry JL (November 2016). How can MRI inform clinical decisions in cleft palate care: current and future developments? One-hour oral seminar at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Philadelphia, PA.

Kollara L, Perry JL, Kirschner R, Bates G, Smith M, Fang X, Baylis A (July 2016). MRI evaluation of velopharyngeal structures in children with 22q11.2 DS. Poster presentation at the **Biennial International 22q11.2 Conference; Sirmione, Italy.**

Kollara L, Schenck GC, Perry JL, Jaskolka M (April 2016). Investigation of the Velopharyngeal Mechanism in the 22q11.2 DS Population without the Use of Sedation. Poster presentation at the American Cleft Palate-Craniofacial Association (ACPA) Conference; Atlanta, GA.

Radack E, **Kollara L**, Perry JL (April 2016). Examining the Musculus Uvulae in individuals with cleft palate. Presented at 4th Annual CSDI Research Day, East Carolina University, NC.

Bellardini M, **Kollara L**, Perry JL (April 2016). The use of MRI in assessing structural and functional aspects of the velopharyngeal mechanism: evolution and current trends. Presented at 4th Annual CSDI Research Day, East Carolina University, NC.

Ritter A, Pfeiffer L, **Kollara L**, Perry JL (April 2016). MRI investigation of the superior pharyngeal constrictor muscle (April 2015). Poster presentation at the Research and Creative Achievement Week (RCAW), East Carolina University, NC.

Bellardini M, **Kollara L**, Perry JL (April 2016). MRI in assessing structural and functional aspects of the velopharynx. Poster presentation at the Research and Creative Achievement Week (RCAW), East Carolina University, NC.

Radack E, **Kollara L**, Perry JL (April 2016). Examining the Musculus Uvulae Using MRI. Poster presentation at the Research and Creative Achievement Week (RCAW), East Carolina University, NC.

Kollara L, Schenck GC, Perry JL, Jaskolka M (November 2015). 22q11.2 Deletion Syndrome: A Single Case Study Investigation Using MRI. Poster presentation at the

American Speech-Language-Hearing Association (ASHA) Annual Convention; Denver, CO

Kollara L, Pfeiffer L, Ritter A, Perry JL (November 2015). Using MRI to Investigate the Superior Pharyngeal Constrictor Muscle among Racial Groups. Poster presentation at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Denver, CO

Kollara L, Perry JL, Fang X (April 2015). Extravelar and intravelar morphology of the levator veli palatini: Implications for cleft palate speech. Oral presentation at American Cleft Palate-Craniofacial Association (ACPA) Conference; Palm Springs, CA.

Perry JL, **Kollara L**, Schenck GC, Fang X, Kuehn DP, Sutton BP (April 2015). Pre and post-pubertal changes: the effect of growth on the velopharyngeal anatomy. Oral presentation at American Cleft Palate-Craniofacial Association (ACPA) Conference; Palm Springs, CA.

Perry JL, Schenck GC, **Kollara L**, Mason K, Kuehn DP, Sutton BP, (April 2015). How does dynamic MRI compare to nasendoscopy for the study of velopharyngeal function? Oral presentation at American Cleft Palate-Craniofacial Association (ACPA) Conference; Palm Springs, CA.

Pfeiffer L, Ritter A, Kollara L, Perry JL (April 2015). MRI investigation of the superior pharyngeal constrictor muscle. Presented at 3rd Annual CSDI Research Day, East Carolina University, NC.

Kollara L, Perry JL, Suzanne H (November 2014). Racial Variations in Velopharyngeal and Craniometric Morphology in Children: Imaging Study. Oral technical research session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL.

Broadwell K, Kollara L, Nyswonger J, Perry JL (November 2014). Aerodynamic speech characteristics in upright and supine positions. Poster presentation at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL.

Kollara L, Perry JL (April 2014). Influence of Race and Sex on Craniometric Morphology in Children. Presented at 2nd Annual CSDI Research Day, East Carolina University, NC.

Kollara L, Perry JL (March 2014). Influence of Race and Sex on Velopharyngeal Morphology in Children. Poster presentation at the Research and Creative Achievement Week (RCAW), East Carolina University, NC.

