

## **EAST CAROLINA UNIVERSITY**

### **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

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

2015-present 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**

- Mason KN, Hauhuth K, **Perry JL**, Riski JE. (in press). Evaluating the Accuracy of Using at Rest Images to Determine the Height of Velopharyngeal Closure. *Journal of Craniofacial Surgery*.
- Perry JL**, Kotlarek K, Mendez L, Holt Y, Fafulas S, Broadwell, K (in press). Nasometric Comparison Between Spanish-English Bilingual and English Monolingual Children. *Cleft Palate Craniofacial Journal*
- George TN, Kotlarek KJ, Kuehn DK, Sutton BP, **Perry JL**. (in press). 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*.
- Perry JL**, Kotlarek K, Sutton BP, Kuehn DP, Jaskolka M, Fang X, Point SW, Rauccio F. (in press). Variations in velopharyngeal structure in adults with repaired cleft palate. *Cleft Palate-Craniofacial Journal*.
- Perry JL**, Mason K, Sutton BP, Kuehn DK. (in press) Can dynamic MRI be used to accurately identify velopharyngeal closure patterns? *Cleft Palate-Craniofacial Journal*.
- Mason K, Riski JE, **Perry JL** (in press). 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*.
- Mason KN, Stockstill JW, **Perry JL** (in press). Growth of the Craniofacial Complex and its Relationship to Pierre Robin Sequence: A Narrative Review. *International Journal on Disability and Human Development*
- Mason K, Riski JE, **Perry JL** (in press). Changes in the Level of Velopharyngeal Closure Relative to the Cervical Spine from Infancy through Adolescence in patients with cleft palate. *Cleft Palate-Craniofacial Journal*.
- 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.
- Perry JL**, Kuehn DP, Sutton BP, Fang X (2017). Velopharyngeal structural and functional assessments of speech in young children using dynamic magnetic resonance imaging. *Cleft Palate-Craniofacial Journal*, 54(4), 408-422.
- Kotlarek KJ, **Perry JP** (2017). Morphology of the Levator Veli Palatini Muscle in Adults with Repaired Cleft Palate. *Journal of Craniofacial Surgery*, 28(3), 833-837.
- 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.
- Fu M, Barlaz MS, Holtrop JL, **Perry JL**, Kuehn DP, Shosted RK, Liang Z, Sutton BP (2017). High-resolution full-vocal-tract 3D dynamic speech imaging. *Magnetic Resonance in Medicine*. 77(4), 1619-1629. Doi: 10.1002/mrm.26248. PMID: 27099178.
- 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.
- 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. Doi: 10.1097/SCS.0000000000002722. PMID: 27607114.
- 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.

- 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. Doi: 10.1097/SAP.0000000000000777. PMID: 27070673.
- 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. doi: 10.1097/SCS.0000000000002744; PMID: 27391503.
- 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. doi: 10.1097/SCS.0000000000002403. PubMed PMID: 26963301.
- 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.
- 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.
- Inouye JM, **Perry JL**, Pelland CM, Lin KY, Borowitz KC, Blemker SS (2015). A computational model quantifies the effect of anatomical parameters on velopharyngeal function. *Journal of Speech, Language, and Hearing Research*, 58(4), 1119; doi: 10.1044
- 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.
- Fu M, Bo Z, 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
- 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
- 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: <http://dx.doi.org/10.12970/2311-1917.2014.02.02.3>
- 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.
- 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.
- Bae Y, **Perry JL**, Kuehn DP (2014). Videofluorographic investigation of body position on articulatory positioning. *Journal of Speech, Language, and Hearing Research*, 57(4), 1135-1147.
- 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.
- 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.
- 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.
- Perry JL**, Bae Y, Kuehn DP (2012). Effect of posture on deglutitive biomechanics in healthy individuals. *Dysphagia*, 27(1), 70-80.

