

## EAST CAROLINA UNIVERSITY

### CURRICULUM VITA FOR JAMIE L. PERRY

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#### **EDUCATION**

2007 – PhD, University of Illinois, Urbana-Champaign; Department of Speech and Hearing Science  
2003 – MA, Northern Illinois University, Department of Communicative Disorders  
2001 – BS, University of Illinois, Urbana-Champaign; Department of Speech and Hearing Science

#### **ACADEMIC APPOINTMENTS**

2016-present Department Chair, Department of Communication Sciences and Disorders, East Carolina University, Greenville, NC

2020-present Professor, Department of Communication Sciences and Disorders, East Carolina University, Greenville, NC

2015-2016 Interim Department Chair, Department of Communication Sciences and Disorders, East Carolina University, Greenville, NC

2015-2020 Full-Time, Associate Professor, Department of Communication Sciences and Disorders, East Carolina University, Greenville, NC

2011-2015 Full-Time, Assistant Professor, Department of Communication Sciences and Disorders, East Carolina University, Greenville, NC

2007-2011 Full-Time, Assistant Professor, Department of Communication Sciences and Disorders, Illinois State University, Normal, IL

2007-2011 Research Scientist, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana-Champaign, IL

2006-2007 Visiting Instructor, Department of Communication Sciences and Disorders, Illinois State University, Normal, IL

#### **CERTIFICATION AND LICENSURE**

2004-present Certificate of Clinical Competence in Speech-Language Pathology, American Speech-Language-Hearing Association

2011-present Licensure, Speech-Language Pathology, State of North Carolina, Department of Professional Regulation; license number 9732

2004-2011 Licensure, Speech-Language Pathology, State of Illinois, Department of Professional Regulation; license number 146.008063

2004-2011 Type 10 Teaching Certificate, Speech and Language Impaired, State of Illinois

#### **MANUSCRIPTS (PEER REVIEWED)-UNDERLINE REPRESENTS STUDENT**

1. Schenck GC, **Perry JL**, O’Gara MM, Linde AM, Grasseschi MF, Wood RJ, Lacey MS, Fang X (2020). Velopharyngeal Muscle Morphology in Children with Unrepaired Submucous Cleft Palate: An Imaging Study. *Cleft Palate Craniofacial Journal*, in press
2. Haenssler AE, **Perry JL**. (2020). The effectiveness of the buccal myomucosal flap on speech and surgical outcomes in cleft palate: A systematic review. *International Journal of Speech & Language Pathology and Audiology*, 8, 50-58.
3. Kassam SN, **Perry JL**, Ayala R, Stieber E, Davies G, Hudson N, Hamdan US (2020). World cleft coalition international treatment program standards. *Cleft Palate Craniofacial Journal*. 57(10), 1171-1181.
4. Schleif EP, Pelland CM, Ellis C, Fang X, Leierer SJ, Sutton BP, Kuehn DP, Blemker SS, **Perry JP** (2020). Identifying predictors of levator veli palatini muscle contraction during speech using dynamic magnetic resonance imaging. *Journal of Speech, Language, and Hearing Research*, 63(6), 1726-1735.

5. Kotlarek KJ, Pelland CM, Blemker SS, Jaskolka M, Fang X, **Perry JL**. (2020) Asymmetry and positioning of the levator veli palatini muscle in children with repaired cleft palate. *Journal of Speech, Language, & Hearing Research*, 63,(5), 1317-1325. 10.1044/2020\_JSLHR-19-00240. PMID: 32402223
6. Haenssler AE, Baylis A, **Perry JL**, Kollara L, Fang X, Kirschner R. (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. 10.1177/1055665619874175
7. Mason KN, Sypniewski, **Perry JL** (2020). Academic Education of the Speech-Language Pathologist: A Comparative Analysis on Graduate Education in Two Low-Incidence Disorder Areas. *Perspectives of the American Speech-Language-Hearing Association (ASHA) Special Interest Group*. 5(1), 164-172. DOI.org/10.1044/2019\_PERSP-19-00014.
8. **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*.
9. Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Xiangming F, **Perry JL** (2020). 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*, 8, S1748-6815(20)30334-x. 10.1016/j.bjps.2020.08.005
10. Baylis AL, **Perry JL**, Wilson K, Dailey S, Bedwinek A, Trost-Cardamone J, Kirschner RE, Goudy S. (2019). Team Management of Velopharyngeal Inadequacy: Summary of Best Practices for Surgeons and Speech-Language Pathologists. *Perspectives of the ASHA Special Interest Groups*, 4(5), 850-856.
11. Sharma S, Briley P, Wright HH, **Perry JL**, Fang X, Ellis C (2019). Gender Differences in Aphasia Outcomes: Evidence from the AphasiaBank. *International Journal of Language & Communication Disorders*, 54(5), 806-813. DOI: 10.1111/1460-6984.
12. Medeiros-Santa MNL N, **Perry JL**, Yassutaka R, Trindade-Suedam I, Yamashita RP (2019). Predictors of Velopharyngeal Dysfunction in Individuals with Cleft Palate Following Surgical Maxillary Advancement: Clinical and Tomographic Assessments. *Cleft Palate-Craniofacial Journal*. 56(10), 1314-1321. DOI: 10.1177/1055665619852562
13. 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): 1139-1145. DOI: 10.1177/1055665619851660.
14. Kotlarek KJ, Haenssler AE, Hildebrand KE, **Perry JL** (2019). Morphological Variation of the Velum in Children and Adults Using MRI. *Imaging Science in Dentistry*, 49(2), 153-158. DOI: 10.5624/isd.2019.49.2.153
15. **Perry JL**, Chen JY, Kotlarek KJ, Haenssler AE, Kuehn DP, Sutton BP, Sitzman TJ, Fang X (2019). Morphology of the Musculus Uvulae in Vivo Using MRI and 3D Modeling Among Adults with Normal Anatomy and Preliminary Comparison to Cleft Palate Anatomy. *Cleft Palate-Craniofacial Journal*, 56(8), 993-1000. DOI: 10.1177/1055665619828226
16. **Perry JL**, Kollara L, Sutton BP, Kuehn DP, Fang X (2019). Growth Effects on Velopharyngeal Anatomy from Childhood to Adulthood. *Journal of Speech, Language, and Hearing Research*, 62, 682-692. PMID: 30950740. DOI: 10.1044/2018.
17. Schenck GC, **Perry JL**, Kollara L, Kuehn DP (2019). Effects of Surgical Intervention and Continuous Positive Airway Pressure Therapy on Velopharyngeal Structure and Function: A Case Report. *Cleft Palate Craniofacial Journal* 56(4), 525-533. DOI: PMID: 30048600. DOI: 10.1177/1055665618787688
18. Pua E, Holt Y, Kollara L, Rangarathnam B, Fang X, **Perry JL** (2019) Evaluating Nasal Values Among Bilingual Mandarin-English Speakers. *Cleft Palate Craniofacial Journal*, 56(4), 462-470. PMID: 30099917. DOI: 10.1177/1055665618791942
19. **Perry JL**, Kotlarek K, Mendez L, Holt Y, Fafulas S, Broadwell, K (2019). Nasometric Comparison Between Spanish-English Bilingual and English Monolingual Children. *Cleft Palate Craniofacial Journal*, 56(3), 331-339. PMID: 29986147. DOI: 10.1177/1055665618786350.
20. Méndez LI, **Perry, JL**, Holt Y, Bian H, Fafulas S (2018). Same or Different: Narrative Retells in Bilingual Latino Kindergarten Children. *Bilingual Research Journal*, 41(2), 150-166. DIO: https://doi.org/10.1080/15235882.2018.1456984

21. Mason KN, Stockstill JW, **Perry JL** (2018). Growth of the Craniofacial Complex and its Relationship to Pierre Robin Sequence: A Narrative Review. *International Journal on Disability and Human Development*, 11(3), 269-279.
22. Mason KN, Hauhuth K, **Perry JL**, Riski JE (2018). Evaluating the Accuracy of Using at Rest Images to Determine the Height of Velopharyngeal Closure. *Journal of Craniofacial Surgery*, 29(5), 1354-1357. DOI: 10.1097/SCS.0000000000004444.
23. Kotlarek KJ, Kotlarek J, Reitnauer P, **Perry JL** (2018) A familial Case Study Exploring Craniofacial, Velopharyngeal, and Speech Variations in Pierre Robin Sequence. *Clinical Archives of Communication Disorders*, 3(2), 236-245. DOI:10.21849/cacd.2018.00360.
24. **Perry JL**, Kotlarek K, Sutton BP, Kuehn DP, Jaskolka M, Fang X, Point SW, Rauccio F (2018). Variations in Velopharyngeal Structure in Adults with Repaired Cleft Palate. *Cleft Palate-Craniofacial Journal*, 55(10), 1409-1418. PMID: 29356620. DOI: 10.1177/1055665617752803.
25. Mason KN, Pua E, **Perry JL** (2018). Effect of Motor-Based Speech Intervention on Articulatory Placement in the Treatment of a Posterior Nasal Fricative: A Preliminary MRI Study on a Single Subject. *International Journal of Language and Communication Disorders*. 53(4), 852-863. DOI: 10.1111/1460-6984.12393.
26. George TN, Kotlarek KJ, Kuehn DK, Sutton BP, **Perry JL** (2018). Differences in the Tensor Veli Palatini between Adults With and Without Cleft Palate Using High Resolution Three-Dimensional Magnetic Resonance Imaging. *Cleft Palate Craniofacial Journal*, 55(5), 698-705. DOI: 10.1177/1055665617752802.
27. Mason K, Riski JE, **Perry JL** (2018). Age Related Changes Between the Level of Velopharyngeal Closure and Palatal Plane in Subjects With Cleft and Non-Cleft Velopharyngeal Dysfunction. *Cleft Palate Craniofacial Journal*. PMID: 26963301. DOI: 10.1097/SCS.0000000000002403.
28. **Perry JL**, Mason K, Sutton BP, Kuehn DK (2018) Can Dynamic MRI Be Used to Accurately Identify Velopharyngeal Closure Patterns? *Cleft Palate-Craniofacial Journal*, 55(4), 499-507. PMID: 29554453. DOI: 10.1177/1055665617735998.
29. Mason K, Riski JE, **Perry JL** (2018). Changes in the Height of Velopharyngeal Closure Relative to the Cervical Spine From Infancy Through Adolescence in Patients With Cleft Palate. *Cleft Palate-Craniofacial Journal*, 55(4), 508-516. PMID: 29554448. DOI: 10.1177/1055665617732784.
30. **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.
31. **Perry JL**, Kuehn DP, Sutton BP, Fang X (2017). Velopharyngeal Structural and Functional Assessment of Speech in Young Children Using Dynamic Magnetic Resonance Imaging. *Cleft Palate-Craniofacial Journal*, 54(4), 408-422. DOI: 10.1597/15-120.
32. Kotlarek KJ, **Perry JL**, Fang X (2017). Morphology of the Levator Veli Palatini Muscle in Adults with Repaired Cleft Palate. *Journal of Craniofacial Surgery*, 28(3), 833-837. PMID: 28060090. DOI: 10.1097/SCS.0000000000003373.
33. Kollara L, Schenck GC, Jaskolka M, **Perry JL** (2017). Examining a New Method to Studying Velopharyngeal Structures in a Child With 22q11.2 DS. *Journal of Speech Language and Hearing Research*, 60, 892-896. PMID: 28384736. DOI: 10.1044/2016\_JSLHR-S-16-0084.
34. Fu M, Barlaz MS, Holtrop JL, **Perry JL**, Kuehn DP, Shosted RK, Liang Z, Sutton BP (2017). High-frame-rate Full-Vocal-Tract 3D Dynamic Speech Imaging. *Magnetic Resonance in Medicine*. 77(4), 1619-1629. PMID: 27099178. DOI: 10.1002/mrm.26248.
35. Jordan HN, Schenck GC, Ellis C, Rangarathnam B, Fang X, **Perry JL** (2017). Examining Velopharyngeal Closure Patterns Based on Anatomic Variables. *Journal of Craniofacial Surgery*, 28(1), 270-274. PMID: 27941550. DOI: 10.1097/SCS.0000000000003284.
36. Schenck GC, **Perry JL**, Fang X (2016). Normative Velopharyngeal Data in Infants: Implications for Treatment of Cleft Palate. *Journal of Craniofacial Surgery*, 27(6), 1430-9. PMID: 27607114. DOI: 10.1097/SCS.0000000000002722.
37. 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 and Language Pathology and Audiology*, 4, 1-10. DOI: 10.12970/2311-1917.2016.04.01.1
38. Inouye JM, Lin KY, **Perry JL**, Blemker SS (2016). Contributions of the Musculus Uvulae to Velopharyngeal Closure Quantified With a 3D Multi-Muscle Computational Model. *Annals of Plastic Surgery*, 77, S70-75. PMID: 27070673. DOI: 10.1097/SAP.0000000000000777.

