

CHANTAL LAU- Curriculum Vitae

Adjunct Associate Professor
Department of Pediatrics
Baylor College of Medicine
One Baylor Plaza, MC06104
Houston, TX 77030, USA

Education:

Ph.D. (Physiology)	University of Illinois Medical Center, Chicago, IL	1970
B.A. (Physiology)	University of California, Berkeley, CA	1966

Teaching/Clinical Experience:

Adjunct Professor, Baylor College of Medicine, Houston, TX	2014 - present
Associate Professor, Baylor College of Medicine, Houston, TX	2008 - 2014
Director, Oral Feeding Program, Texas Children's Hospital, Houston, TX	2001-2007
Adjunct Professor, McGill University, Montréal, PQ, Canada	1998-present
Assistant Professor, Baylor College of Medicine, Houston, TX	1989-2008
Research Assistant Professor, Department of Biology, University of Houston, Houston, TX	1985-1989
Departmental teaching assistant in Physiology, Schools of Medicine and Nursing, University of Illinois Medical Center, Chicago, IL	1967-1970

Research Experience:

Adjunct Professor, Baylor College of Medicine, Houston, TX	2014 - present
Associate Professor, Dept of Pediatrics, Baylor College of Medicine, Houston, TX	2008-2014
Assistant Professor, Dept of Pediatrics, Baylor College of Medicine, Houston, TX	1989 -2008
Research Director, Feeding Disorders Center, Baylor College of Medicine, Houston, TX	1997 - 1999
Adjunct Assistant Professor of Biology, Dept of Biology, Univ of Houston, Houston, TX	1989 - 1990
Research Assistant Professor, Dept of Biology, Univ of Houston, Houston, TX	1985 - 1989
Research Associate, Dept of Biology, Univ of Houston, Houston, TX (Dr. Susan Henning)	1983 - 1985
Attachée de Recherche, Centre National de la Recherche Scientifique, Marseille, France (Dr. Paul Dell)	1972 - 1974
Visiting Fellow, Massachusetts Institute of Technology, Dept of Nutrition and Food Science, Cambridge, MA (Dr. Richard J. Wurtman)	1973 - 1974
U.S. Public Health Postdoctoral Trainee, Univ of California, Dept of Physiology-Anatomy, Berkeley, CA (Dr. Paola S. Timiras)	1970 - 1972
U.S. Public Health Predoctoral Trainee, Univ of Illinois Medical Center, Chicago, IL (Dr. S. F. Marotta)	1966 - 1970

Experiences and Professional Membership

- *NIH Study Sections* (Reviewer):
 - July 1, 2009 - June 30, 2013: Biobehavioral Regulation, Learning, and Ethology
 - December 2011 - AdHoc Reviewer for Special Review Study Section 2012/05 ZRG1 EMNR-Q (50)
- April 2015 – Centers for Disease Control and Prevention, Reviewer for Special Emphasis Panel (SEP) RFA DP15-005 *NIDCD*
- *NIDCD- American Speech-Language-Hearing Association (ASHA) Research Mentoring (ARM) Network-Pathways* (Mentor) - 2013 – present
- *Sparks For Children's Health (United Kingdom)* – Innovation and Patient Benefit Grant (Invited Grant Reviewer) - August 2012
- *United States-Israel Binational Science Foundation* (Invited Grant Reviewer) – March 2014
- *Founder – Infant Health Foundation* (www.infanthealthfoundation.org)
- *Peer-Reviewed Journals* (Reviewer):
 - Acta Paediatrica/American Journal of Speech-Language Pathology/Appetite/BMC Pediatrics/ Cardiology in the Young/Cold Spring Harbor Molecular Case Studies/Developmental Medicine and Child Neurology/ Developmental Neurorehabilitation/Dysphagia/ Early Human Development/ International Breastfeeding Journal/ International Journal of Pediatrics/ International Journal of Speech-Language Pathology/ Journal of Parenteral and Enteral Nutrition/ Journal of Pediatrics/Journal of Neonatal-Perinatal Medicine/Journal of Perinatology/ Neonatology/Neurogastroenterology & Motility/ Pediatrics/ Pediatric Research/ Psychoneuroendocrinology/ PLoS ONE
- *Lead Guest Editor* for International Journal of Pediatrics
 - Special Issue on “The Development of Oral Feeding Skills in Infants”
- *Frontiers of Neonatology* (Review Editorial Board Member) - 2013 – present