- Perry JL, Cunningham L, & Gamage J** (2012). Computer technology in the classroom; Do students really like it? *International Journal of Instructional Media*, 39(1).
- Bae Y, Kuehn D, Sutton B, Conway C, **Perry J.** (2011). Three-dimensional magnetic resonance imaging of velopharyngeal structures. *Journal of Speech-Language and Hearing Research*, 54, 1538-1545.
- Perry JL, Kuehn DP, Sutton B, & Goldwasser M** (2011). Craniometric and velopharyngeal assessment of infants with and without cleft palate. *Journal of Craniofacial Surgery*, 22(2), 499-503.
- Perry JL** (2011). Variations in velopharyngeal structures between supine and upright postures using open-type magnetic resonance imaging. *Cleft Palate-Craniofacial Journal*, 48(2), 123-133.
- 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).
- Perry JL & Kuehn D** (2009). Magnetic resonance imaging and computer reconstruction of the velopharyngeal mechanism. *Journal of Craniofacial Surgery*, 20(8), 1739-1746.
- Perry J, 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.
- Perry J & 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.

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

- Perry JL** (2011). Anatomy and physiology of the velopharyngeal mechanism. *Seminars in Speech and Language*, 32(2), 83-92.

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

- 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.
- Perry, JL** (2017). New trends in visualizing speech production. *Journal of the Acoustical Society of America*, 141(5):3647.
- 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*.
- Perry J** (2006). Studying the velopharyngeal mechanism through 3D computer reconstructions based on magnetic resonance imaging. *Journal of Oral and Maxillofacial Surgery*, 64(9), 88-89.

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

- Kotlarek, **Perry JL** (?). 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 J** & Schenck G (October, 2013). Instrumentation for Velopharyngeal Assessments. *Special Interest Group-5, Perspectives in Speech Science and Orofacial Disorders*.
- Wisniewski M & **Perry J** (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 J** (April, 2011). Awareness of Speech Services Among the LGBTQ Population and Speech-Language Pathologists. *Illinois Speech-Language Hearing Association Newsletter*.
- Perry J** & Cunningham L (March, 2010). Students' perception of using 3D computer technology for enhancing learning. *Progressive Measures*.
- Perry J**, Kuehn D, Goldwasser M, & Sutton B (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 J** & Kuehn D (September, 2006). Using cadavers for teaching anatomy of the speech and hearing mechanisms. *ASHA Leader*.

#### **BOOK CHAPTERS**

- Perry J**, 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 J**, Kuehn D (2015). Anatomy and physiology of the velopharynx. In *Comprehensive Cleft Care, 2<sup>nd</sup> edition*. McGraw-Hill.
- Kuehn D, **Perry J** (2008). Anatomy and physiology of the velopharynx. In *Comprehensive Cleft Care* (pp. 557-68). McGraw-Hill.

## **INVITED PRESENTATIONS**

- Perry J.** (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 J**, Blemker S (November 2017). Craniofacial Research Update: Advancements in Instrumental Assessment of Velopharyngeal Function. Los Angeles, CA.
- Perry J.** (June, 2017). New trends in visualizing speech production. Acoustical Society of American, Boston, MA
- Perry J.** (September, 2016). MRI of the Velopharyngeal Mechanism. International Velopharyngeal Dysfunction Conference, Columbus, OH.
- Perry J.** (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 J.** (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 J.** (May, 2015). Anatomy of the Velopharynx. Mercy Hospital Cleft Palate Craniofacial Annual Conference, St. Louis, MO.
- Perry J, 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 J** (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 J** (February, 2014). Magnetic Resonance Imaging in Speech. Invited speaker for MRI summit at University of Southern California, Los Angeles, CA.
- Perry J, 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 J** (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 J** (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 J** (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 J** (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 J** (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 J** (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 J** (October, 2009). Diagnosing and Treating Cleft Lip and Palate. Presented as seminars at Trinidad, Port of Spain.
- Perry J** (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 J** (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 J & 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 J**, 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 J**, 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 J**, & 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**