39. **Mason K, Perry JL** (2016). Relationship Between Age and Diagnosis on Volumetric and Linear Velopharyngeal Measures in the Cleft and Noncleft Populations. *Journal of Craniofacial Surgery*, 27(5), 1340-1345. PMID: 27391503. DOI: 10.1097/SCS.0000000000002744.
40. **Mason K, Perry JL, Riski JE, Fang, X** (2016). Age Related Changes Between the Level of Velopharyngeal Closure and the Cervical Spine. *Journal of Craniofacial Surgery*, 27(2), 498-503. PMID: 26963301. DOI: 10.1097/SCS.0000000000002403.
41. **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*, 1(59), 27-38. DOI: 10.1044/2015\_JSLHR-S-14-0236.
42. **Perry JL, Kuehn DP, Sutton BP, Gamage JK, Fang X** (2016). Anthropometric Analysis of the Velopharynx and Related Craniometric Dimensions in Three Adult Populations Using MRI. *Cleft Palate-Craniofacial Journal*, 53(1), e1-e13. DOI: 10.1597/14-015.
43. **Inouye JM, Perry JL, Lin KY, Blemker SS** (2015). A Computational Model Quantifies the Effect of Anatomical Variability on Velopharyngeal Function. *Journal of Speech, Language, and Hearing Research*, 58(4), 1119-1133. DOI: 10.1044.
44. **Broadwell KR, Perry JL, Kollara L, Nyswonger JC** (2015). Aerodynamic Speech Characteristics in Upright and Supine Positions. *Contemporary Issues in Communication Sciences and Disorders*, 42, 173-181.
45. **Fu M, Zhao B, Carignan C, Shosted RK, Perry JL, Kuehn DP, Liang Z, Sutton BP** (2015). High-Resolution Dynamic Speech Imaging With Joint Low-Rank and Sparsity Constraints. *Magnetic Resonance in Medicine*, 73(5), 1820-1832. PMID: 24912452. DOI: 10.1002/mrm.25302
46. **Sawyer J, Perry JL, Dobbins-Scaramelli A** (2015). A Survey on Awareness of Speech Services Among the LGBTQ Population and Speech-Language Pathologists. *International Journal of Transgenderism*, 15, 146-163. DOI: 10.1080/15532739.2014.995260.
47. **Cunningham LD, Schenck G, Perry JL, Stuart A** (2014). Relationships Between Craniofacial Morphology, Sex, and Deglutitive Hyoid Bone Movement. *International Journal of Speech & Language Pathology and Audiology*, 2(2), 72-80. DOI: 10.12970/2311-1917.2014.02.02.3.
48. **Kollara L, Perry JL** (2014). Effects of Gravity on the Velopharyngeal Structures in Children Using Upright Magnetic Resonance Imaging. *Cleft Palate-Craniofacial Journal*, 51(6), 669-676. DOI: 10.1597/13-107.
49. **Perry JL, Kuehn DP, Sutton BP, Gamage JK** (2014). Sexual Dimorphism of the Levator Veli Palatini Muscle: An Imaging Study. *Cleft Palate-Craniofacial Journal*, 51(5), 544-552. PMID: 23782419. DOI: 10.1597/12-128.
50. **Bae Y, Perry JL, Kuehn DP** (2014). Videofluoroscopic Investigation of Body Position on Articulatory Positioning. *Journal of Speech, Language, and Hearing Research*, 57(4), 1135-1147, DOI: 10.1044/2013\_JSLHR-S-12-0235.
51. **Perry JL, Sutton BP, Kuehn DP, Gamage JK** (2014). Using MRI for Assessing Velopharyngeal Structures and Function. *Cleft Palate-Craniofacial Journal*, 51(4), 476-485. PMID: 23566261. DOI: 10.1597/12-083.
52. **Perry JL, Kuehn DP, Sutton BP** (2013). Morphology of the Levator Veli Palatini Muscle Using Magnetic Resonance Imaging. *Cleft Palate-Craniofacial Journal*, 50(1), 64-75. DOI: 10.1597/11-125.
53. **Perry JL, Kuehn DP, Wachtel JM, Bailey JS, Luginbuhl LL** (2012). Using Magnetic Resonance Imaging for Early Assessment of Submucous Cleft Palate: A Case Report. *Cleft Palate-Craniofacial Journal*, 49(4), e35-e41. PMID: 21787204. DOI: 10.1597/10-189.
54. **Perry JL, Bae Y, Kuehn DP** (2012). Effect of Posture on Deglutitive Biomechanics in Healthy Individuals. *Dysphagia*, 27(1), 70-80. PMID: 21487802. DOI: 10.1007/s00455-011-9340-6.
55. **Perry JL, Cunningham L, Gamage J** (2012). Computer Technology in the Classroom; Do Students Really Like It? *International Journal of Instructional Media*, 39(1).
56. **Bae Y, Kuehn D, Sutton B, Conway C, Perry JL** (2011). Three-Dimensional Magnetic Resonance Imaging of Velopharyngeal Structures. *Journal of Speech-Language and Hearing Research*, 54, 1538-1545. PMID: 22052285. DOI: 10.1044/1092-4388.
57. **Perry JL, Kuehn DP, Sutton B, Goldwasser M, Jerez AD** (2011). Craniometric and Velopharyngeal Assessment of Infants With and Without Cleft Palate. *Journal of Craniofacial Surgery*, 22(2), 499-503. PMID: 21403534. DOI: 10.1097/SCS.0b013e1382087378.
58. **Perry JL** (2011). Variations in Velopharyngeal Structures Between Upright and Supine Positions Using Magnetic Resonance Imaging. *Cleft Palate-Craniofacial Journal*, 48(2), 123-133. PMID: 20500077. DOI: 10.1597/09-256.

59. **Perry JL**, Cunningham D, Kuehn D, Gamage J (2010). Do 3D Stereoscopic Computer Animations Improve Student Learning of Surgical Procedures? *International Journal of Instructional Media*, 38(4).
60. **Perry JL**, Kuehn D (2009). Magnetic Resonance Imaging and Computer Reconstruction of the Velopharyngeal Mechanism. *Journal of Craniofacial Surgery*, 20(8), 1739-1746. DOI: 10.1097/SCS.0b013e3181b5cf46.
61. **Perry JL**, Kuehn D, Langlois R (2007). Teaching Anatomy of the Speech Mechanisms Through Computer Based Stereoscopic Images. *Journal of College Science Teaching*, 36(4), 18-23.
62. **Perry JL**, Kuehn D (2007). Three-Dimensional Computer Reconstruction of the Levator Veli Palatini Muscle in Situ Using Magnetic Resonance Imaging. *Cleft Palate-Craniofacial Journal*, 69(2), 214-216. PMID: 17608555. DOI: 10.1597/06-137.1.

#### **INVITED MANUSCRIPTS (PEER REVIEWED)**

63. **Perry JL** (2011). Anatomy and Physiology of the Velopharyngeal Mechanism. *Seminars in Speech and Language*, 32(2), 83-92.