Society Memberships:

Society for Experimental Biology and Medicine/ Sigma Xi/ Endocrine Society/ International Society for Research on Human Milk and Lactation

Committees:

Chair, Committee for the Center for Comparative Medicine, Feigin Center, Texas Children's Hospital	1992–1999
Member, Animal Review Committee, Baylor College of Medicine	1997–2000
Member, Developmental Care Executive Committee, Texas Children's Hospital	1998- 2000
Member, The Institutional Review Board for Human Subject Research for Baylor College of Medicine and Affiliated Hospitals	2000-2004
Developmental Oral Feeding Committee, Neonatal Feeding Team, Newborn Section, Texas Children's Hospital	2001-2005

Awards

Technology Ventures Corporation, Albuquerque NM – Equity Capital Symposium Selected Presenter: Feeding for Health LLC	2011
New Mexico Small Business Assistance, Innovation Celebration Selected Success Story: PediBioMetrix LLC (Los Alamos National Laboratory & Sandia National Laboratories)	2013
ADVANCE Distinguished lecture series, Advancement of Women in Science and Engineering (http://www.k-state.edu/kawse/) - Invited Speaker	April 15, 2015

Publications Peer-Reviewed:

1. **Lau C**, Marotta SF. Role of peripheral chemoreceptors on adrenocortical secretory rates during hypoxia. *Aerospace Med* 1969; 40: 1065-1068
2. Marotta SF, **Lau C**. Effect of acute changes in plasma calcium on adrenocortical secretory rates. *Calc Tiss Res* 1970; 6: 220-226
3. Marotta SF, **Lau C**. Distribution and disappearance rates of infused cortisol in acute hyper- and hypocalcemic dogs. *Aerospace Med* 1970; 41: 1153-1157
4. **Lau C**. Role of the respiratory chemoreceptors in adrenocortical activation. *Am J Physiol* 1971; 221: 602-606
5. **Lau C**. Effects of O₂-CO₂ changes on hypothalamo-hypophyseal-adrenocortical activation. *Am J Physiol* 1971; 221: 607-12
6. **Lau C**, Liao CL, Petropoulos EA. Effects of stress imposed during gestation on corticosterone levels in pregnant rats and their offspring. *Env. Physiol* 1971; 1: 164-170.
7. **Lau C**, Timiras PS. Adrenocortical function in hypothalamic deafferented rats maintained at high altitude. *Am J Physiol* 1972; 222: 1040-1042
8. Libertun C, **Lau C**. Adrenocortical function in prepubertal rats. Neonatal effect of testosterone. *J Endocrinol* 1972; 55: 221-2
9. Petropoulos EA, **Lau C**, Liao CL. Neurochemical changes in the offspring of rats subjected to stressful conditions during gestation. *Exp Neurol* 1972; 37: 86-99
10. Petropoulos EA, **Lau C**. Foetoplacental contribution to maternal corticosteroid pool during pregnancy in Long-Evans rats. *J Endocrinol* 1973; 59: 183-184
11. **Lau C**, Henning SJ. Regulation of milk ingestion in the infant rat. *Physiol Beh* 1984; 33: 809-815
12. **Lau C**, Henning SJ. Investigation of the nature of the "stretch response" in suckling rats. *Physiol Beh* 1985; 34: 649-651
13. **Lau C**, Henning SJ. Mammary resistance: A possible controlling factor in milk letdown. *J Endocrinol* 1987; 112: 379-385
14. Blake, H. H., **C. Lau** and S. J. Henning. A new method for the artificial raising of infant rats: the palate cannula. *Physiol Beh* 1988; 42: 495-498
15. **Lau C**. Adrenocortical activation and the sympatho-adrenomedullary system do not necessarily influence milk ejection in the rat. *J Endocrinol* 1988; 118: 399-405
16. **Lau C**, Henning SJ. A non-invasive method for determining patterns of milk intake in the breast-fed infant. *J Pediatr Gastroenterol Nutr* 1989; 9: 481-487
17. Chandrasena G, Sunitha I, **Lau C**, Nanthakumar NN, Henning SJ. Expression of sucrase-isomaltase mRNA along the villus-crypt axis in the rat small intestine. *Cell Mol Biol* 1992; 38: 243-254
18. **Lau C**. Effects of various stressors on milk release in the rat. *Physiol Behav* 1992; 51: 1157–1163
19. Cohen MB, Mann EA, **Lau C**, Henning SJ, Giannella RA. A gradient in expression of the *Escherichia Coli* heat-stable enterotoxin receptor exists along the villus-to-crypt axis of rat small intestine. *Biochem Biophys Res Commun* 1992; 186: 483–490
20. **Lau C**, Sullivan MK, Hazelwood RL. Effects of diabetes mellitus on lactation in the rat. *Proc Soc Exp Biol Med.* 1993; 204: 81-89.
21. Sandberg J W, **Lau C**, Finegold M, Henning S J. *In vivo* model of intestinal mucus removal and its application to intestinal gene transfer. *Human Gene Therapy* 1994; 5:323-329
22. **Lau C**, Soriano HE, Ledley FD, Finegold MJ, Wolfe JH, Birkenmeier EH, Henning SJ. - Retroviral gene transfer into the intestinal epithelium. *Hum Gene Ther* 1995; 6: 1145-1151
23. Jacomino M, **Lau C**, James SZ, Shukla P, Henning SJ. Gene transfer into fetal rat intestine *Hum Gene Ther* 1996; 7:1757-1762
24. **Lau C**, Sheena HR, Shulman RJ, Schanler RJ. Oral feeding in low birth weight infants. *J Pediatr* 1997; 130: 561-569
25. Shulman RJ, Schanler RJ, **Lau C**, Heitkemper M, Ou C-N, Smith EO. Early feeding, antenatal glucocorticoids, and human milk