- 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, Fukushiro 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 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). 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 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, 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.
- 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 Activities Week; 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
- 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.
- 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 (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** (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 (2014). Evaluation and treatment of speech disorders associated with cleft palate. ASHA Schools Conference, Pittsburgh, PA.
- Perry JL**, Kuehn DP, Sutton BP (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 (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 J**, Kuehn D, Sutton B, Gamage J (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** (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** (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 (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 (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 J**, Kuehn D, Sutton B (May, 2013). Using MRI and 3D modeling to examine the musculus uvulae in adults with and without cleft palate. 12<sup>th</sup> International Congress for Cleft Lip/Palate and Related Craniofacial Anomalies.
- Perry J**, 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 J**, 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 J**, (November, 2012). Do We Need an SLP on a Surgical Mission Trip? Poster Session at American Speech-Language-Hearing Association (ASHA), Atlanta, GA
- Perry J**, 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 (2012). Interaction of Craniometric Measurements and Levator Muscle Morphology. Poster Session at American Cleft Palate-Craniofacial Association Conference (ACPA), San Jose, CA.
- Perry J**, Kuehn D, Sutton B (2011). Morphology of the Levator Veli Palatini Muscle. Meritorious Poster distinction; Poster Session at American Speech-Language-Hearing Association (ASHA), San Diego, CA.
- Perry J**, Sutton B, Kuehn D, Brockenbrough J (2011). New MRI Techniques for Assessing Velopharyngeal Structure and Function. Poster Session at American Cleft Palate-Craniofacial Association Conference (ACPA), San Juan, PR.
- Perry J**, Kuehn D, Sutton B, Bailey J, Wachtel J, Brockenbrough J, Manness W (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 J** & 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 J**, 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 J**, 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**, 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 J** (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 J** (March, 2010). MRI of the Velopharynx. Poster session at the Illinois State University Graduate Research Symposium, Normal, IL.
- Perry J**, 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 J** (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 J**, 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 J**, 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 J**, 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 J**, 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 J** (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 J**, 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 J**, 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 J**, 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 J, 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 J, 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 J, 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 Phoniatics, Copenhagen, Denmark.
- Perry J, 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, Illinois.
- Perry J, 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 J & 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 J & 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, Illinois.
- Perry J & 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 J & 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 J, & 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 J & 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 J, & 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 J** (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.

### **GRANT AND FELLOWSHIP PROPOSALS**

**Perry JL**, Blemker S, Weinberger S, Jaskolka M, Fox L. MRI-based computational models to elucidate the effects of growth on speech in patients with cleft palate. National Institutes of Health, R01. \$2,852,107.00, under review.

Sutton BP, Jonghye W, **Perry JL**, Liang Z, Kuehn DP, Shosted R, El Fakhri G, Wedeen V, Ma C, Caruso P, Hersh C, Hartnick C (2014). Using atlas-driven imaging for determining variations in velopharyngeal function among children with cleft palate and hypernasal speech. National Institute of Health, R01. \$2,775,370.00 under review

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. Total Amount: \$62,888.00 direct costs. Funded

**Perry JL**, Jaskolka M. (2017). Investigation of Anatomical Changes Associated with the Use of a Pedicled Buccal Fat Pad Graft Used During Primary Palatoplasty. Oral Maxillofacial Surgery Association. Amount: \$66,000. Funded

**Perry JL**, Sutton BP, Kuehn DP, Baylis A, Marty Grames L, Sckolnick G, (2017). An Anatomic and Physiologic Investigation of Cleft Palate. Research Project Grant Parent R01. National Institute of Deafness and Other Communication Disorders. Amount: \$2,690,564. *not funded*

Tabrizi MH, Perry JL, Ding J, Gudivada V, Luczkovich J. Collaborative Research: CI-New: Research Infrastructure for Big Data Analytics. National Science Foundation. Amount: \$1,907,292.90. *not funded*

Kotlarek K, **Perry JL**, Jaskolka M. (2017). *Investigation of Anatomical Changes Associated with the Use of a Pedicled Buccal Fat Pad Graft at the Time of Primary Palatoplasty*. Junior Investigator Grant, Cleft Palate Foundation. Total Amount: \$5,000, *not funded*

Mason KN, Riski JE, Williams JK, Jones R, **Perry JL**. (2016) *The Delicate Balance of Speech & Breathing: the use of MRI to explore surgical outcomes in cleft palate*. Foundation Grant. Children's Healthcare of Atlanta Friend's Fund. Amount: \$25,000. *not funded*

Mason KN, Williams JK, Riski JE, Jones R, **Perry JL**. (2016) *MRI Analysis of the External Forces of Gravity and Scar Contracture on Secondary Surgical Outcomes in Cleft and Craniofacial Disorders*. Foundation Grant. Southeastern Society of Plastic Surgeons. Amount: \$15,000. *not funded*

Mason KN, Riski JE, **Perry JL**, Williams JK, Jones R. (2016) Children's Center for Neuroscience Research. Human Imaging Pilot Seed Fund. *The Delicate Balance of Speech & Breathing: the use of MRI to explore surgical outcomes in cleft palate*. Amount: \$50,000. *not funded*.