#### **PUBLISHED PEER REVIEWED ABSTRACTS**

- Mason KN, **Perry JL** (2018). Current Status on the Education of the Speech-Language Pathologist in Cleft and Craniofacial Disorders. ACPA's 75<sup>th</sup> Annual Meeting Abstracts: *Cleft Palate-Craniofacial Journal*, 55(1S); 18. DOI: 10.1177/1055665618761376.
- Mason KN, Pua E, **Perry JL** (2018). Remediation of Compensatory Speech Errors & Cross-Language Generalization in an Adolescent Adopted from China. ACPA's 75<sup>th</sup> Annual Meeting Abstracts: *Cleft Palate-Craniofacial Journal*, 55(1S); 53. DOI: 10.1177/1055665618761376.
- Mason KN, Jordan MM, **Perry JL** (2018). Volumetric and Three-Dimensional Assessment of Growth of the Nasopharyngeal Structures from Childhood to Adolescence. ACPA's 75<sup>th</sup> Annual Meeting Abstracts: *Cleft Palate-Craniofacial Journal*, 55(1S); 56. DOI: 10.1177/1055665618761376.
- Perry JL**, Mason KN, Sutton BP, Kuehn DP (2018). Can MRI Accurately Evaluate Velopharyngeal Closure Patterns? ACPA's 75<sup>th</sup> Annual Meeting Abstracts: *Cleft Palate-Craniofacial Journal*, 55(1S); 67. DOI: 10.1177/1055665618761376.
- Mason, KN, **Perry, JL** (April 2018). Effect of Scar Contracture and Gravity on Post-Operative Tissue Changes and Speech Outcomes Following Sphincter Pharyngoplasties. ACPA's 75<sup>th</sup> Annual Meeting Abstracts: *Cleft Palate-Craniofacial Journal*, 55(1S); 116. DOI: 10.1177/1055665618761376.
- Kollara L, Pelland C, Blemker S, **Perry JL** (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 JL**, 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 JL** (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 JL**, 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.
- Perry, JL** (2017). New trends in visualizing speech production. *Journal of the Acoustical Society of America*, 141(5):3647. DOI: 10.1121/1.4987882.
- Sana A, **Perry JL**, Tabrizi N (2015). Investigating velopharyngeal closure force with linear regression. *IEEE Journal of Biomedical and Health Informatics*.
- Sana A, **Perry JL**, Tabrizi N (2015). An experience report on using EdgeTrak for tracking the velum. *The American Council on Science and Education*.
- Fu M, Zhao B, Holtrop JL, **Perry JL**, Kuehn DP, Liang ZP, Sutton BP (2012). High-frame-rate full vocal-tract imaging based on partial separability model and volumetric navigations. *International Society of Magnetic Resonance in Medicine*.
- Sutton BS, Naber A, Wang J, **Perry JL**, Kuehn DP (2011). Semi-automatic tracking of tongue movements in dynamic MRI of speech. *International Society of Magnetic Resonance in Medicine*. PMID: 25155697. DOI: 10.1016/j.compmedimag.2017.07.004.

**Perry JL** (2006). Studying the velopharyngeal mechanism through 3D computer reconstructions based on magnetic resonance imaging. *Journal of Oral and Maxillofacial Surgery*, 64(9), 88-89. DOI: 10.1016/j.joms.2006.06.161

### **INVITED MANUSCRIPTS (NON-PEER REVIEWED)**

- Kotlarek, **Perry JL** (March, 2018). Anatomy of the Velopharynx. *Perspectives of the ASHA Special Interest Groups*.
- Mason KN, **Perry JL** (December, 2017). The Use of MRI for the Study of the Velopharynx. *Perspectives of the ASHA Special Interest Groups*.
- Kollara L, Schenck G, **Perry JL** (October, 2014). Continuous Positive Airway Pressure (CPAP) Therapy for Treatment of Hypernasality: A Single-Subject Case Study. *Special Interest Group-5, Perspectives in Speech Science and Orofacial Disorders*.
- Perry JL**, Schenck G (October, 2013). Instrumentation for Velopharyngeal Assessments. *Special Interest Group-5, Perspectives in Speech Science and Orofacial Disorders*.
- Wisniewski M, **Perry JL** (April, 2011). Use of Nonspeech Oral Motor Exercises for Speech Sound Disorders in Children with Cleft Palate. *Illinois Speech-Language Hearing Association Newsletter*.
- Dobbins-Scaramelli A, **Perry JL** (April, 2011). Awareness of Speech Services among the LGBTQ Population and Speech-Language Pathologists. *Illinois Speech-Language Hearing Association Newsletter*.
- Perry JL**, Cunningham L (March, 2010). Students' Perception of Using 3D Computer Technology for Enhancing Learning. *Progressive Measures*.
- Perry JL**, Kuehn D, Goldwasser M, Sutton B (May, 2007). Using Magnetic Resonance Imaging and 3D Computer Technology to Improve Treatment and Care for Individuals Born With a Cleft Palate. *Carle Selected Papers*, 50, 2-5.
- Perry JL**, Kuehn D (September, 2006). Using Cadavers for Teaching Anatomy of the Speech and Hearing Mechanisms. *ASHA Leader*.

### **BOOK CHAPTERS**

- Perry JL**, Zajac D (2015). Anatomy and Physiology of the Velopharyngeal Mechanism. In *Evaluation and Management of Individuals with Cleft Lip and Palate: A Developmental Perspective for the Speech-Language Pathologist*. Plural Publishing.
- Perry JL**, Kuehn D (2015). Anatomy and Physiology of the Velopharynx. In *Comprehensive Cleft Care, 2<sup>nd</sup> edition*. McGraw-Hill.
- Kuehn D, **Perry JL** (2008). Anatomy and Physiology of the Velopharynx. In *Comprehensive Cleft Care* (pp. 557-68). McGraw-Hill.

### **INVITED PRESENTATIONS**

- Perry JL** (October, 2019). Advances in MRI Research. Presented at the Cleft and Craniofacial Symposium, Atlanta, GA.
- Perry JL** (February, 2019). Overview of Cleft Palate and Craniofacial Anomalies. Presented as a 2-day speaking session as part of the orthodontics education curriculum. Georgia School of Orthodontics. Atlanta, GA.
- Perry JL** (January, 2018). Overview of Cleft Palate and Craniofacial Anomalies. Presented as a 2-day speaking session as part of the orthodontics education curriculum. Georgia School of Orthodontics. Atlanta, GA.
- Zajac D, Watterson T, Kollara L, Pelland C, **Perry JL**, Blemker S (November 2017). Craniofacial Research Update: Advancements in Instrumental Assessment of Velopharyngeal Function. Los Angeles, CA.
- Perry JL** (June, 2017). New trends in visualizing speech production. Acoustical Society of American, Boston, MA.
- Perry JL** (September, 2016). MRI of the Velopharyngeal Mechanism. International Velopharyngeal Dysfunction Conference, Columbus, OH.
- Perry JL** (September, 2016). CIG on Pediatric Oral and Craniofacial/Oromaxillofacial Surgery Education Program: Cleft Palate-associated Velopharyngeal Insufficiency: Evaluations, Management, and Outcomes. American Association of Oral and Maxillofacial Surgery Annual Meeting, Las Vegas, NV.

- Perry JL** (September, 2015). Speech, Feeding, and Team Care Approaches in Cleft Palate Care. North Carolina Speech, Hearing, and Language Association (NCSHLA) annual conference, Wilmington, NC.
- Perry JL** (May, 2015). Anatomy of the Velopharynx. Mercy Hospital Cleft Palate Craniofacial Annual Conference, St. Louis, MO.
- Perry JL**, Blemker S (November, 2014). Scientific Advancements in Imaging and Modeling the Anatomy and Physiology in Cleft Palate Research. *Invited Speaker Session*. Presented as a one-hour Special Interest Group (SIG 5) seminar at American Speech Language and Hearing Association convention (ASHA), Orlando, FL.
- Perry JL** (March, 2014). The role of the Speech-Language Pathologist in Cleft Palate Care. Invited post-conference moderator and host for a 6-hour session on cleft palate care. American Cleft Palate Craniofacial Association (ACPA) post-conference, Indianapolis, IN.
- Perry JL** (February, 2014). Magnetic Resonance Imaging in Speech. Invited speaker for MRI summit at University of Southern California, Los Angeles, CA.
- Perry JL**, Watterson T, Zajac D, Scherer R (November, 2012). Imagine the Image, Imagine the Sound. Invited two-hour session at the American Speech-Language-Hearing Association (ASHA), Atlanta, GA.
- Perry JL** (April, 2012). Global Aspects of VPI; Magnetic Resonance Imaging. *Invited Speaker Session*. Pre-Conference I Symposium, American Cleft Palate Craniofacial Association (ACPA), San Jose, CA.
- Perry JL** (February, 2012). Speech and Language Issues in Cleft Lip and Palate. *Invited Speaker Session*. Presented as a two-hour seminar at the Dr. Rodolfo Nieto Padron Children's Hospital, Villahermosa, Mexico.
- Perry JL** (November, 2010). Magnetic Resonance Imaging of the Velopharynx in Clinical Practice. *Invited Speaker Session*. Presented as a two-hour special division seminar at American Speech Language and Hearing Association convention (ASHA), Philadelphia, PA.
- Perry JL** (March, 2010). MRI of the Velopharyngeal Mechanism during Speech. Presented as a one-hour seminar for the Imaging Technology Group (ITG) at the Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana.
- Perry JL** (January, 2010). Speech and Language Development, Evaluation, and Treatment. Presented as a one-hour presented at a Mothers of Preschool regional seminar, Mahomet, IL.
- Perry JL** (December, 2009). MRI and 3D Computer Technology to Study the Levator Muscle. Presented during a research methods course in the Department of Communication Sciences and Disorders, Illinois State University.
- Perry JL** (October, 2009). Diagnosing and Treating Cleft Lip and Palate. Presented as seminars at Trinidad, Port of Spain.
- Perry JL** (February, 2009). Current Imaging Research and Clinical Practices in the Management of Resonance Disorders and Velopharyngeal Dysfunctions. *Invited Speaker Session*. Presented as a two-hour seminar at the Illinois Speech Language and Hearing Association convention (ISHA), Rosemont, IL.
- Perry JL** (January, 2009). Evaluation and Treatment of Resonance Disorders Associated with Velopharyngeal Dysfunction. *Invited Speaker Session*. Presented as a three-hour seminar at the Central Illinois Speech and Hearing Association (CISHA).
- Perry JL**, Kummer A (November, 2007). Resonance Disorders & Velopharyngeal Dysfunction: Current Research & Clinical Practice. *Invited Speaker Session*. Presented as a two-hour special division seminar at American Speech Language and Hearing Association convention (ASHA), Boston, MA.
- Kuehn D, **Perry JL**, Goldwasser M, Sutton B (February, 2007). Computer Modeling and MRI in the Characterization and Treatment of Cleft Palate. Bench to Bedside Series, Carle Clinic, Urbana, Illinois.
- Perry JL**, Kuehn D, Goldwasser M (November, 2006). Magnetic Resonance Imaging and 3D Computer Modeling of the Levator Veli Palatini Muscle Before and After Primary Palatoplasty. Presented as a one-hour session at the Institute for Imaging Technology Group, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana-Champaign.
- Langlois R, **Perry JL**, Kuehn D (October, 2004). Stereo 3D Images in Research and Teaching. Presented as a one-hour session at the Institute for Imaging Technology Group, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana-Champaign.