Kollara L, Perry JL (November 2013). Normative Velopharyngeal Data on African American Children Using MRI. Poster presentation at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Chicago, IL. * **Awarded meritorious poster**

Kollara L, Schenck GC, Winslow S, Martin A, Perry JL (November 2013). Continuous Positive Airway Pressure (CPAP) Therapy for Treatment of Hypernasality: A Single-Subject Case Study. Poster presentation at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Chicago, IL.

Kollara L, Perry JL (August 2013). MRI findings related to brain structure in individuals with cleft lip and palate. One-hour oral presentation at the Cleft Palate Speech Imaging and Visualization Lab, East Carolina University, Greenville, NC.

Kollara Sunil L, Perry JL (May 2013). Variations in Velopharyngeal Mechanism between Upright and Supine Positions Using MRI in Children. Poster presentation at the 12th International Congress on Cleft Lip/Palate and related Craniofacial Anomalies; Orlando, FL.

Kollara Sunil L, Schenck GC, Perry JL (April 2013). Resonance Evaluations: High-tech Assessment Tools. One-hour oral presentation at the North Carolina Speech Hearing Language Association (NCSHLA); Raleigh, NC.

Kollara L, Perry JL (April 2013). The influence of gravity on the velopharyngeal mechanism. Oral session at the Inaugural CSDI Research Day, East Carolina University, NC.

Kollara Sunil L, Perry JL (April 2013). Velopharyngeal Data on African American Children Using MRI. Poster presentation at the Research and Creative Achievement Week (RCAW), East Carolina University, NC.

Kollara Sunil L, Perry JL (November 2012). Do We Need an SLP on a Surgical Mission Trip? Poster presentation at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Atlanta, GA.

Kollara Sunil L, Perry JL (March 2012). Effects of Gravity on the Velopharynx. Poster presentation at the Research and Creative Achievement Week (RCAW), East Carolina University, NC.

Kollara Sunil L (February 2010). Early Intervention for Hearing Impairment. Oral presentation at Dr. S. R. Chandrasekhar Institute of Speech and Hearing, **Bangalore University, India.**

INVITED PRESENTATIONS

Kollara L (February 2020). Using MRI to inform clinical decisions in cleft palate/VPD care. Nemours Center for Cleft and Craniofacial Differences, Nemours Children's Hospital; Orlando, FL

Kollara L, Ruiz R (January 2020). Orofacial Cleft Repair and Speech Therapy in a Global Context. Global Health Conference, UCF College of Medicine; Orlando, FL

Kollara L (December 2019). MRI for speech imaging in cleft palate/VPD/22q11 population. Joe DiMaggio Children's Hospital, Memorial Healthcare System; Hollywood, FL

Kollara L (March 2019). Using MRI for advancing cleft palate care. Driscoll Children's Hospital; Corpus Christi, TX.

Zajac D, Watterson T, **Kollara L**, Pelland C, Perry J, Blemker S (November 2017). Craniofacial Research Update: Advancements in Instrumental Assessment of Velopharyngeal Function. American Speech-Language-Hearing Association (ASHA) Annual Convention; Los Angeles, CA.

Kollara L, Schenck G, Perry JL (February 2015). Velopharyngeal anatomy and physiology: Comprehensive review for practicing clinicians. Presentation at the Onslow County Schools Professional Development Seminar; Jacksonville, NC.

GRANTS/FUNDED RESEARCH

Kollara L, Kellogg B, Johnson C, Chandra T (2021). An interdisciplinary approach towards the management of velopharyngeal dysfunction in children with 22q11.2 deletion syndrome. UCF Seed Funding Program. Total Amount: **\$40,026.00. Funded.**

Perry JL, **Kollara L**, Marcus JR (2014). Morphological Variations in Velopharyngeal Muscles among Individuals with 22q11.2 Deletion Syndrome. Cleft Palate Foundation Research Grant. Total Amount: **\$10,000.00. Funded** and used for dissertation data. Kollara percent effort = 80%; Perry percent effort = 15%; Marcus percent effort = 5%.