Mason KN, Riski JE, **Perry JL** (2015) *Post-operative examination of the insertion site of pharyngoplasties as an outcome for success*. Foundation Grant. Children's Healthcare of Atlanta Friend's Fund. Amount: \$25,000. *not funded*

- Patel, Schenck GS, **Perry JL** (2016). Assessment of Velopharyngeal Muscle Morphology in Children with Repaired Cleft Palate. Shriners Hospital for Children Clinical Research Grant. Total Costs: \$1,129,902.95. *not funded*
- Perry JL**, Sutton BP, Kuehn DP, Baylis A, Marty Grames L, Skolnick G, Riski J (2016). An Anatomical Approach to Defining Surgical Success in Cleft Palate. Research Project Grant Parent R01. National Institute of Deafness and Other Communication Disorders. *not funded*
- Dormire ZJ, Huang Z, Mizelle C, Murray N, **Perry JL** (2016). MRI: Acquisition of Biomedical Imaging Instrumental (Magnetic Resonance Imaging Scanner) for East Carolina University. CBET—Major Research Instrumentation, National Science Foundation. Amount: 3,220,521.00. *not funded*
- Perry JL**, Fang X (2015). American Speech Language Hearing Foundation New Century Scholars Research Grant. Examining Anatomic Variability in Cleft Palate to Investigate the Etiology of Velopharyngeal Dysfunction. Total Amount: \$25,000; *not funded*
- Sutton BP, Zhi-Pei L, Kuehn DP, **Perry JL** (2014). National Institute of Health (R21). Highly Accelerated Dynamic Speech Imaging in Children with MRI. Total Amount: **\$393,665**; under review; *not funded*
- 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. funded.**
- Schenck GC, **Perry JL**, Fang X (2015). Velopharyngeal Muscle Morphology in Children with Congenital Palatal Microforms. J. Daniel Subtelny Clinical Research Grant, Cleft Palate Foundation. Total Amount: **\$5,000. funded.**
- Perry JL**, Fafulas S, Holt Y, Mendez L. (2015). Assessing levels of nasality among children whose primary language is Spanish. Interdisciplinary Research Collaboration Award. Total Amount: **\$15,900. funded**
- Ellis C, Perry JL (2014). **Reducing Racial-Ethnic And Cultural HHealth Disparities in the Carolinas (REACH-C)**. National Institute of Minority Health and Health Disparities. National Institute of Health, (R15). Total Amount: **\$250,000** direct costs. *not funded*
- 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). Total Amount: **\$5,000. funded**
- Perry JL**, Blemker S (*multi-PI*), Sutton BP, Kuehn DP, Woo A, Skolnick G (2014). Investigating Patient Pre- and Post-Surgical Anatomy to Optimize Surgical Outcome; National Institute for Health, (R01). Total Amount: **\$2.1 million** direct costs; *not funded*
- Schenck GC, **Perry JL**, Wright HH, Goldwasser MS, Jaskolka MS (2014). Velopharyngeal Muscle Morphology in Children with Congenital Palatal Microforms. National Institute on Deafness and Other Communication Disorders; F31 Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship. Total Amount: **\$30,899** direct costs. *not funded*
- 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. Total Amount: **\$250,000** direct costs, **\$463,934** total costs. **funded**
- 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. Total Amount: **\$10,000. funded**