- decrease intestinal permeability in preterm infants. *Pediatr Res* 1998; 44: 519-523
26. Shulman RJ, Schanler RJ, **Lau C**, Heitkemper M, Ou C-N, Smith EO. Early feeding, feeding tolerance, and lactase activity in preterm infants. *J Pediatr* 1998;133: 645-649
 27. Schanler RJ, Shulman RJ, **Lau C**, Smith EO, Heitkemper MM. Feeding strategies for premature infants: Randomized trial of gastrointestinal priming and tube-feeding method. *Pediatrics* 1999;103:434-439
 28. Schanler RJ, Shulman RJ, **Lau C**. Feeding strategies for premature infants: Beneficial outcomes of feeding fortified human milk versus preterm formula. *Pediatrics* 1999;103:1150-1157
 29. Moody GJ, Schanler RJ, **Lau C**, Shulman RJ. Feeding tolerance in preterm infants fed fortified human milk. *J Pediatr Gastroenterol Nutr* 2000; 30:408-4012
 30. **Lau C**, Schanler, RJ. Oral feeding in infant: Advantage of a self-paced milk flow. *Acta Paediatr* 2000; 89: 453-459
 31. **Lau C**, Alagurusamy R, Schanler RJ, Smith EO, Shulman, RJ. Characterization of the developmental stages of sucking in preterm infants. *Acta Paediatr* 2000; 89: 846-852
 32. **Lau C**, Kusnierczyk I. Quantitative evaluation of infant's nonnutritive and nutritive sucking. *Dysphagia* 2001; 16: 58-67
 33. Shulman RJ, Heitkemper M, Smith EO, **Lau C**, Schanler RJ. Effects of age, feeding regimen, and glucocorticoids on catecholamine and cortisol excretion in preterm infants. *J Pediatr Gastroenterol Nutr* 2001; 25: 254-259
 34. Simpson C, Schanler RJ, **Lau C**. Early introduction of oral feeding in preterm infants. *Pediatrics* 2002; 110: 517-522
 35. Fucile S, Gisel, E, **Lau C**. Oral stimulation accelerates the transition from tube to oral feeding in preterm infants. *J Pediatr* 2002; 141: 230-236 (doi:10.1067/mpd.2002.125731)
 36. **Lau C**, Smith EO, Schanler RJ. Coordination of suck-swallow and swallow-respiration in preterm infants. *Acta Paediatr* 2003; 92:721-727
 37. **Lau C**, Simpson C. Animal models for the study of the effect of prolonged stress on lactation in rats. *Physiol Beh* 2004; 82: 193-7
 38. Fucile S, Gisel E, **Lau C**. Effect of an oral stimulation program on the maturation of sucking skills of preterm infants. *Dev Med Child Neurol* 2005; 47: 158-162
 39. Schanler RJ, **Lau C**, Hurst NM, Smith EO. Randomized Trial of Donor Human Milk vs Preterm Formula as Substitutes for Mothers' Own Milk in the Feeding of Extremely Premature Infants. *Pediatrics* 2005; 116:400-406.
 40. Scheel CE, Schanler RJ, **Lau C**. Does the choice of bottle nipple affect the oral feeding performance of very-low-brith-weight (VLBW) infants? *Acta Paediatrica* 2005; 94: 1266-1272
 41. **Lau C**, Hurst NM, Smith EO, Schanler RJ. Ethnic/racial diversity, maternal stress, lactation, and very low birthweight (VLBW) infants. *J. Perinatol* 2007; 27: 399-408
 42. Amaizu N, Shulman RJ, Schanler RJ, **Lau C**. Maturation of oral feeding skills in very low birth weight infants. *Acta Paediatr* 2008; 97: 61-67 (doi:10.1111/j.1651-2227.2007.00548.x)