## **SCHOLARLY PRESENTATIONS**

- Schenck GC, Kollara L, **Perry JL** (November 2019). How to establish translational research collaborations: Strategies for junior faculty and practicing clinicians. Technical research session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL.
- Mason K, **Perry JL**, Jones R, Williams J, Riski J (November 2019). MRI Assessment of Post-Surgical Anatomy & Speech Outcomes Following Pharyngoplasties in Children With Cleft Palate. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Mason K, **Perry JL**, Riski J (November 2019). Perceptual & Quantitative Changes in Voice & Resonance Following Surgical & Prosthetic Adaptations. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Tahmasebifard N, **Perry JL**, Fang X (November 2019). Evaluation of the Levator Veli Palatini Muscle Asymmetry in the Non-Cleft Population Using MRI. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Kollara L, Baylis A, Kirschner R, Bates G, Smith M, **Perry JL** (November 2019). Morphological Analysis of the Levator Veli Palatini Muscle in 22q11.2DS. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Kollara L, Baylis A, Kirschner R, Bates G, Smith M, **Perry JL** (November 2019). Assessment of the Levator Veli Palatini Muscle at Rest & During Contraction in 22q11.2DS. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Haenssler A, Fang X, **Perry JL** (November 2019). Is Velopharyngeal Ratio Really an Accurate Clinical Determinant of Velopharyngeal Function? Poster session at the 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 G, Smith M, Kirschner R, **Perry JL** (November 2019). Comparison of the Levator Veli Palatini & Tensor Veli Palatini Muscle Morphology in 22q11.2 DS. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Haenssler A, Middleton S, Mason K, Kotlarek K, Fang X, Mason R, **Perry JL** (November 2019). Normative Adenoid Development From Infancy Through Adulthood. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Nall P, Kotlarek K, Haenssler A, **Perry JL** (November 2019). Outcomes Using a Blended Face-to-Face/Telehealth Model for Treatment of Compensatory Articulation Errors. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Pua E, Pelland C, Blemker S, Fang X, Ellis C, Leierer S, **Perry JL** (November 2019). Use of Dynamic MRI for Sex Comparisons in Levator Veli Palatini Muscle Shortening and Velocities. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Kotlarek KJ, Jaskolka MS, **Perry JL**. (November, 2019). A Pilot Study of Speech Outcomes Following Buccal Fat Pad Graft During Primary Palatoplasty. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Kotlarek KJ, Pelland C, Blemker S, Jaskolka MS, **Perry JL**. (November, 2019). Asymmetry & Positioning of the Levator Veli Palatini Muscle in Children With Repaired Cleft Palate. Poster session at the American Speech-Language-Hearing Association (ASHA) Annual Convention; Orlando, FL
- Kotlarek KJ, Jaskolka MS, **Perry JL** (June, 2019). Investigation of Anatomical and Physiological Changes Following the Use of a Pedicled Buccal Fat Pad Graft During Primary Palatoplasty. Invited poster presented in the National Institute of Dental and Craniofacial Research session at the 97<sup>th</sup> Meeting of the International Association for Dental Research, Vancouver, BC, Canada.
- Mason KN, **Perry JL**, Riski JE (April, 2019). Incidence of Compensatory Articulation Errors in School-Aged Children with Repaired Cleft Palate. Presentation at the American Cleft Palate/Craniofacial Association Annual Meeting, Tucson, AZ.
- Mason KN, Riski JE, William JK, Jones R, **Perry JL** (April, 2019). Do External Factors Impact Final Pharyngoplasty Tissue Location and Speech Post-Surgically. Presentation at the American Cleft Palate/Craniofacial Association Annual Meeting. Tucson, AZ.



- Kotlarek KJ, Medeiros-Santana MN, Yamashita R, **Perry JL** (April, 2019). Can Visual Inspection Be Utilized to Reliability Classify Velar Length. Platform paper presented at the American Cleft Palate-Craniofacial Association 76th Annual Meeting, Tucson, AZ.
- Perry JL**, Kotlarek KJ, Spoloric KH, Findlen U, Grischkan J, Kollara L, Bates DG, Kirschner R, Smith M, Baylis A (April, 2019). Differences in the Tensor Veli Palatini Between Children With and Without 22q11.2 DS Using 3D MRI. Platform paper presented at the American Cleft Palate-Craniofacial Association 76th Annual Meeting, Tucson, AZ.
- Haenssler AE, Middleton S, Mason KN, Kotlarek KJ, Mason R, **Perry JL** (April, 2019). Normative Adenoid Development From Infancy Through Adulthood. Platform paper presented at the American Cleft Palate-Craniofacial Association 76th Annual Meeting, Tucson, AZ.
- Haenssler AE, **Perry JL**, Kirschner R, Kollara L, Fang X, Baylis A (April, 2019). Analysis of the Impact of Cranial Base Abnormalities on Cerebellar Volume and Velopharyngeal Variables Related to Speech in 22q11.2 Deletion Syndrome. Poster presentation at the American Cleft Palate-Craniofacial Association 76th Annual Meeting, Tucson, AZ.
- Perry JL**, Chen JY, Kotlarek KJ, Haenssler A, Kuehn DP, Sutton BP, Fang X, Sitzman T (April, 2019). Morphology of the Musculus Uvulae in Vivo Using MRI and 3D Modeling Among Adults With Normative Velopharyngeal Anatomy and Adults With Repaired Cleft Palate. Platform paper presented at the American Cleft Palate-Craniofacial Association 76th Annual Meeting, Tucson, AZ.
- Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Xiangming F, **Perry JL** (July, 2018). Velopharyngeal Structural and Muscle Variations in Children with 22q11.2 Deletion Syndrome. Presentation at the 10<sup>th</sup> Biennial International 22q11.2 Conference; Whistler, BC, Canada. \* *Highest scoring poster category*
- Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Xiangming F, **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.
- Kotlarek KJ, Waterman M, **Perry JL** (November, 2018). Morphology of the Orbicularis Oris Muscle in Male and Female Adults Using MRI. Poster session at the American Speech-Language-Hearing Association Convention, Boston, MA.
- Kotlarek KJ, Medeiros-Santana MN, Yamashita R, **Perry JL** (November, 2018). Is Visual Inspection a Reliable Indicator of Velar Length? Poster session at the American Speech-Language-Hearing Association Convention, Boston, MA.
- Perry JL**, Watterson T, Grames LM, Kotlarek KJ (November, 2018). Step-By-Step Guide to Performing Velopharyngeal Assessments: Videofluoroscopy, Nasopharyngoscopy, MRI. Platform two hour seminar at the American Speech-Language-Hearing Association Convention, Boston, MA.
- Spoloric KH, Kotlarek KJ, Kollara L, **Perry JL**, Baylis A, Kirschner R, Bates D, Smith M (November, 2018). Differences in the Tensor Veli Palatini Between Children With and Without 22q11.2 DS Using 3D MRI. Poster session at the American Speech-Language-Hearing Association Convention, Boston, MA.
- Engler K, Kotlarek KJ, **Perry JL** (November, 2018). Morphological Variations of the Velum in Normal Individuals. Poster session at the American Speech-Language-Hearing Association Convention, Boston, MA.
- Medeiros-Santana MN, Kotlarek KJ, Yamashita R, **Perry JL** (November, 2018). Anthropometric Analysis of the Velopharynx and Craniometric Dimensions in Brazilians With Repaired Cleft Palate. ePoster session at the American Speech-Language-Hearing Association Convention, Boston, MA.
- Kotlarek KJ, Blemker S, **Perry JL** (April, 2018). Comparison of Velopharyngeal Dimensions Between Children With and Without Repaired Cleft Palate. Platform paper presented at the American Cleft Palate-Craniofacial Association 75th Annual Meeting, Pittsburgh, PA.
- Kotlarek KJ, Kotlarek J, Reitnauer PJ, **Perry JL** (April, 2018). Craniofacial, Velopharyngeal, and Speech Variations in Siblings With Pierre Robin Sequence. Poster presented at the American Cleft Palate-Craniofacial Association 75th Annual Meeting, Pittsburgh, PA.
- Haenssler AE, Baylis A, Kirschner R, Kollara L, Fang X, **Perry JL** (November, 2018). The Interaction of Cranial Base Features, Cerebellar Volume, and Velopharyngeal Structures in 22q11.2 Deletion Syndrome. Poster Presentation at the American Speech-Language-Hearing Association (ASHA) Convention, Boston, MA.