- Perry JL**, Tabrizi N. Novel Techniques for Quantifying Velopharyngeal Function in Children (2014). National Institute of Deafness and Other Communication Disorders; R15 AREA Research Grant. Total Amount: **\$300,000** direct costs; *not funded*
- Kollara-Sunil L, **Perry JL**, Marcus, J (2014). Gravitational Influences on the Velopharyngeal Structures among Children. Cleft Palate Foundation Grant; Karlind Moller Research Grant. Total Amount: **\$500.00. funded**
- Perry JL**, Sutton B, Kuehn D, MacFall J, Baylis A, Kirschner R, Zhou K, Marcus JR, Heberlein K, Seethamraju R (2014). Translating Dynamic MRI to Improve Cleft Palate Evaluation and Treatment. National Institute of Deafness and Other Communication Disorders Research Grants for Translating Basic Research into Clinical Tools (R01). Total Amount: **\$2.1 million** direct costs; *not funded*
- Perry JL**, Sutton B, Kuehn D, MacFall J, Baylis A, Kirschner R, Zhou K, Heberlein K, Seethamraju R (2013). Development and Translation of MRI Scanning Techniques for Cleft Palate Care. National Institute of Deafness and Other Communication Disorders Research Grants for Translating Basic Research into Clinical Tools (R01). Total Amount: **\$2.1 million** direct costs; *not funded*
- Perry J** (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. Funded**
- Perry J** (2010). Students' perception of using 3D computer technology for enhancing learning. Center for Teaching Learning and Technology; Teaching Development Travel Grant. Illinois State University, Normal. Total Amount: **\$300. Funded**
- Perry J** (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. Total Amount: **\$1,500. Funded**
- Perry J** (2010). Students' perception of using 3D computer technology for enhancing learning. Scholarship of Teaching and Learning Travel Grant. Illinois State University, Normal. Total Amount: **\$650. Funded**
- Perry J & Friberg J** (both PIs; 2010). Using 3D Virtual Environments to Stimulate Generalization of Social Language Skills in Adolescents with Autism. Department of Army; Autism Research Program (ASDRP) Idea Development Award. Total Amount requested: \$375,000. *not funded*.
- Perry J** (2010). Improving students' understanding of cleft palate surgery through computer technology. Center for Teaching Learning and Technology; Teaching Development Travel Grant. Illinois State University, Normal. Total Amount: **\$300. Funded**
- Perry J** (2010). Do 3D stereoscopic computer animations improve student learning of surgical procedures? Scholarship of Teaching and Learning Travel Grant. Illinois State University, Normal. Total Amount: **\$500. Funded**
- Perry J** (2009). Developing Magnetic Resonance Imaging Protocols for Children Without the Use of General Anesthesia. College of Arts and Science Summer Faculty Fellowship, Illinois State University, Normal. Total Amount requested: \$5,000. *not funded*
- Perry J** (2009). Magnetic Resonance Imaging in Children with Secondary Surgical Treatment Plans. College of Arts and Science Faculty Research Award, Illinois State University, Normal. Total Amount requested: **\$3,000. Funded**
- Perry J** (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. Total Amount: **\$1,100. Funded**
- Perry J** (2009). Undergraduate Research Fellowship Program. Research and Sponsored Programs. Total Amount: **\$3,500. Funded**
- Perry J** (2009). Research Supplement to Promote Diversity in Health-Related Research for Funded Parent R03 Grant. National Institute of Deafness and Other Communication Disorders. Total Amount: \$155,873. Not funded
- Perry J, 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). Total Amount **\$300,000 direct cost (\$435,306 total). Funded**
- Perry J** (2009). Virtual 3D Learning Laboratory for Anatomy and Physiology. Teaching and Learning Development Grant, Center for Teaching Learning and Technology, Illinois State University, Normal. Total Amount: **\$1,500. Funded.**
- Perry J** (2009). Domestic Travel Grant, College of Arts and Science, Illinois State University, Normal. Total Amount: **\$425. Funded**
- Perry J** (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. Total Amount: **\$3,500. Funded**
- Perry J** (2009). The effect of gravity on velopharyngeal motor control and preservation of acoustic consequences. Cleft Palate Foundation Research Grant; Junior Investigator Grant. Total Amount: \$5,000. Not funded
- Perry J** (2008). Virtual interactive clinical laboratory. Faculty Development Course Reassignment Grant. Illinois State University, Normal. Total Amount: \$5,000 (course reassignment). Not funded
- Perry J** (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. Total Amount: **\$500. Funded**
- Perry J** (2008). Domestic Travel Grant, Center for Teaching Learning and Technology, Illinois State University, Normal. Total Amount: **\$300. Funded**
- Perry J** (2008). Scholarship of Teaching and Learning Travel Grant. Illinois State University, Normal. Total Amount: \$500. Not funded
- Perry J** (2007). Domestic Travel Grant, College of Arts and Science, Illinois State University, Normal. Total Amount: **\$400. Funded**
- Perry J** (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. Total Amount: **\$3,500. Funded**
- Perry J** (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. Total Amount: **\$1,500. Funded**
- Perry J** (2007). Bioimaging of the Underlying Anatomical and Physiological Substrates of the Velopharyngeal Mechanism in Children Born with Cleft Lip and Palate. Cleft Palate Foundation Research Grant; Junior Investigator Grant. Total Amount: 4,846. Not funded
- Kuehn, Sutton, Georgiadis, Kramer, Huang, Grosser, Perlman, Loucks, **Perry**, Quinto-Pozos, Bresler, Liang (2007). Integrative Multimodal Time-Based Biomedical Imaging. Keck