 43. Fucile S, Gisel E, Schanler RJ; **Lau C**. A vacuum-free bottle enhances preterm infants' nutritive sucking skills. *Dysphagia* 2009; 24:145-151 (doi: 10.1007/s00455-008-9182-z)
 44. Rasch S, Sangild PT, Gregersen H, Schmidt M, Omari T, **Lau C**. The preterm piglet – a model in the study of esophageal development in preterm neonates *Acta Paediatr* 2010; 99: 201-208 (doi:10.1111/j.1651-2227.2009.01564.x)
 45. **Lau C**, Smith EO. A novel approach to assess oral feeding kills of preterm infants *Neonatology* 2011;100:64-70 (doi: 10.1159/000321987)
 46. Schanler RJ, Fraley JK, **Lau C**, Hurst NM, Horvath L, Rossmann SN. Breastmilk cultures and infection in extremely premature infants. *J Perinatol* 2011; 31: 335-338 (doi:10.1038/jp.2011.13)
 47. Fucile S, Gisel, E, McFarland DH, **Lau C**. Oral and non-oral sensorimotor interventions enhance oral feeding performance in preterm infants. *Dev Med Child Neurol* 2011; 53:829-835 (doi:10.1111/j.1469-8749.2011.04023.x)
 48. Fucile S, McFarland DH, Gisel EG, **Lau C**. Oral and nonoral sensorimotor interventions facilitate suck-swallow-respiration functions and their coordination in preterm infants. *Early Hum Dev* 2012; 88:345-550 (doi: 10.1016/j.earlhumdev.2011.09.007).
 49. **Lau C**, Smith EO. Interventions for improving the oral feeding performance of preterm infants. 2012; *Acta Paediatr* 101: e269-e274 (doi:10.1111/j.1651-2227.2012.02662.x)
 50. **Lau C**, Fucile S, Gisel EG. Impact of nonnutritive oral motor oral stimulation and infant massage on oral feeding skills in preterm infants. *J Neonatal Perinatol Med* 2012; 5:311-317(doi: 10.3233/NPM-1262612)
 51. **Lau C**, Geddes D, Mizuno K, Schaal B. The development of oral feeding skills in infants. *Int J Pediatr*, 2012; 2012:572341 (doi:10.1155/2012/572341)
 52. **Lau C**. Is there an advantage for preterm infants to feed orally in an upright or sidelying position? 2013; *Journal of Neonatal Nursing* 19: 28-32 (doi:10.1016/j.jnn.2012.03.013)
 53. **Lau C**. Interventions to improve oral feeding performance of preterm infants. *Perspectives on Swallowing and Swallowing Disorders (Dysphagia)* Special Interest Group 13. 2014; 23:23-45 American Speech-Language-Hearing Association. (doi:10.1044/sasd23.1.23)
 54. **Lau C**, Fucile, S, Schanler RJ. A self-paced oral feeding system that improves preterm infants' oral feeding skills. *J Neo Nursing* 2015; 21:121-126 (<http://dx.doi.org/10.1016/j.jnn.2014.08.004>)
 55. **Lau C**. Development of suck and swallow mechanisms in infants. *Ann Nutr Metab* 2015; 66 (Suppl 5): 7-14 (doi: 10.1159/000381361)
 56. **Lau C**, Bhat J, Potak D, Schanler RJ. Oral Feeding Skills of Late Preterm Infants are correlated with Hospital Length of Stay. *J Pediatr Care* 2015; 1:102
 57. **Lau C**. Development of infant oral feeding skills- What do we know? *American Journal of Clinical Nutrition* 2016; 103 (Suppl):