- Middleton S, Haenssler AE, **Perry JL** (October, 2018). Normative Adenoid Development From Infancy Through Adulthood. Poster presentation at the Biomedical Engineering Society Conference, Atlanta, GA.
- Haenssler AE, Baylis A, Kirschner R, Kollara L, Fang X, **Perry JL** (September, 2018). Relationship Among Cerebellar Volume, Cranial Base Structures and Velopharyngeal Structures in Children With 22q11.2 Deletion Syndrome. Poster Presentation at the 2<sup>nd</sup> International Symposium on Velopharyngeal Dysfunction Conference, Columbus, Ohio.
- Haenssler AE, Baylis A, Kirschner R, Kollara L, Fang X, **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. Poster Presentation at the 11<sup>th</sup> Biennial International 22q11.2 Conference, Whistler, BC, Canada.
- Medeiros MNL, **Perry JL**, Paciello Yamashita R (November, 2017). Does the Method of Evaluation for the Velum Length and the Pharyngeal Depth Influence Clinical Outcomes? 5<sup>th</sup> International Symposium of Orofacial Clefts and Related Anomalies, University of Sao Paulo, Brazil.
- Medeiros MNL, Favaretto FSR, **Perry JL**, Fukushima AP, Yamashita R (November, 2017). Facial Measurements: Reliability and Correlation Between Two Instruments. 5<sup>th</sup> International Symposium of Orofacial Clefts and Related Anomalies, University of Sao Paulo, Brazil.
- Kollara L, Radack E, **Perry JL** (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 JL** (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 JL** (April, 2017). Assessing the Nasalance of Native Mandarin Speakers in Mandarin and English. Oral presentation at the 2017 CAHS Research Day, East Carolina University, NC.
- Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Xiangming F, 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.
- Kotlarek KJ, **Perry JL** (April, 2017). Levator Veli Palatini Muscle Morphology in Adults With Repaired Cleft Palate Using MRI. Poster presentation at the East Carolina University College of Allied Health Research Day, Greenville, NC.
- Hughes AJ, Kotlarek KJ, **Perry JL** (April, 2017). Differences in Levator Veli Palatini Muscle Volume Between Children with and Without Repaired Cleft Palate. Poster presentation at the East Carolina University College of Allied Health Research Day, Greenville, NC.
- Engler K, Kotlarek KJ, **Perry JL** (April, 2017). The Influence of Maxillary Advancement on Speech Production: A Systematic Review of the Literature. Best Medical Poster at the East Carolina University College of Allied Health Research Day, Greenville, NC.
- Pelland C, Tran T, Kollara L, Lin K, **Perry JL**, 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, Pelland C, Blemker S, **Perry JL** (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 JL** (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 JL**, 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.
- Kotlarek KJ, **Perry JL** (March, 2017). Levator Veli Palatini Muscle Morphology in Adults With Repaired Cleft Palate Using MRI. Poster session at the American Cleft Palate-Craniofacial Association (ACPA) 74th Annual Meeting, Colorado Springs, CO.
- Schenck GC, Kollara L, Kuehn DP, Fang X, **Perry JL** (November, 2016). Effects of Surgery & CPAP Therapy on the Velopharyngeal Mechanism: A Single Case Study Report. Technical research session at the American Speech-Language-Hearing Association (ASHA) Annual Convention, Philadelphia, PA.
- Mason, KN, Pua, E, **Perry, JL** (November, 2016) "Remediation of the Posterior Nasal Fricative: Assessing Physiological Changes With MRI". Poster presentation at the American Speech-Language and Hearing Association Conference, Philadelphia, PA.
- Kotlarek KJ, **Perry JL** (November, 2016). Morphology of the Levator Veli Palatini Muscle in Cleft Palate Using Magnetic Resonance Imaging. Technical research session at the American Speech-Language-Hearing Association (ASHA) Convention, Philadelphia, PA.
- Mason, KN, Hauhuth, K, Wells, E, **Perry, JL** (November, 2016) "Cross Sectional Changes in Vocal Tract Volume from School Age through Adolescence". Meritorious Presentation at the American Speech-Language and Hearing Association Conference, Philadelphia, PA.
- Kollara L, **Perry JL**, Kirschner R, Bates G, Smith M, Xiangming F, Baylis A (July, 2016). MRI Evaluation of Velopharyngeal Structures in Children With 22q11.2 DS. Poster presentation at the 10th Biennial International 22q11.2 Conference, Sirmione, Italy.
- Perry JL**, Zajac D (April, 2016). Tips for Writing a Successful Grant Proposal. American Cleft Palate-Craniofacial Association Conference (ACPA) 73<sup>rd</sup> annual meeting and Symposium, Atlanta, GA.
- Mason K, **Perry JL** (April, 2016). Do Age Related Changes Exist Between the Level of Velopharyngeal Closure and the Cervical Spine? American Cleft Palate-Craniofacial Association Conference (ACPA) 73<sup>rd</sup> annual meeting and Symposium, Atlanta, GA.
- Kotlarek KJ, **Perry JL** (April, 2016). Morphology of the Levator Veli Palatini Muscle in Cleft Palate Using Magnetic Resonance Imaging. Oral Session presented at Research and Creative Achievement Week (RCAW), Greenville, 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 as a poster session 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. Presented as a poster session at the Research and Creative Achievement Week (RCAW), East Carolina University, NC.
- Ritter A, Pfeiffer L, Kollara L, **Perry JL** (April, 2016). MRI Investigation of the Superior Pharyngeal Constrictor Muscle (April, 2015). Presented as a poster session at the Research and Creative Achievement Week (RCAW), East Carolina University, NC.
- Kotlarek KJ, **Perry JL** (April, 2016). Morphology of the Levator Veli Palatini Muscle in Cleft Palate Using Magnetic Resonance Imaging. Oral Session presented at Communication Sciences and Disorders Research Day, Greenville, NC.
- Schenck G, **Perry JL** (April, 2016). Utilization of Velopharyngeal Muscle Morphology for Advanced Treatment of Submucous Cleft Palate. American Cleft Palate-Craniofacial Association Conference (ACPA) 73<sup>rd</sup> annual meeting and Symposium, Atlanta, GA.
- Kollara L, **Perry JL** (April, 2016). MRI Investigation of the Velopharyngeal Mechanism in the 22q11.2 DS Population Without the Use of Sedation. American Cleft Palate-Craniofacial Association Conference (ACPA) 73<sup>rd</sup> annual meeting and Symposium, Atlanta, GA.
- Perry JL**, Blemker S (April, 2016). How Can MRI and Computational Modeling Inform Clinical Decisions in Cleft Palate: Current and Future Developments. American Cleft Palate-Craniofacial Association Conference (ACPA) 73<sup>rd</sup> annual meeting and Symposium, Atlanta, GA.
- Pelland K, **Perry JL**, Blemker S (April, 2016). Combining Dynamic Imaging and Computational Modeling to Estimate Activity During Speech. American Cleft Palate-Craniofacial Association Conference (ACPA) 73<sup>rd</sup> annual meeting and Symposium, Atlanta, GA.

- Jaskolka M, **Perry JL**, Edwards S, Kelly K (April, 2016). Multidisciplinary Approach to Maxillary Alveolar Bone Grafting: More Than Just the Surgery. American Cleft Palate-Craniofacial Association Conference (ACPA) 73<sup>rd</sup> annual meeting and Symposium, Atlanta, GA.
- Kollara L, Schenck GC, **Perry JL**, Jaskolka M (November, 2015). 22q11.2 Deletion Syndrome: A Single Case Study Investigation Using MRI. Presented as a poster session at the American Speech-Language-Hearing Association (ASHA), Denver, CO
- Schenck GC, **Perry JL**, Fang X (November, 2015). Examination of the Velopharyngeal Musculature in Submucous Cleft Palate: Clinical Implications for Advanced Treatment. Technical research session presented at the American Speech-Language-Hearing Association (ASHA) Annual Convention, Denver, CO.
- Sana A, **Perry JL**, Tabrizi N (February, 2015). Investigating Velopharyngeal Closure Force With Linear Regression. IEEE International Conference on Biomedical and Health Informatics of the IEEE Engineering in Medicine and Biology Society, Orlando, FL.
- Sana A, **Perry JL**, Tabrizi N (December, 2015). A Review of Image Segmentation Techniques for Tracking the Velum. International Conference on Computational Science and Computational Intelligence, Las Vegas, NV.
- Kollara L, **Perry JL**, Xiangming F (April, 2015). Extravelar and Intravelar Morphology of the Levator Veli Palatini: Implications for Cleft Palate Speech. Platform Paper Presentation at American Cleft Palate-Craniofacial Association Conference (ACPA), Palm Springs, CA.
- Schenck GC, **Perry JL** (April, 2015). Normative Velopharyngeal Data in Infants: Implications for Treatment of Cleft Palate. Paul Black Junior Investigator Session: American Cleft Palate-Craniofacial Association Conference (ACPA) 72<sup>nd</sup> Annual Meeting and Symposium, Palm Springs, CA.
- Inouye J, **Perry JL**, Lin K, Blemker S (April, 2015). A Novel Three Dimensional Multi-Muscle Palate Model: Effects of the Musculus Uvulae on Velopharyngeal Closure and Hypernasality Risk in Patients With a Cleft. American Cleft Palate-Craniofacial Association Conference (ACPA), Palm Springs, CA.
- Perry JL**, Kollara L, Schenck G, Fang X, Kuehn D, Sutton B (April, 2015). Pre and Post-Pubertal Changes: the Effect of Growth on the Velopharyngeal Anatomy. American Cleft Palate-Craniofacial Association Conference (ACPA), Palm Springs, CA.
- Perry JL**, Schenck G, Kollara L, Mason K, Kuehn D, Sutton B (April, 2015). How Does Dynamic MRI Compare to Nasendoscopy for the Study of Velopharyngeal Function? American Cleft Palate-Craniofacial Association Conference (ACPA), Palm Springs, CA.
- Broadwell KR, **Perry JL**, Kollara L, Nyswonger JC (November, 2014). Aerodynamic Speech Characteristics in Upright Versus Supine Positions. Poster Session at American Speech-Language-Hearing Association (ASHA), Orlando, FL.
- Schenck GC, **Perry JL** (November, 2014). Cleft Palate & Craniofacial Anomalies: A Unique Specialty for Practicing & Prospective Speech-Language Pathologists. Poster presentation at the American Speech Language and Hearing Association (ASHA) Annual Convention, Orlando, FL.
- Nyswonger J, **Perry JL** (April, 2014). Levator veli palatini muscle morphology in adults with repaired cleft palate. Poster Session at American Cleft Palate-Craniofacial Association Conference (ACPA), Indianapolis, IN.
- Kollara L, **Perry JL**, Suzanne H (November, 2014). Racial Variations in Velopharyngeal and Craniometric Morphology in Children: An Imaging Study. Presented as a 30-minute oral technical research session at the American Speech-Language-Hearing Association (ASHA), Orlando, FL.
- Perry JL**, Mandulak KC, Dixon A, Kinter S, Deluca K (September, 2014). Evaluation and Treatment of Speech Disorders Associated With Cleft Palate. ASHA Schools Conference, Pittsburgh, PA.
- Perry JL**, Kuehn DP, Sutton BP (April, 2014). Structural and Functional Assessment of Speech in Young Children Using Dynamic Magnetic Resonance Imaging. Platform Paper Presentation at American Cleft Palate-Craniofacial Association Conference (ACPA), Indianapolis, IN.
- Rahimian P, **Perry JL**, Tabrizi N (April, 2014). Using Synchronized Audio Mapping to Predict Velar and Pharyngeal Wall Locations During Dynamic MRI Sequences. Poster Session at American Cleft Palate-Craniofacial Association Conference (ACPA), Indianapolis, IN.
- Perry JL**, Kuehn D, Sutton B, Gamage J (November, 2013). Variations in Craniofacial and Velopharyngeal Structures Based on Race and Gender. Poster Session at American Speech-Language-Hearing Association (ASHA), Chicago, IL.