- Foundation Grant, University of Illinois, Urbana-Champaign. Total Amount: \$1,110,000. Not funded
- Perry J** (2006) Graduate College Travel Grant, University of Illinois, Urbana-Champaign. Total Amount: **\$400. Funded**
- Perry J** (2006). Magnetic Resonance Imaging and 3D Computer Modeling of the Levator Veli Palatini Muscle Before and After Primary Palatoplasty. Graduate College Dissertation Completion Grant, University of Illinois, Urbana-Champaign. Not funded
- Perry J** (2005). American Speech-Language-Hearing Foundation, New Century Scholars Doctoral Scholarship Competition. Not funded
- Perry J** (2005). Magnetic Resonance Imaging and 3D Computer Modeling of the Levator Veli Palatini Muscle Before and After Primary Palatoplasty. Cleft Palate Foundation Research Grant, Junior Investigator Grant. Total Amount: \$5,000. Not funded
- Kuehn D (2005). Magnetic Resonance Imaging and 3D Computer Modeling of the Levator Veli Palatini Muscle Before and After Primary Palatoplasty. Mary Jane Neer Research Fund, University of Illinois. \$14,972. Not funded
- Sutton B (2005-2007). Magnetic Resonance Imaging and 3D Computer Modeling of the Levator Veli Palatini Muscle Before and After Primary Palatoplasty. Campus Research Board, University of Illinois Office of Vice Chancellor for Research. Total Amount: **\$10,494. Funded** and used for dissertation work
- Keuhn D & Goldwasser M (2004). Magnetic resonance imaging (MRI) in the treatment of speech disorders in children born with cleft palate. Psi Iota Xi, National Philanthropic Organization. Total Amount: **\$113,000. Funded** \*continue to use for my ongoing research
- Perry J** (2004). Graduate College Travel Grant, University of Illinois, Urbana-Champaign. Total Amount: **\$300. Funded**

### **PROFESSIONAL ACTIVITY**

US Patent Pending #8375-004 (TF07161), Beckman Institute, University of Illinois, Urbana  
*Title:* 3D Imaging of Anatomical Structures  
*Inventors:* **Perry JP**, Kuehn DK

### **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.
- 2010 Grant Application: Inspiring a study of the most beautiful art form. Jeanne Hoffman Smith Creativity in Motion Award. requested: \$40,000. *not funded*.
- 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
- 2008 MRI and 3D Rendering Technology to Study Cleft Palate Anatomy and Surgical Intervention. National Science Foundation, Science and Engineering Visualization Challenge. *Not awarded*.

### **RESEARCH EXPERIENCE**

2007-2012 *Research Scientist*, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana-Champaign

- 2008-present
  - Conducting MRI research in the area of cleft lip and palate  
*Carle research affiliate*, Carle Foundation Hospital, Urbana, IL
  - Providing service and research for patients through the cleft palate craniofacial team
  - Collecting multi-facility collaboration with Ear, Nose, and Throat and Oral Maxillofacial Surgery departments
- 2008-2011  
*Imaging Technology staff member*, Beckman Institute for Advanced Science and Technology, University of Illinois, Urbana-Champaign
  - Provide support for researchers in the area of 3D modeling
- 2006-2007  
*MRI and computer modeling of individuals born with cleft palate*, Department of Speech and Hearing Science and Department of Bioengineering; University of Illinois, Urbana-Champaign
  - Gathered dynamic MRI data of individuals born with a cleft palate for the purposes of creating 3D computer models to study the function of the velopharyngeal mechanism
- 2005-2007  
*Research assistant*, Department of Speech and Hearing Science; University of Illinois, Urbana-Champaign
  - Gathered MRI data and created 3D computer models of the velopharyngeal mechanism in infants before and after primary palatoplasty
- 2005-2006  
*Velopharyngeal computer model and animation project*, Department of Speech and Hearing Science; University of Illinois, Urbana-Champaign
  - Created a 3D model of the velopharyngeal mechanism from quantitative data presented in literature
- 2004-2007  
*Research assistant*, Psychology Department; University of Illinois, Urbana-Champaign; primary investigator: Joe Malpeli
  - Created 3D volumetric models from histological slices of the human lateral geniculate nucleus using Amira 3D software system
- 2003-2007  
*Stereoscopic research project*, Department of Speech and Hearing Science; University of Illinois, Urbana-Champaign
  - Created stereoscopic images of the head, neck, and thorax from human cadavers for 3D computer viewing; created as a means to enhance student learning and used for the instruction of anatomy and physiology
- 2001-2003  
*Research assistant*, Department of Communicative Disorders; Northern Illinois University, DeKalb
  - Speech acoustic analysis study on children born with a cleft palate. Included subject recruitment and analysis of speech samples using a computerized speech laboratory