616S-621S (doi: 10.3945/ajcn.115.109603)

58. Zimmerman E, Lau C. The development of the mother-infant mutualistic screening scale. *J Pediatr* 2017; 2(1):109
 59. Lau C. Breastfeeding challenges and the preterm mother-infant dyad – A conceptual Model. *Breastfeed Medicine* (In Press)

Chapters

1. Lau C, Henning SJ. Mutualism in mother-offspring interaction. Its importance in the regulation of milk release. In: *Handbook of Human Growth and Developmental Biology*, eds. E. Meisami and P.S. Timiras. Boca Raton: CRC Press, Inc. 1990; pp.195-216
2. Lau C, Schanler RJ. Oral motor function in the neonate, *Clinics Perinatol* 1996; 23: 161-178
3. Lau C, Hurst N. Oral feeding in infants. *Curr Problems Pediatr* 1999; 29: 101-128
4. Schanler R, Hurst NM, Lau C. The use of human milk and breastfeeding in premature infants. *Clin Perinatol* 1999; 26:379-98
5. Lau C. Stress and lactation. In: Human Milk for Very Low Birth Weight Infants. Report of the 108th Ross Conference on Pediatric Research, 1999; pp. 109-120
6. Lau C. Book Review: Pediatric videofluoroscopic swallow studies. A Professional manual with caregiver guidelines. by JC Arvedson, MA Lefton-Greif. Communication Skill Builders, San Antonio, 1998. *Dysphagia* 2000; 15(2):95
7. Lau, C. Effects of stress on lactation. In: Schanler, RJ (ed). Breastfeeding 2001, Pt 1: The evidence for Breastfeeding, *Pediatr Clin North Amer* 2001; 48: 221-234
8. Lau, C. Auxiliary services in pediatrics. In: UpToDate, Rose, BD (Ed), UpToDate, Wellesley, MA, 2001
9. Lau, C. The effect of stress on lactation – Its significance for the preterm infant. In: Davis, MK, Isaacs CE, Hanson, L, Wright AL (eds). Integrating population outcomes, biological mechanisms, and research methods in the study of human milk and lactation. *Adv Exp Med Biol* 2002; 503: 91-97
10. Lau, C. Sucking and swallowing in the newborn. In: UpToDate, Rose, BD (Ed), UpToDate, Wellesley, MA, 2002
11. Lau C, Hurst N, Burns P, Schanler RJ. Interaction of stress and lactation differs between mothers of premature singletons and multiples. In: LK Pickering, AL Morrow; GM Ruiz-Palacios, RJ Schanler (eds). Protecting infants through human milk- Advancing the scientific evidence. *Adv Exp Med Biol* 2004; 554:313-316
12. Lau C. Oral Feeding in the Preterm Infant. *NeoReviews*, 2006; e19-e27
13. Lau C. Développement de l'oralité chez le fœtus et le nouveau-né. In: *Progrès en Néonatalogie*, Progrès: Troubles de l'oralité chez le nouveau-né, 2006 ; 26: 61-73
14. Lau C. Développement de l'oralité chez le nouveau-né prématuré. *Arch Pédiatr* 2007; 14: S35-S41.
15. Lau C. Feeding Preterm Infants - What do we know? *AgroFOOD industry hi-tech* 2009; 20:56-59.
16. Lau C. Chapt 29: Development of oral feeding skills in the preterm infant. In: Ed: Preedy VR, *The Handbook of Growth and Growth Monitoring in Health and Disease, Pt 3*, New York, NY: Springer Publishing 2012; pp 499-512 (doi: 10.1007/978-1-4419-1795-9_29)