Kollara L, Perry JL (2012). Gravitational Influence on the Velopharyngeal Mechanism in the Upright and Supine Position Among Children. Cleft Palate Foundation Grant. Total Amount: **\$500.00. Funded.**

ADDITIONAL RESEARCH EXPERIENCE

2019-present	Research Collaborator, Nemours Children's Hospital (Orlando, FL) Research Collaborator, Joe DiMaggio Children's Hospital (Hollywood, FL)
2015-present	Research Collaborator, Nationwide Children's Hospital (Columbus, Ohio)
2015-2017	Research Collaborator, New Hanover Regional Medical Center (Wilmington, NC)
Summer 2015	Beginning Grant Writers Series Workshop, East Carolina University
2014	Graduate student judge, Research & Creative Achievement Week, East Carolina University.
2012-2016	Student researcher, Cleft Palate Speech Imaging and Visualization Lab, East Carolina University. Lab director: Jamie Perry, PhD
2011- 2012	Research assistant, Cleft Palate Speech Imaging and Visualization Lab; East Carolina University, NC.

RESEARCH DEVELOPMENT

2020 NIH Virtual Seminar on Program Funding and Grants Administration
NIH Rehabilitation Research 2020: Envisioning a Functional Future conference
UCF NF Series: Understanding the Proposal Process
UCF NF Series: Intro to Federal Agencies: NIH
UCF CHPS Nuts & Bolts sessions
ACPA Speech-Language Pathology Discipline Forum
22q11.2 Related Disorders SIG Forum

TEACHING EXPERIENCE (UG = undergraduate, G = graduate)

- 2019-present University of Central Florida, School of Communication Sciences and Disorders
- SPA 6245. Communication Disorders in Cleft Palate-Velopharyngeal Dysfunction (G)
 - SPA 3011. Speech Science I: Production (UG)
 - SPA 4803. Research Methods in Communication Sciences and Disorders (UG)
 - SPA 3101. Physiological Bases of Speech and Hearing (UG), course modality V1 (Video)
 - SPA 3101. Physiological Bases of Speech and Hearing (UG), course modality P (Face-To-Face Instruction)
 - SPA 3101. Physiological Bases of Speech and Hearing (UG), course modality W (World Wide Web) *Quality Online Course designation
 - SPA 4903H. Directed Readings I (UG Honors thesis; Committee Chair: Kollara)
 - SPA 4904H. Directed Readings II (UG Honors thesis; Committee Chair: Kollara)
 - SPA 4912. Directed Research (UG)
 - SPA 4906. Independent Study (UG)
- 2017-2019 Texas A&M University – Kingsville, Dept. of Clinical Health Sciences (CSDO)
- Voice and Resonance Disorders (G)
 - Research in Communication Sciences and Disorders (G)
 - Voice Disorders (G)
 - Graduate Research Project (G)
 - Cleft Palate and Craniofacial Anomalies (G)
 - Anatomy & Physiology of the Auditory and Vocal Mechanism (UG)
 - Speech and Hearing Science (UG)

2011-2015 East Carolina University, Dept. of Communication Sciences & Disorders

- Instructor; Apprenticeship (UG)
- Instructor; Introduction to Communication Sciences and Disorders (UG)
- Instructor; Cadaver Lab, Anatomy of the Speech and Respiratory Mechanism (UG)
- Distance Education Instructor; Seminar in Craniofacial Anomalies and Alaryngeal Rehabilitation (G)
- Teaching Assistant; Seminar in Craniofacial Anomalies and Alaryngeal Rehabilitation (G)
- Teaching Assistant; Speech Science (UG)
- Teaching Assistant; Neural Processing in Speech and Language (UG)
- Teaching Assistant; Introduction to Communication Sciences and Disorders (UG)
- Teaching Assistant; Apprenticeship (UG)
- Introduction to College Teaching-Summer Workshop, Office for Faculty Excellence, East Carolina University

TEACHING GRANTS (UCF)

Spring 2021 SoTL Mentoring Course Innovation Project

Fall 2020 Active Learning via Technology Tools Course Innovation Project (CIP)

Fall 2020 CHPS-CARES lab funding (applied; not funded due to eligibility criteria)

ADVANCED TEACHING DEVELOPMENT COURSES

- Teaching & Learning Day (TLD): Panic Modalities: Problem solving & triage for the Fall 2020 semester
- TLC-z Teaching with Lecture Capture: Zoom Edition
- UCF Keep Teaching Live-Stream Workshops
- Pan(dem)ic Modalities: Problem Solving for Fall 2020 Courses
- The COVID Classroom—Teaching and Learning During a Pandemic
- Essentials of Online Teaching (EOT) course
- Panopto workshop

STUDENT MENTORSHIP/ RESEARCH EXPERIENCE

Craniofacial and Speech Imaging Lab, University of Central Florida (2019-present)