- Kollara Sunil L, **Perry JL** (November, 2013). Normative Velopharyngeal Data on African American Children Using MRI. Poster Session at American Speech-Language-Hearing Association (ASHA), Chicago, IL. *\*Meritorious award.*
- Schenck GC, **Perry JL** (November, 2013). Craniometric and Velopharyngeal Assessment in Caucasian Infants. Poster Session at American Speech-Language-Hearing Association (ASHA), Chicago, IL.
- Schenck GC, Kollara Sunil L, **Perry JL**, Winslow S, Martin A (November, 2013). Continuous Positive Airway Pressure Therapy for Treatment of Hypernasality: A single case study. Poster Session at American Speech-Language-Hearing Association (ASHA), Chicago, IL.
- Zhao M, Holtrop J, **Perry JL**, Kuehn DK, Liang Z, Sutton B (May, 2013). High-Frame-Rate Full-Vocal-Tract Imaging Based on the Partial Separability Model and Volumetric Navigation. International Society of Magnetic Resonance in Medicine. Salt Lake City, UT.
- Perry JL**, Kuehn D, Sutton B (May, 2013). Using MRI and 3D Modeling to Examine the Musculus Uvulae in Adults With and Without Cleft pPalate. 12<sup>th</sup> International Congress for Cleft Lip/Palate and Related Craniofacial Anomalies.
- Perry JL**, Kuehn D, Sutton B, Gamage J (May, 2013). Does Race or Sex Matter? MRI Analyses of the Velopharyngeal Mechanism in Three Different Adult Populations. 12<sup>th</sup> International Congress for Cleft Lip/Palate and Related Craniofacial Anomalies.
- Perry JL**, Sutton B, Kuehn D, Gamage J (November, 2012). Sexual Dimorphism of the Levator Veli Palatini Muscle: Imaging Study. Poster Session at American Speech-Language-Hearing Association (ASHA), Atlanta, GA. Meritorious award.
- Kollara Sunil L, **Perry JL**, (November, 2012). Do We Need an SLP on a Surgical Mission Trip? Poster Session at American Speech-Language-Hearing Association (ASHA), Atlanta, GA
- Perry JL**, Mandulak K (November, 2012). Evaluation and Treatment of Speech Disorders Associated with Cleft Palate. Poster Session at American Speech-Language-Hearing Association (ASHA), Atlanta, GA.
- Perry JL**, Kuehn DP, Sutton BP, Gamage J (April, 2012). Interaction of Craniometric Measurements and Levator Muscle Morphology. Poster Session at American Cleft Palate-Craniofacial Association Conference (ACPA), San Jose, CA.
- Perry JL**, Kuehn D, Sutton B (November, 2011). Morphology of the Levator Veli Palatini Muscle. Meritorious Poster distinction; Poster Session at American Speech-Language-Hearing Association (ASHA), San Diego, CA.
- Perry JL**, Sutton B, Kuehn D, Brockenbrough J (April, 2011). New MRI Techniques for Assessing Velopharyngeal Structure and Function. Poster Session at American Cleft Palate-Craniofacial Association Conference (ACPA), San Juan, PR.
- Perry JL**, Kuehn D, Sutton B, Bailey J, Wachtel J, Brockenbrough J, Manness W (April, 2011). Does the Morphology of the Levator Veli Palatini Muscle Really Matter? Poster Session at American Cleft Palate-Craniofacial Association Conference (ACPA), San Juan, PR.
- Perry JL** & Cunningham, L (November, 2010). Students' Perception of Using 3D Computer Technology for Enhancing Learning. Poster presentation at the American Speech-Language-Hearing Association (ASHA); Philadelphia, PA.
- Perry JL**, Bae Y, Kuehn D (November, 2010). Videofluorographic Investigation of Supine versus Upright Posture during Swallowing. Poster presentation at the American Speech-Language-Hearing Association (ASHA); Philadelphia, PA.
- Perry JL**, Kuehn D, Bailey J, Luginbuhl L (November, 2010). Using MRI to Evaluate Children with Suspected Submucous Cleft Palate. Technical platform presentation at the American Speech-Language-Hearing Association (ASHA); Philadelphia, PA.
- Perry JL**, Sutton, Kuehn, & Brockenbrough (October, 2010). New MRI Techniques and 3D Computer Technologies for Assessing Velopharyngeal Structure and Function. Imaging Without Boundaries, Beckman Institute for Advanced Science and Technologies, Urbana, IL.
- Cunningham L & **Perry JL** (April, 2010). Using Computer Technology to Improve Students' Understanding of Cleft Palate Surgery. Poster session at the Illinois State University Undergraduate Research Symposium, Normal, IL.
- Luginbuhl L & **Perry JL** (March, 2010). MRI of the Velopharynx. Poster session at the Illinois State University Graduate Research Symposium, Normal, IL.

- Perry JL**, Kuehn D, Cunningham L (March, 2010). Improving Students' Understanding of Cleft Palate Surgery through Computer Technology. Poster Session at American Cleft Palate-Craniofacial Association Conference (ACPA), Fort Worth, TX.
- Perry JL** (March, 2010). Variations in Velopharyngeal Structures Between Upright and Supine Positions Using Upright Magnetic Resonance Imaging. Poster Session at American Cleft Palate-Craniofacial Association Conference (ACPA), Fort Worth, TX.
- Perry JL**, Kuehn D, Bailey J, Wachtel J (March, 2010). Using Magnetic Resonance Imaging and Computer Modeling to Evaluate Submucous Cleft Palate. Show and Tell Session at American Cleft Palate-Craniofacial Association Conference (ACPA), Fort Worth, TX.
- Bae Y, **Perry JL**, Kuehn D (November, 2009). Videofluorographic Investigation of Supine versus Upright Posture during Speech. Presented as a poster presentation at the American Speech-Language-Hearing Association (ASHA), New Orleans, LA.
- Perry JL**, Kuehn D, Sutton B, Bailey J (October, 2009). Computer Technology and MRI to Study the Anatomy and Physiology of the Velopharyngeal Mechanism. Poster presentation at the Imaging at Illinois conference (Beckman Institute, Urbana IL).
- Perry JL**, Kuehn D, Sutton B, Goldwasser M, Jerez A, Bailey J (April, 2009). Using Patient-Specific MRI and 3D Computer Modeling to Study Normal and Abnormal Velopharyngeal Anatomy. Poster presentation at the American Cleft Palate-Craniofacial Association Conference (ACPA), Scottsdale, AZ.
- Perry JL** (January, 2009). Using Computer Technology and Stereoscopy to Create a 3D Learning Experience for Students Studying Cleft Palate Surgery. Presented as a platform presentation at the Center for Teaching, Learning, and Technology (CTLT) symposium.
- Perry JL**, Kuehn D, Sutton B, Goldwasser M, & Jerez A (November, 2008). Levator Veli Palatini Muscle Before and After Primary Palatoplasty. Technical paper presentation at the American Speech Language and Hearing Association convention (ASHA), Chicago, IL.
- Perry JL**, Kuehn D, Sutton B, Goldwasser M, Jerez A, & Bailey J (November, 2008). MRI & 3D Computer Technology to Study Cleft Palate Anatomy & Surgical Intervention. Poster presentation at the American Speech Language and Hearing Association convention (ASHA), Chicago, IL.
- Perry JL**, Kuehn D, Langlois R (November, 2008). Using Computer Technology to Provide Students with a Three Dimensional Learning Experience. Technical paper presentation at the American Speech Language and Hearing Association convention (ASHA), Chicago, IL.
- Perry JL**, Kuehn D, Sutton B, & Goldwasser (April, 2008). MRI and 3D Computer Technology to Study the Levator Veli Palatini Muscle Before and After Primary Palatoplasty. Presented as a 20-minute video presentation at the American Cleft Palate-Craniofacial Association Conference (ACPA), Philadelphia, PA.
- Perry JL**, Kuehn D, Sutton B, Goldwasser M, Jerez A, & Bailey J (March, 2008). MRI and 3D Computer Technology to Study Cleft Palate Anatomy and Surgical Intervention. Paul C. Lauterbur Memorial Symposium, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana-Champaign.
- Kuehn D, **Perry JL**, Goldwasser M, & Sutton B (August, 2007). Magnetic Resonance Imaging and 3D Computer Modeling of the Velopharyngeal Musculature in Normals and Individuals with Cleft Palate. 27<sup>th</sup> World Congress of the International Association of Logopedics and Phoniatrics, Copenhagen, Denmark.
- Perry JL**, Kuehn D, Sutton B, & Goldwasser M (April, 2007). MRI and 3D Computer Technology for Creating Surgical Simulations of Cleft Palate Repair. College of Medicine Research Day, Urbana, IL.
- Perry JL**, Kuehn D, & Goldwasser M (October, 2006). Magnetic Resonance Imaging and 3D Computer Modeling of the Levator Veli Palatini Muscle Before and After Primary Palatoplasty. Presented as a poster session at the American Association of Oral and Maxillofacial Surgeons Conference (AAOMS), San Diego, CA.
- Perry JL** & Kuehn D (April, 2006). 3D Computer Reconstruction of the Velopharyngeal Mechanism. Presented in the new investigators session at the American Cleft Palate-Craniofacial Association Conference (ACPA), Vancouver, Canada.
- Sutton B, Kuehn D, & **Perry J** (March, 2006). Computer Modeling and MRI in the Characterization and Treatment of Cleft Palate. Presented as a one-hour session at the 3T Data Blitz series at the Biomedical Imaging Center (BIC), University of Illinois, Urbana-Champaign.

- Perry JL** & Kuehn D (February, 2006). 3D Computer Reconstruction of the Velopharyngeal Mechanism. Presented as a 15-minute session at the Illinois Speech-Language-Hearing Association Conference (ISHA), Rosemont, IL.
- Perry JL** & Kuehn D (September, 2005). 3D Computer Reconstruction of the Velopharyngeal Mechanism. Presented as a one-hour session at the Institute for Imaging Technology Group, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana-Champaign.
- Perry JL** & Kuehn D (February, 2005). Stereoscopic Imaging in Medical Sciences. Presented as part of a seminar series on Teaching and Learning with Technology at the University of Illinois, Urbana-Champaign.
- Kuehn D, **Perry JL**, & Langlois R (February, 2005). Compass as an Aid in Classroom Technology. Presented to the Applied Life Studies Teaching Academy at the University of Illinois, Urbana-Champaign.
- Perry JL** & Kuehn D (November, 2005). Stereoscopic Imaging in Medical Sciences. Presented as a one-hour session at the American Speech Language and Hearing Association convention (ASHA), Philadelphia, PA.
- Kuehn D, **Perry JL**, & Shinagawa H (August, 2005). Dynamic Magnetic Resonance Imaging and Rendering of the Velopharyngeal Musculature during Dynamic Production. Presented as a one-hour proseminar in the Department of Speech and Hearing Science at the University of Illinois, Urbana-Champaign.
- Perry JL** (October, 2004; December, 2004). Writing Effective and Efficient SOAPs and Lesson Plans for the Hospital Setting. Presented as a series of seminars for graduate students enrolled in the Department of Speech and Hearing Science at the University of Illinois, Urbana-Champaign.