Abstracts (Presentations at Professional conferences):

1. Lau C, Marotta SF. The role of peripheral chemoreceptors on adrenocortical secretory rates of anesthetized dogs during hypoxia. *40th Annual Scientific Meeting, Aerospace Medical Association*, San Francisco, CA, May 5-8, 1969.
2. Lau C, Marotta SF. Alterations in adrenocortical activity during stimulation of the respiratory chemoreceptors by concurrent changes in blood oxygen and carbon dioxide. *Fed. Proc.* 29: 778, 1970.
3. Lau C. Adrenocortical function in hypothalamic deafferented rats maintained at high altitude. *IVth Int'l. Congress of Endocrinology*, Washington, DC, June 18-24, 1972.
4. Lau C, Henning SJ. Regulation of milk ingestion in the infant rat. *International Society for Developmental Psychobiology*, Hyannis, MA, Nov. 3-6, 1983.
5. Lau C, Henning S J. Regulation of milk ingestion in the infant rat: Importance of mammary sensitivity to oxytocin. *International Society for Developmental Psychobiology*, Dallas, TX, Oct. 18-20, 1985.
6. Blake HJ, Lau C, Henning SJ. A new method for the artificial raising of infant rats: The palate cannula. *37th Annual Fall Meeting, American Physiological Society*, New Orleans, LA, Oct. 5-9, 1986.
7. Lau C, Henning SJ. Adrenocortical activation and the sympatho-adrenomedullary system do not necessarily influence milk ejection in the rat. *International Society for Developmental Psychobiology*, New Orleans, LA, Nov. 12-15, 1987.
8. Lau C. Effect of various stressors on milk ejection in the rat. *70th Ann. Meet. of the Endocrine Society*, New Orleans, LA, June 8-11, 1988.
9. Lau C. Effect of peripheral opiates on milk ejection during restraint in the rat. *71th Ann. Meet. of the Endocrine Society*, Seattle, WA, June 21-24, 1989
10. Lau C, Henning SJ. A non-invasive method for determining patterns of milk intake in the breast-fed infant. *International Society for Developmental Psychobiology*, San Francisco, CA, October 26-29, 1989
11. Soriano-Brücher H, Lau C, Finegold M, Ledley F, Henning SJ. Gene transfer into the intestinal epithelium. *American Gastroenterology Association*, New Orleans, LA, May 19-22, 1991
12. Lau C, Sullivan M., Hazelwood R L. The effects of diabetes mellitus on lactation in rats. *73rd. Ann. Meet. of the Endocrine Society*, Washington, D.C., June 19-22, 1991
13. Chandrasena G, Lau C, Sunitha I, Nanthakumar N, Henning SJ. Sucrase-isomaltase (SI) mRNA expression along the crypt-villus axis in the rat small intestine. *FASEB Summer Research Conferences*, Copper Mountain, CO, August 4-9, 1991.
14. Lau C, Soriano-Brücher H, Hourigan T, Finegold M, Ledley F, Henning SJ. The intestine as a possible site for gene therapy.

Keystone Symposium on "Gene Transfer, Replacement and Augmentation, Copper Mountain, CO., April 3-9, 1992.