Graduate CSD students:

- Yitzella Camargo
- Kara Koepfer
- Katelyn Lawson

Undergraduate honor's thesis; Burnett Honors College (Committee chair: Kollara)

- Caroline Sorial (Major: Health Sciences; pre-med track)
- Riley Cashon (Major: CSD)
- Mary Lanneau (Major: CSD)

Undergraduate students:

- Victoria Orindas (Major: Biomedical Sciences; pre-med track)
- Caroline Kebberly (Major: Biology, Minor: Medical Anthropology)
- Cheyenne Scarborough (Major: CSD)
- Lynoshka Adorno (Major: CSD)

Texas A&M University–Kingsville (2017-2019)

Graduate Research Projects completed by MS students

Regina Barry	Differential Diagnosis of Vocal Cord Dysfunction from Asthma: Assessment and Treatment Options. <i>*Paper selected to be presented at 2019 national ASHA convention</i>
Lauren Cortez	Speech Outcomes Post Sphincter Pharyngoplasty And Pharyngeal Flap Repair in Children With 22q11.2 Deletion Syndrome
Tessa Flores	MR Imaging in The Pediatric 22q11.2 DS Population
Abigail Phelps	Comparative Analysis of Three Bottles for Feeding Infants with Cleft Lip And/or Palate
Christian Cantu	Comparative Analysis of Psychosocial and Velopharyngeal Insufficiency Scales Across the Cleft Lip and Palate Population: Significance of VELO. <i>*Presented at 2018 national ASHA convention</i>

Undergraduate Honors Thesis project (Thesis Chair: Kollara)

Roxanne Chapa Velopharyngeal Closure: Typical and Cleft Palate Anatomy

Cleft Palate Speech Imaging and Visualization Lab, East Carolina University

- 2016-17 Eshan Pua; Graduate Thesis. Assessing the nasalance of native Mandarin speakers in Mandarin and English. *Project awarded best oral presentation at 2017 CAHS Research Day*
- 2015-16 Elizabeth Radack; ECU Honors Thesis student. Research study examining the musculus uvulae in normal controls and individuals with cleft palate using MRI and 3D segmentation technology. *Submitted as honors thesis. Project awarded outstanding research presentation at 2016 CSDI Research Day*
- Mikayla Bellardini; ECU Honors Thesis student. Research paper investigating the use of MRI in assessing structural and functional aspects of the VP mechanism: evolution, current trends, and future directions. *Submitted as honors thesis*

- 2015 Leigh Ann Pfeiffer, Ashley Ritter, Alexyss Louise, Sarah Clover. Research study providing preliminary data on the superior pharyngeal constrictor muscle in individuals using MRI. *Resulted in national and institutional presentations*
- 2013-2014 Eryn Gaynor. Organization of resources and research data for research study involving children with 22q11.2 deletion syndrome
- 2013-2014 Katie Broadwell. Study examining aerodynamic speech characteristics in upright and supine positions in adult participants. *Resulted in peer-reviewed publication. Study funding: University Research Creativity Award*

PROFESSIONAL/ACADEMIC MEMBERSHIPS

- 2020-present Florida Cleft Palate-Craniofacial Association
- 2018-2020 Texas Speech-Language-Hearing Association
- 2012-present American Cleft Palate Craniofacial Association
- 2012-present American Speech-Language-Hearing Association: Special Interest Division 5: Speech Science and Orofacial Disorders
- 2012-present American Speech-Language-Hearing Association
- 2012- 2019 North Carolina Speech, Hearing and Language Association
- 2012- present Golden Key International Honour Society
- 2011- 2016 National Student Speech Language Hearing Association

SERVICE – UNIVERSITY

Academic/Scholarly Committees (University of Central Florida)

- 2020-2021 CSD School Director Search Committee
- 2020-2021 CSD Undergraduate Committee
- 2019-present CSD Graduate Committee
- 2019-2020 Faculty Search Committee

Academic/Scholarly Committees (Texas A&M University-Kingsville)

- 2018-2019 CSDO Faculty search committee
- 2018 CSDO Alumni outreach committee
- 2017-2018 CSDO Graduate curriculum committee

SERVICE – CLINICAL

- 2014-2017 Speech Scientist, New Hanover Regional Medical Center, Oral and Maxillofacial Surgery
- 2013-2017 Faculty search committee (student member), East Carolina University
- 2015 Volunteer, Nationwide Children’s Hospital, Plastic and Reconstructive Surgery. A Healthy You and 22q Conference
- 2014 Judge, Research & Creative Achievement Week, East Carolina University.