### **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  
Neurophysiology & Motor Speech Disorders  
Advanced Anatomy and Physiology (independent study option)  
Independent study: research scholars program

2003- 2007 University of Illinois, Urbana-Champaign; Department of Speech and Hearing Science  
Teaching Assistant; Speech Sciences  
Teaching Assistant; Anatomy and Physiology  
Cadaver Laboratory Instructor  
Instructor; Anatomy and Physiology  
Instructor; Neuroscience

2001-2003 Northern Illinois University, DeKalb; Department of Communicative Disorders  
Anatomy and Physiology Teaching Assistant

### **STUDENT MENTORSHIP/RESEARCH EXPERIENCE**

\*underline represents faculty-mentored student funded grants/scholarships to support research and/or creative activities

#### *Undergraduate Research*

Honors Program; Illinois State University, Normal; Department of Communication Sciences and Disorders

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

#### *Graduate Research (Thesis Students)*

- 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), resulted in publication
- Ashley Dobbins, Assessing vocal attributes and awareness of speech services among GLBT (2011), resulted in publication

- 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), resulted in publication
- Jillian Nyswonger, Variations in velopharyngeal muscles among adults with and without repaired cleft palate (2014), resulted in publication
  - SPARC ASHA scholarship: faculty mentor for research/teaching scholarship
- Lakshmi Kollara-Sunil, Variations in velopharyngeal structures between the upright and supine position among children (2013), resulted in publication
  - ACPA faculty sponsored scholarship: Moller Scholarship for Cleft Palate; American Cleft Palate Craniofacial Scholarship
  - Faculty sponsor scholarship: Joan Good Erickson Cleft Palate Craniofacial Mission Trip Scholarship
  - Barbara Bremer Scholarship
  - 2015 College of Allied Health Sciences Alliance for Excellence Scholarship
  - 2016 ASHA student travel award
  - 2017 Meritorious Poster Distinction Award, ASHA
- Katie Broadwell: Variations in upright and supine pressure-flow and nasalance scores among adults (2015), resulted in publication
  - University Research Creativity Award
- Holly Jordan: Correlations between craniometric measures and velopharyngeal valving function (2015), resulted in publication
- Eshan Pua: Nasalance in Mandarin Speakers (2016)

*Graduate Research/Primary Advisor (PhD students)*

- Graham Schenck
  - David Kuehn Scholarship
  - NIH F31 submission (not funded)
  - Cleft Palate Foundation Subtelny Speech Research Grant (funded)
- Lakshmi Kollara-Sunil
  - Linguistystem NCSLHA-Student Achievement Award (funded)
  - Meritorious Poster Award, ASHA conference
  - Cleft Palate Foundation Grant (Perry as PI, Kollara as student investigator, \$10,000 funded for dissertation work)
- Kazlin Mason
  - Cleft Palate Foundation Junior Investigator Research Grant (\$5,000, funded)
  - College of Allied Health Sciences Grant Award (\$5,000, funded)
  - CAPSCD Graduate Student Award (\$20,000, funded)
- Katelyn Kotlarek
  - 2018 David P. Kuehn Speech Scholarship (\$500 travel award, funded)
  - NIH NIDCD F31, funded (1F31 DE027878-01). My Role: primary advisor/mentor.