15. Cohen MB, Mann EA, **Lau C**, Henning SJ, Giannella RA. A gradient in expression of the *E. Coli* heat-stable enterotoxin (ST_a) receptor along the villus-to-crypt axis in the rat intestine. *American Gastroenterology Association, San Francisco, CA, May 10-13, 1992.*
16. Sandberg JW, **Lau C**, Henning SJ. Mucus eradication as a means for optimizing intestinal gene transfer. *Cell Biochem. Suppl 17E: 241, 1993.*
17. **Lau C**, Hurst N, Burns P, Schwartz L, Schanler R. Kinetics of the first oral feeding in very low birth weight (VLBW) infants. *Pediatr. Res. 33: 306A, 1993.*
18. **Lau C**, Schanler RJ. Development of sucking behavior in very low birthweight infants (VLBWI). *Pediatr Res. 35:23A, 1994.*
19. Brandt ML, Saade GR, Moise KJ, Belfort MA, Finegold MJ, Eckert JW, Buerkle CJ, **Lau C**, Henning SJ. Sonographically guided gastric puncture in the fetal rabbit. *Pediatr. Res 35: 125A, 1994.*
20. Brandt ML, Moise KJ, Woo S, Pons L, Eckert JW, Finegold M, Saade G, **Lau C**, Buerkle C, Henning SJ. Transduction of small bowel epithelium with retroviral marker genes in fetal rabbits by intrauterine gastric injection. *Pediatr. Res. 35: 151A, 1994.*
21. **Lau C** Sheena H., Schanler R. Development of sucking behavior as a function of preterm infants' maturity. *Pediatr Res 37: 16A, 1995.*
22. Sheena H., Schanler R., **Lau C**. Clinical indicators to assess preterm infants' oral feeding success. *Pediatr Res 37: 319A, 1995.*
23. Schanler R.J., Shulman R.J., **Lau C**. Early feeding increases mineral absorption in preterm infants. *Pediatr Res 37: 319A 1995.*
24. Shulman R.J., Schanler R.J., Heitkemper M., **Lau C**, Ou C., Intestinal permeability in the premature infant is related to urinary cortisol excretion. *Gastroenterology 110: A839, 1996*
25. Shulman RJ, Schanler RJ, **Lau C**, Heitkemper M. Early feeding in preterm infants increases lactase activity. *Pediatr Res 39: 320A, 1996*
26. Schanler RJ, Shulman RJ, **Lau, C**. Randomized trial of bolus vs. continuous tube-feeding in premature infants. *Pediatr Res 39: 243A, 1996*
27. Schanler RJ, Shulman RJ, **Lau, C**. Fortified human milk improves the health of the premature infant. *Pediatr Res 40: 551A, 1996*
28. Schanler RJ, Shulman RJ, **Lau, C**, Growth of premature infants fed fortified human milk. *Pediatr Res 41: 240A, 1997*
29. **Lau C**, Schanler R.J. Self-paced milk flow enhances bottle feeding in premature infants. *Pediatr Res 43: 263A, 1998*
30. Alagugurusamy R, Schanler RJ, **Lau C**. Identification of stages of sucking behavior in premature infants that may be used as indicators of feeding performance. *Pediatr Res 43(4) Suppl 2: 255A, 1998*
31. **Lau C**, Shulman RJ, Schanler RJ. Assessment of oral feeding in the neonate. World Federation of Occupational Therapists, May 31-June 5, 1998, Montreal, Canada
32. Linge I., **Lau C**. Development of a finger pressure device for clinical feeding evaluation. World Federation of Occupational Therapists, May 31-June 5, 1998, Montreal, Canada
33. **Lau C**, Mikhail C, Hurst N, Schanler RJ. Lactation and stress in mothers of premature infants. *Pediatr Res 45: 15A, 1999*
34. Simpson C, **Lau C**. Models of chronic stress and their effects on lactation. *Pediatr Res 45: 291A , 1999*
35. **Lau C**. Tools for the assessment and enhancement of oral feeding in premature infants. Mead Johnson Nutritionals, Ann South Central Conference on Perinatal Research, October 20-22, 1999, Austin TX