- 2008-2010 Volunteer, Association for Mentally Handicapped Adults (AMHA), Thrissur, India.
- 2007-2010 Volunteer, Amrita Speech and Hearing Improvement School (ASHISH), Thrissur, India.

SERVICE-NATIONAL

PROFESSIONAL LEADERSHIP ROLES (by invitation only)

- 2020- American Cleft Palate-Craniofacial Association Honors and Awards committee
- 2020- Journal Editorial Board Member, ASHA SIG 5 Perspectives
- 2020-2021 American Cleft Palate-Craniofacial Association: 2021 Program Task Force
- 2020 Session Chair, American Cleft Palate-Craniofacial Association's 77th Annual Meeting
- 2019 Researcher-Academic Town Meeting, ASHA Academic Affairs & Research Education
- 2018 Craniofacial and Velopharyngeal Disorders Committee, 2018 ASHA Annual Convention in Boston MA
- 2018-2019 National Student Speech Language Hearing Association (NSSLHA) Advisor, Texas A&M University-Kingsville

PROFESSIONAL SERVICE ACTIVITIES (by invitation only)

- 2020 Abstract Reviewer for American Cleft Palate-Craniofacial Association's Annual Meeting
- 2018-present Journal reviewer, American Journal of Medical Genetics: Part A
- 2018-present Journal reviewer, Journal of the Acoustical Society of America
- 2018 Abstract Reviewer for ASHA Annual Convention
- 2013-present Journal reviewer, Journal of Speech, Language, and Hearing Research
- Journal reviewer, The Cleft Palate-Craniofacial Journal
- Journal reviewer, ASHA SIG 5 Perspectives on Craniofacial and Velopharyngeal Disorders
- 2013-2016 Brain and Language
- 2013-2016 Journal reviewer, Contemporary Issues in Communication Sciences and Disorders

SERVICE-INTERNATIONAL

- 2012 Speech Scientist, Cleft Palate Surgical Medical Mission Trip, Villahermosa, Mexico
- Performed speech and orofacial diagnostics for 75 patients
 - Provided training for local hospitals in the area of speech diagnostics and treatment
 - Performed post-surgical follow up assessments and created treatment plans for patients
 - Surgical observations & parent/patient care

CLINICAL EXPERIENCE

- 2019 – present University of Central Florida. Consultant- Craniofacial & Resonance Disorders
- 2017-2019 Texas A&M University-Kingsville. Consultant- SLP
- 2016-2017 Careworks
- SLP clinical fellowship completed June 2017
- Fall 2015 Nationwide Children’s Hospital
- Shadowing. Craniofacial and cleft palate team meetings
- 2016 New Hanover Regional Medical Center, Oral and Maxillofacial Surgery
- Speech scientist. Cleft palate team meetings.
- 2014-2016 Duke Cleft and Craniofacial Program, Division of Plastic Surgery
- Surgical shadowing. Cleft palate team meetings.
- Summer-Fall 2013 Eastern Carolina ENT Head & Neck Surgery, Greenville, NC
- Intern. Speech and swallowing evaluations and rehabilitation of head and neck cancer patients. Laryngectomy care.
- 2011-2016 East Carolina University, Department of Speech & Hearing Sciences
- Graduate student clinician. Diagnostic assessments and therapeutic intervention to children and adults who have speech, language, and communication impairments
 - Speech Science Lab. Proficient in the use of Nasometer, Computerized Speech Lab, Multidimensional Voice Program, and PERCI-SAR system (Speech Aeromechanic Research System)
- February 2012 Dr. Rodolfo Nieto Padron children’s hospital, Villahermosa, Mexico
- Pre- and post-operative evaluations, speech therapy, and counseling to children with cleft lip and/or palate
 - Observed cleft lip and/or palate surgeries
- 2010- 2011 Clinical placements at various medical centers and specials schools, India
- National Institute of Mental Health & Neurosciences, Bangalore, India
 - St. Martha’s Hospital, Bangalore, India
 - Apollo Hospital, Bangalore, India (Audiological assessments: Pure Tone Audiometry, Immitance Audiometry, OtoAcoustic Emissions and Brainstem Evoked Response Audiometry)
 - Elite Mission Hospital, Thrissur, India
 - Dr. S. R. Chandrasekhar Institute of Speech and Hearing, Bangalore University, India