## **CLINICAL EXPERIENCE**

- 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
- Performing evaluations and team care for individuals with craniofacial anomalies
- 2007-2011 Illinois State University, Normal; Department of Communication Sciences and Disorders
- 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; Speech-Language Pathologist

## **PROFESSIONAL MEMBERSHIPS**

- 2001-present American 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
- 2012-present North Carolina Speech-Language Hearing Association

## **SERVICE-UNIVERSITY/LOCAL**

- 2015-present Administrative Council, College of Allied Health Sciences, East Carolina University
- 2016-present Member, Personnel Committee for Department of Occupational Therapy, East Carolina University
- 2016-present Search Committee Member, Chair of Physical Therapy, East Carolina University
- 2015-2016 Search Committee Member, Dean, College of Allied Health Sciences, East Carolina University

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- 2015-2016 Interim Department Chair, Department of Communication Sciences and Disorders, East Carolina University
- 2014-present 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-present Search Committee Member, Faculty Positions (ECU)
- 2012-2013 Faculty Welfare Committee, East Carolina University
- 2011-present 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. (*Amount awarded: \$1,000*)
- 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. (*Amount awarded: \$1,000*)
- 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
- 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
- 2009-2010 Department Research Seminar Committee, Department of Communication Science and Disorders, Illinois State University, Normal

### **SERVICE-STATE**

- 2012-present Cleft Palate Craniofacial Team Member, New Hanover Medical Center, Wilmington, NC  
2003-2010 Cleft Palate Team, Carle Hospital, Urbana, IL  
2001-2003 Cleft Palate Team, Rockford Memorial Hospital, Rockford, IL

### **SERVICE-NATIONAL**

- 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 a single review cycle (July)  
2015 NIH NIDCD Study Section Reviewer for a single review cycle (October)  
2015-present Outcomes Research Evaluation Task Force Member, American Cleft Palate Craniofacial Association.  
2014-present Cleft Palate Foundation Grants Chair, Cleft Palate Foundation.  
2014-2015 Nominations Committee Chair, American Cleft Palate Craniofacial Association.  
2014-present Professional Development Manager, Special Interest Group 5, American Speech Language Hearing Association.  
2013-present Challenge Team Task Force Chair, American Cleft Palate Craniofacial Association. Task force for reorganizing the association structure.  
2012-present 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.  
2011-present American Cleft Palate Craniofacial Association Liaison Committee Member  
2007-present Journal Reviewer  
Journal of Speech-Language-Hearing Research  
Cleft Palate Craniofacial Journal  
Speech, Hearing, Language Journal  
2009-present 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 Health Education English (HEE), National Institute for Health Research (NIHR), Integrated Clinical Academic (ICA) Programme Senior Clinical Leadership, guest review panel member.  
2017-present International Global Organization Planning Committee, committee member representing ACPA in the creation of international guidelines for cleft care.

- 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 and treatment
  - Performed post-surgical follow up assessments and created treatment plans for patients
  - Surgical observation & parent/patient education

### **HONORS AND AWARDS**

- 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.  
2013 Nominee, James R. Talton Jr. Leadership Award, East Carolina University.  
2013 Award for Continuing Education, American Speech-Language Hearing Association. Award based on over 70 clock hours of continuing education in 3 years or less.  
2012 Meritorious Poster Distinction, American Speech-Language-Hearing Association (ASHA), Atlanta, GA.  
2011 Meritorious Poster Distinction, Perry et al. Morphology of the Levator Veli Palatini Muscle. American Speech-Language-Hearing Association (ASHA), San Diego, CA.  
2011 Award for Continuing Education, American Speech-Language Hearing Association. Award based on over 70 clock hours of continuing education in 3 years or less.  
2011 Professor of the Year Award. Department of Communication Sciences and Disorders, Illinois State University. Award is based on student nominations.  
2011 Research Initiative Award. College of Arts and Sciences, Illinois State University. Award is given to pre-tenured faculty demonstrating early career success in the area of research and scholarship. (**Amount awarded: \$500**)  
2009 Online Faculty Mentor for new and early-career faculty. Center for Teaching, Learning, and Technology. Award is given to faculty who demonstrate the potential for success in creating an online module on a topic related to teaching and who could serve as a mentor for new and early-career faculty. (**Amount awarded: \$700**)  
2008 Grant-Writing Mentorship Summer Program. Award given to pre-tenured faculty for potential for success in writing and receiving external grant. Award includes free admission to grant writing workshop and 1,000 salary award. (**Amount awarded: \$1,000**)  
2008 Grant-Writing Mentorship Program. Nominated among first and second year 2007-2008 ISU faculty. Selection is based on faculty member's potential for successful in writing and submitting NIH/NSF grant proposals. (**Amount awarded: course release**)  
2006 Phyllis Ariens Burkhead Memorial Fellowship Award. This award is given to an individual who displays academic excellence and has research endeavors with a clinical emphasis. (**Amount awarded: \$1,000**)