### **FUNDED GRANT AND FELLOWSHIP PROPOSALS**

- Sitzman, T, Tse, R, **Perry, JL**, Ishman S, Baylis, A. (2020). Velopharyngeal insufficiency following cleft palate repair: a comparative effectiveness study of existing surgical procedures and identification of criteria to guide a personalized treatment approach. NIH NIDCR U01 (U01DE029750), Amount: \$4,312,338.00  
Role: Co-I
- Sutton, BP, **Perry JL**, Woo J (2019). Using Atlas-Driven Imaging for Determining Variations in Velopharyngeal Function among Children with Cleft Palate and Hypernasal Speech. NIH R01, Amount: \$2,402,138.  
Role: M-PI
- Mann R, **Perry JL**. (2019) An anatomic MRI Comparative Analysis Between Patients Born with Cleft Treated with the Z-Plasty Plus Buccal Flaps Type Repair and Patients Born Without Clefts. Helen DeVos Children's Hospital Research Grant. Amount: \$29,680. Role: M-PI
- Perry JL**, Jaskolka M. (2018). Investigation of Anatomical Changes Associated with the Use of a Pedicled Buccal Fat Pad Graft Used During Primary Palatoplasty. Oral Maxillofacial Surgery Association. Amount: \$75,000. Role: PI
- Kotlarek KJ, **Perry JL**, Blemker SS, Sutton BP, Jaskolka MS (2017). Investigation of Anatomical and Physiological Changes Following the Use of a Pedicled Buccal Fat Pad Graft During Primary Palatoplasty. National Institutes of Dental and Craniofacial Research; F31 Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship. Amount: \$62,888.00 direct costs.  
Role: Primary advisor
- Mason K, **Perry JL**, Riski JE. (2015). Examining the Insertion Site of Pharyngoplasties as an Outcome for Determining Success. Cleft Palate Foundation Junior Investigator Grant. American Cleft-Palate Craniofacial Association. Amount: \$5,000. Role: Primary advisor
- Schenck GC, **Perry JL**, Fang X (2015). Velopharyngeal Muscle Morphology in Children with Congenital Palatal Microforms. J. Daniel Subtelný Clinical Research Grant, Cleft Palate Foundation. Amount: \$5,000. Role: Primary advisor
- Perry JL**, Fafulas S, Holt Y, Mendez L (2015). Assessing Levels of Nasality Among Children Whose Primary Language is Spanish. Interdisciplinary Research Collaboration Award. Amount: \$15,900. Role: PI
- Rangarathnam B, **Perry JL**, Cox K, Wright H (2014). The Effects of Lab Instruction on the Knowledge and Self-Perception of Anatomy and Physiology Skill in Juniors in the Communication Sciences and Disorders Major. Council of Academic Programs in Communication Sciences and Disorders (CAPCSD). Amount: \$5,000. Role: Collaborator

- Perry JL, Blemker S (*multi-PI*)** (2014). MRI-Based Modeling to Understand Anatomical Basis of Velopharyngeal Dysfunction. National Institute of Deafness and Other Communication Disorders; R21. Amount: \$250,000 direct costs, \$463,934 total costs. Role: M-PI
- Perry JL, Marcus J, Kollara L** (2014). Morphological Variations in Velopharyngeal Muscles among Individuals with 22q11.2 Deletion Syndrome. Cleft Palate Foundation; Cleft Lip/Palate and Craniofacial Anomalies Research Grant. Amount: \$10,000. Role: PI
- Perry JL** (2011). Investigating Oral Aversion Tendencies in Babies with Cleft Palate. College of Arts and Science Summer Faculty Fellowship, Illinois State University, Normal. Total Amount requested: \$5,000. Role: PI
- Perry JL** (2010). Creating Interactive Laboratories to Improve Student Engagement and Interest in Anatomy and Physiology. Teaching and Learning Development Grant, Center for Teaching Learning and Technology, Illinois State University, Normal. Amount: \$1,500. Role: PI
- Perry JL** (2010). Do 3D stereoscopic computer animations improve student learning of surgical procedures? Scholarship of Teaching and Learning Travel Grant. Illinois State University, Normal. Amount: \$500. Role: PI
- Perry JL** (2009). Magnetic Resonance Imaging in Children with Secondary Surgical Treatment Plans. College of Arts and Science Faculty Research Award, Illinois State University, Normal. Amount: \$3,000. Role: PI
- Perry JL** (2009). Improving Students' Understanding of Submucous Cleft Palate through MRI and Computer Modeling. Teaching and Learning Development Grant, Center for Teaching Learning and Technology, Illinois State University, Normal. Amount: \$1,100. Role: PI
- Perry JL** (2009). Undergraduate Research Fellowship Program. Research and Sponsored Programs. Amount: \$3,500. Role: PI
- Perry JL, Kuehn D, Sutton B** (2009). MRI Analyses of the Velopharyngeal Mechanism among Four Adult Populations. National Institute of Deafness and Other Communication Disorders Small Grant Program (R03). Amount \$300,000 direct cost (\$435,306 total). Role: PI
- Perry JL** (2009). Virtual 3D Learning Laboratory for Anatomy and Physiology. Teaching and Learning Development Grant, Center for Teaching Learning and Technology, Illinois State University, Normal. Amount: \$1,500. Role: PI
- Perry JL** (2009). Magnetic Resonance Imaging and 3D Computer Reconstruction of the Velopharyngeal Mechanism in an Adult Subject. College of Arts and Science Pre-Tenure New Faculty Initiative Grant, Illinois State University, Normal. Amount: \$3,500. Role: PI
- Perry JL** (2008). Evaluation of Three-Dimensional Learning Tools for Studying Cleft Palate Surgery. Teaching Innovations Evaluation Grant, Center for Teaching Learning and Technology, Illinois State University, Normal. Amount: \$500. Role: PI
- Perry JL** (2007). Comparison of Palatal and Facial Soft Tissue Structures in Upright and Supine Position. College of Arts and Science New Faculty Initiative Grant, Illinois State University, Normal. Amount: \$3,500. Role: PI
- Perry JL** (2007). Using Computer Technology and Stereoscopy to Create a Three-Dimensional Learning Experience for Students Studying Cleft Palate Surgery. Center for Teaching Learning and Technology, Teaching and Learning Development Grant, Illinois State University, Normal. Amount: \$1,500. Role: PI

### **PROFESSIONAL ACTIVITY**

US Patent Pending #8375-004 (TF07161), Beckman Institute, University of Illinois, Urbana

*Title:* 3D Imaging of Anatomical Structures

*Inventors:* **Perry JL**, Kuehn DK, & Goldwasser, MG

### **ART EXHIBITIONS & DISPLAYS**

2011 Anatomical Illustrations for Seminar Series: Anatomy and physiology of the velopharyngeal mechanism. *Seminars in Speech and Language*, 32(2), 83-92.

2008 Anatomical Illustrations for Textbook: Anatomy and physiology of the velopharynx. In *Comprehensive Cleft Care* (pp. 557-68). McGraw-Hill.

2008 Art Exhibit for 3D Computer Technology, Parkland Community College, Champaign, IL



**TEACHING EXPERIENCE**

2011-present East Carolina University, Greenville, NC; Department of Communication Sciences and Disorders  
 Anatomy and Physiology of the Speech and Respiratory Mechanism  
 Introduction to Communication Sciences and Disorders  
 Cleft Palate Craniofacial Anomalies  
 Laryngectomy, Tracheostomy, and Ventilation  
 Neural Basis in Speech and Hearing Sciences  
 Apprenticeship  
 Independent study: research scholars' program  
 Doctoral colloquium  
 Multiculturalism  
 Research Design  
 Speech Science

2006-2011 Illinois State University, Normal; Department of Communication Sciences and Disorders  
*Visiting Instructor*, taught *Voice Disorders and Craniofacial Anomalies*  
*Assistant Professor*, taught undergraduate and graduate courses including:  
 Anatomy and Physiology of the Speech and Respiratory Mechanism  
 Introduction to Organic Disorders of Speech Language Pathology  
 Voice and Resonance Disorders  
 Neuropathophysiology & Motor Speech Disorders  
 Advanced Anatomy and Physiology (independent study option)  
 Independent study: research scholars' program

**STUDENT MENTORSHIP/RESEARCH EXPERIENCE**

***Undergraduate Research (Role—Primary Advisor):***

- Directed numerous undergraduate honors program research projects
- Spring 2009 Research Mentorship Scholarship: Samantha Schopp
- Summer 2009 Undergraduate Research Scholarship: Danielle Cunningham
- 2009 Undergraduate Research Fellowship Program: Danielle Cunningham (resulted in peer review publication, under review)
- Undergraduate Research and Creative Activity Award (2016): Kelly Hauhuth

***Graduate Research (Role—Primary Advisor):***

<b>Student Name</b>	<b>Title of study &amp; year completed</b>	<b>Research awards/funding</b>
<b>Graduate (MS) Research</b>		
Clair McNally	Assessment of adult neurogenic single case study (2009)	
Laura Luginbuhl	Assessment of the velopharynx in submucous cleft palate using magnetic resonance imaging (2010)*	
Ashley Dobbins	Assessing vocal attributes and awareness of speech services among LGBT (2011)*	
Jessica Sorgani	Vocal attributes among singers with unique singing features (2011)	
Maggie Wisniewski	Use of non-speech oral motor exercises among school SLPs treating resonance disorders (2011)	
Danielle Cunningham	Correlations among craniometric features and hyoid bone elevation (2011)*	
Jillian Nyswonger	Variations in velopharyngeal muscles among	SPARC ASHA scholarship

	adults with and without repaired cleft palate (2014)*	
Lakshmi Kollara-Sunil	Variations in velopharyngeal structures between the upright and supine position among children (2013)*	Moller Scholarship for Cleft Palate 2015 Excellence Scholarship Moller Scholarship for Cleft Palate
Katie Broadwell	Variations in upright and supine pressure-flow and nasalance scores among adults (2015)*	University Research Creativity Award
Holly Jordan	Correlations between craniometric measures and velopharyngeal valving function (2015)*	
Eshan Pua	Nasalance in Mandarin Speakers (2016)*	
<b>Graduate (PhD) Research</b>		
Graham Schenck	Utilization of Velopharyngeal Muscle Morphology for Advanced Treatment of Submucous Cleft Palate (2016)*	David Kuehn Scholarship Cleft Palate Foundation Subtely Speech Research Grant
Lakshmi Kollara-Sunil	Velopharyngeal Structural and Muscle Variations in Children with 22q11.2 Deletion Syndrome (2016)*	Linguistech NCSLHA-Student Achievement Award Cleft Palate Foundation Grant
Kazlin Mason	MRI Assessment of Post-Surgical Anatomy & Speech Outcomes Following Pharyngoplasties in Children with Cleft Palate (2017)*	Cleft Palate Foundation Junior Investigator Research Grant CAHS Grant Award CAPSCD Graduate Student Award
Katelyn Kotlarek	Investigation of Anatomical and Physiological Changes Following the Use of a Pedicled Buccal Fat Pad Graft During Primary Palatoplasty (2019)*	2018 David P. Kuehn Speech Scholarship NIH NIDCD F31 (1F31 DE027878-01)
Abigail Haenssler	Anatomical and Physiological Changes Following Primary Palatoplasty Using the Buccal Flap Approach ( <i>ABD, expected to graduate 2021</i> )	CAHS Grant Award David Kuehn Scholarship
Eshan Pua	<i>Currently enrolled, expected to graduate 2022</i>	
Neda Tahmasebifard	<i>Currently enrolled, expected to graduate 2023</i>	
Imani Gilbert	<i>Currently enrolled</i>	
Taylor Snodgrass	<i>Currently enrolled</i>	