HONORS & AWARDS

- 2020 American Speech Language Hearing Association (ASHA) Distinguished Early Career Professional (ECP) Certificate Award

- 2019 American Speech Language Hearing Association (ASHA) Meritorious Poster Distinction awarded based on extraordinary, exceptional, and innovative work
- 2019 ASHA Award for Continuing Education (ACE)
- 2018 Texas A&M University–Kingsville, New Faculty Investment Program Professional Development Award
- 2018 Texas A&M University–Kingsville Arts & Sciences Travel Award
- 2018 Highest scoring poster category at 10th Biennial International 22q11.2 Conference in Whistler, **Canada**.
- 2017 ASHA Meritorious Poster Distinction awarded based on extraordinary, exceptional, and innovative work
- 2017 Texas A&M University–Kingsville Arts & Sciences Travel Award
- 2017 East Carolina University Outstanding Research Presentation (Oral), 2017 College of Allied Health Sciences Research Day. Collaborative research project with mentored master's thesis student
- 2017-2012 East Carolina University College of Allied Health Sciences (CAHS) Travel Award. Awarded on the basis of conference presentation acceptances
- 2016 ASHA Student Research Travel Award. Award given to first authors on research papers that are the highest-rated, student-authored paper in its Convention topic area
- 2016 East Carolina University Outstanding Research Presentation (Poster), 2016 CSDI Research Day. Collaborative research project with mentored honors thesis student (undergraduate)
- 2015 East Carolina University: College of Allied Health Sciences Alliance for Excellence Scholarship. Award criteria: academic ability, academic major, leadership activities, and extracurricular activities (**Amount awarded:** \$2,335)
- 2015 East Carolina University: Robert & Mary Muzzarelli Scholarship in Communication Sciences and Disorders. This award honors an ECU CSDI student who has exemplified service activity to benefit the profession and the community. Academic standing and demonstrated leadership qualities and potential also considered. (**Amount awarded:** \$1000)
- 2014-2015 ASHA Mentoring Academic-Research Careers (MARC) protégé. MARC Mentor: Peggy Jacobson, Ph.D., CCC-S/L, St. John's University

- 2014 The North Carolina Speech, Hearing, and Language Association Student Achievement Award. Award criteria: academic excellence and merit, research productivity, and consistent service to the profession of speech-language pathology. **(Amount awarded: \$1000)**
- 2013 ASHA Meritorious Poster Distinction awarded based on extraordinary, exceptional, and innovative work
- 2012-2016 East Carolina University: Division of Research & Graduate Studies Research Scholar Award. Award is given to PhD students based on excellence in academic and professional record. **(Amount Awarded: \$24,000-\$34,000 each year. Total amount across 4 years: ~\$100,000)**
- 2012 American Cleft Palate-Craniofacial Association Professional Award: Karlind T. Moller Cleft/ Craniofacial Scholarship for Speech Pathology/Audiology Students. Award criteria: potential in research endeavors related to cleft lip/palate and/or other craniofacial anomalies. **(Amount awarded: \$500)**
- 2012 Joan Good Erickson Speech-Language Pathology Scholarship. Award given to promising young professional seeking advanced training in cleft palate. Award enables the individual to accompany a cleft/craniofacial surgical medical team while being mentored and educated on cleft palate care by an experienced speech scientist from the medical mission team. **(Amount awarded: All expenses paid mission trip to Villahermosa, Mexico)**
- 2012 East Carolina University Barbara Bremer Award for Recognition of Clinical Effectiveness. This award honors a student who has made a difference in the life of at least one client because of knowledge, understanding, encouragement, and enthusiasm that the student has incorporated into the therapist-client relationship. **(Amount awarded: \$500)**
- 2011 East Carolina University CSDI Clinical Scholar Award. Award given to students enrolled in a master's program demonstrating high academic achievement (top 1/3 of entering class) and promise in scholarship and research. **(Amount awarded: \$5000)**
- 2008 Dr. S. R. Chandrasekhar Institute of Speech and Hearing: Class Topper Award, Bangalore University, India. Award given to a first-year undergraduate student who demonstrates academic excellence and is the class topper. **(Amount awarded: Rs. 5000)**