\*indicates study resulted in one or more publications

**Graduate Student Co-Mentorship:** Graduate Student involvement/support with role as dissertation/thesis committee member and/or external reviewer/appraiser

Josh Inouye, University of Virginia  
Katie Pelland, University of Virginia  
Gillian de Boer, University of Toronto  
Vi Tran, University of Virginia  
Charlene Santoni, University of Toronto

### **PROFESSIONAL MEMBERSHIPS**

2012-present North Carolina Speech-Language Hearing Association  
2004-present American Cleft Palate Craniofacial Association  
2004-present American Speech-Language-Hearing Association (ASHA) Special Interest Division 5: Speech Science and Orofacial Disorders  
2005-2006 American Speech-Language-Hearing Association Special Interest Division 10: Issues in Higher Education  
2004-2011 Illinois Speech-Language-Hearing Association  
2001-present American Speech-Language-Hearing Association

## **SERVICE-UNIVERSITY**

- 2015-present Department Chair, Department of Communication Sciences and Disorders, East Carolina University
- 2015-present Administrative Council, College of Allied Health Sciences, East Carolina University
- 2020 Member, University Fiscal Sustainability Coordinating Committee, East Carolina University
- 2016-2017 Member, Personnel Committee for Department of Occupational Therapy, East Carolina University
- 2016-2017 Search Committee Member, Chair of Physical Therapy, East Carolina University
- 2015-2016 Search Committee Member, Dean, College of Allied Health Sciences, East Carolina University
- 2015-2016 Interim Department Chair, Department of Communication Sciences and Disorders, East Carolina University
- 2014-2017 Director Doctoral Program, Department of Communication Sciences and Disorders, East Carolina University
- 2013-2015 University Writing College Liaison, College of Allied Health Sciences, East Carolina University
- 2013-2015 Search Committee Chair, Chair, Department of Communication Sciences and Disorders, College of Allied Health Sciences (ECU)
- 2013-2015 Personnel committee (ECU)
- 2013-2014 Search Committee Member, Associate Dean for Research, College of Allied Health Sciences (ECU)
- 2012-2015 Search Committee Member, Faculty Positions (ECU)
- 2012-2013 Faculty Welfare Committee, East Carolina University
- 2011-2017 Undergraduate Curriculum Committee Member and Undergraduate Student-Advisor, Department of Communication Sciences and Disorders, East Carolina University.
- 2010-2011 Grant-Writing Mentorship Program. Award given to faculty member who demonstrates success in grant writing and is to serve as a mentor to a new faculty member to the institution.
- 2010-2011 Department Institutional Review Board (IRB) Representative, Illinois State University, Normal
- 2010 Department SLP KASA Project Review Committee, Department of Communication Science and Disorders, Illinois State University, Normal
- 2010 Chair, Department Space and Equipment Committee, Department of Communication Science and Disorders, Illinois State University, Normal
- 2010 Department Status Faculty Committee member, Department of Communication Sciences and Disorders, Illinois State University.
- 2010 College Curriculum Committee, College of Arts and Sciences, Illinois State University, Normal
- 2009-2010 Faculty Coordinator, Cleft Club, Illinois State University, Normal
- 2009-2010 Grant-Writing Mentorship Program. Award given to faculty member who demonstrates success in grant writing and is to serve as a mentor to a new faculty member to the institution.
- 2009-2010 Department Research Seminar Committee, Department of Communication Science and Disorders, Illinois State University, Normal
- 2008-2010 Imaging Technology Support Staff, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana-Champaign
- 2009 Grant Writing Research Panel Member, Research and Sponsored Programs, Illinois State University, Normal
- 2007-2009 Department Strategic Planning Committee, Department of Communication Science and Disorders, Illinois State University, Normal
- 2007 Visualization Media and Imaging Laboratory search committee, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana, IL
- 2005 National Science Olympiad, University of Illinois at-Urbana Champaign; hosted a booth for students to learn about issues related to speech and hearing sciences

## **SERVICE-CLINICAL**

- 2012-present Cleft Palate Team, New Hannover Medical Center, Wilmington, NC
- Performed evaluations and student training on cleft palate care
- 2009-2011 Eckelmann-Taylor Speech and Hearing Clinic Supervisor, Normal, IL

- Performed evaluations, trained students on evaluation and treatment methods, supervised graduate students in the clinic
- 2003-2012 Cleft Palate Team, Carle Hospital, Urbana, IL
- 2007-2011 Illinois State University, Normal; Department of Communication Sciences and Disorders
- Performed evaluations and team care for individuals with craniofacial anomalies
  - Trained and supervised graduate students in the on-campus clinic
  - Performed and provided training for students in evaluation and therapy
- 2003-2007 University of Illinois, Urbana-Champaign; Department of Speech and Hearing Science
- Trained and supervised graduate students in the on-campus clinic
  - Performed and provided training for students in evaluation and therapy
  - Provided training in patient counseling
  - Participated in clinical faculty meetings
- 2003-2004 Franklin Middle School, Champaign, IL; Lead Speech-Language Pathologist.
- 2001-2003 Cleft Palate Team, Rockford Memorial Hospital, Rockford, IL

### **SERVICE-NATIONAL**

- 2019-present Editor in Chief, Cleft Palate Craniofacial Journal
- 2019-2020 Section Editor, Cleft Palate Craniofacial Journal
- 2018 NIH Small Business Application in Orthopedic, Skeletal Muscle and Oral Sciences review panel member (ZRG1 MOSS D10) (February)
- 2016-2017 American Speech Language Hearing Association Practice Portal subject matter expert and reviewer, Cleft Lip and Palate Portal
- 2016-present Chair Education Committee, American Cleft Palate Craniofacial Association
- 2015 NIH NIDCD Study Section Reviewer for July review cycle
- 2015 NIH NIDCD Study Section Reviewer for October review cycle
- 2015-2017 Outcomes Research Evaluation Task Force Member, American Cleft Palate Craniofacial Association
- 2014-2017 Cleft Palate Foundation Grants Chair, Cleft Palate Foundation
- 2014-2015 Nominations Committee Chair, American Cleft Palate Craniofacial Association
- 2014-2017 Professional Development Manager, Special Interest Group 5, American Speech Language Hearing Association
- 2013-2014 Challenge Team Task Force Chair, American Cleft Palate Craniofacial Association. Task force for reorganizing the association structure
- 2012-2013 American Cleft Palate Craniofacial Association (ACPA) annual meeting program committee member
- 2012-2014 Continuing Education Committee Member, Special Interest Group 5, American Speech Language Hearing Association
- 2013 ASHA Topic Committee Chair, Voice, Resonance, and Alaryngeal Speech; Cleft Palate Craniofacial Subgroup
- 2012 ASHA Topic Committee Chair, Voice, Resonance, and Alaryngeal Speech; Cleft Palate Craniofacial Subgroup
- 2007-present Journal Reviewer: Journal of Speech-Language-Hearing Research; Cleft Palate Craniofacial Journal; Speech, Hearing, Language Journal; European Radiology;
- 2009-2012 Chair, Electronic Communication Committee for Special Interest Division 5 (Speech Science and Orofacial Disorders), American Speech-Language-Hearing Association (ASHA)
- 2007-2008 American Speech-Language-Hearing Association (ASHA) 2008 Discipline Wide Research Topic Conference Coordinator and Reviewer

### **SERVICE-INTERNATIONAL**

- 2017-present International Global Organization Planning Committee, committee member representing ACPA in the creation of international guidelines for cleft care
- 2017 Health Education English (HEE), National Institute for Health Research (NIHR), Integrated Clinical Academic (ICA) Program Senior Clinical Leadership, guest review panel member
- 2012 InterSpeech 2012; Special Session 5 Program Review Committee Member

- 2012 12<sup>th</sup> International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies Program  
Review Committee Member
- 2012 Cleft Palate Medical Mission Trip, Villahermosa, Mexico
- 2009 Cleft Palate Medical Mission Trip, Trinidad, Port of Spain
- Performed speech and orofacial diagnostics for 65 patients
  - Provided training for local hospital workers in the area of speech diagnosis/treatment
  - Performed post-surgical follow up assessments and created treatment plans for patients
  - Trained SLP-doctoral student during trip

### **HONORS AND AWARDS**

- 2019 American Speech Language Hearing Association (ASHA) Fellow
- 2019 East Carolina University 5-Year Achievement for Excellence in Research and Creative Activity Award
- 2017 East Carolina University Scholar Award
- 2016 Editor's Award, Journal of Speech Language and Hearing Research (JSLHR, 2015 publication distinction), American Speech-Language Hearing Association
- 2016 Teacher Scholar Award, East Carolina University
- 2014 Dean's Award for Outstanding Research, Recipient. College of Allied Health Sciences, East Carolina University
- 2011/13 Award for Continuing Education, American Speech-Language Hearing Association
- 2012 Meritorious Poster Distinction, ASHA, Atlanta, GA
- 2011 Meritorious Poster Distinction, ASHA, San Diego, CA
- 2011 Professor of the Year Award. Department of Communication Sciences and Disorders, Illinois State University
- 2011 Research Initiative Award. College of Arts and Sciences, Illinois State University
- 2009 Online Faculty Mentor for new and early-career faculty. Center for Teaching, Learning, and Technology
- 2008 Grant-Writing Mentorship Summer Program
- 2008 Grant-Writing Mentorship Program. Nominated among first and second year 2007-2008 ISU faculty
- 2006 Phyllis Ariens Burkhead Memorial Fellowship Award for excellence in clinical research