36. **Lau C**, Thomas AC, Larson C, Hurst N, Schanler RJ. Characteristics of mothers who provide milk for their preterm infants. *Pediatr Res 47:A291, 2000.*
37. Scheel C, Schanler RJ, **Lau C**. Does the choice of nipple affect oral feeding performance in preterm infants? *J Invest Med 2000; 48: 126A*
38. Scheel CE, **Lau CL**, Schanler RJ. Bottle feeding performance is affected by choice of nipple for preterm infants introduced to oral feeding. *J Perinatol 2000; 20:466-7.*
39. Scheel C, **Lau C**, Schanler RJ. Nipple choice affects feeding performance in preterm infants. *FASEB J 14:A530, 2000.*
40. Simpson C, **Lau, C**, Schanler RJ. Introduction of oral feeding in premature infants. *FASEB J 14:A532, 2000.*
41. Scheel CE, **Lau CL**, Schanler RJ. Bottle nipple characteristics enhance feeding performance in premature infants. *Pediatr Res 47:A296, 2000.*
42. Simpson C, **Lau C**, Schanler RJ. Can we introduce oral feeding early in preterm infants? *Pediatr Res 47:A431, 2000.*
43. Scheel CE, **Lau C**, Schanler RJ. Proper selection of nipple may facilitate oral feedings in preterm infants. Mead Johnson Nutritionals, Ann South Central Conference on Perinatal Research, October 18-20, 2000, Austin TX
44. Fucile S, Gisel E, **Lau C**. The effect of a prefeeding oral stimulation program on the feeding performance of preterm infants born between 26-20 weeks of gestational age. Dysphagia Research Society, Savannah, GA, October 26-28, 2000
45. Simpson C, Schanler RJ, **Lau C**. Early introduction to oral feeding: its implication in the clinical management of preterm infants. Dysphagia Research Society, Savannah, GA, October 26-28, 2000
46. Scheel CE, Schanler RJ, **Lau C**. Bottle feeding performance in preterm infants, as influenced by the choice of nipple. Dysphagia Research Society, Savannah, GA, October 26-28, 2000
47. Scheel CE, **Lau C**, Schanler RJ. Bottle feeding performance is affected by choice of nipple for preterm infants introduced to oral feeding. *Amer Acad Pediatr, Chicago, IL, October 28-31, 2000*
48. Scheel CE, **Lau C**, Schanler RJ. Bottle nipple choice affects oral feeding performance in very-low-birth-weight infants (VLBWI). *Pediatr Res 49: A343, 2001*
49. Fucile S, Gisel E, **Lau C**. Oral stimulation accelerates the transition from tube to oral feeding in preterm infants. 2001 Pediatric Academic Societies Meeting, Baltimore, MD, April 28-May 1, 2001

50. **Lau C**, Smith EO, Schanler RJ. Coordination of suck-swallow-breathe in the preterm infant. Dysphagia Research Society, Albuquerque, NM October 11-13, 2001
51. **Lau C**, Smith EO, Schanler RJ. Oral-motor skills responsible for the improved oral feeding performance in preterm infants. Amer Acad Pediatr, San Francisco, CA October 20-24, 2001
52. **Lau C**, Nagy E, Hurst N, Schanler RJ. Maternal psychological stress and lactation following premature delivery. *Pediatr Res* 2002; 51: 25A
53. Schanler RJ, **Lau C**, Hurst NM, Burns P. Randomized trial of donor human milk or preterm formula as supplements to mothers' own milk for extremely premature infants. *Pediatr Res* 2002; 51: 319A.
54. **Lau C**, Hurst N, Schanler RJ. Interaction of stress and lactation differs between mothers of premature singletons and multiples. International Society for Research in Human Milk and Lactation, Mérida, Mexico, Oct 4-8, 2002
55. **Lau C**, Hurst N, Burns, P, Schanler RJ. Interaction of stress and lactation differs between mothers of premature singletons and multiples. Pediatric Academic Societies' Annual Meeting, Seattle WA, May 3-6, 2003
56. Fucile S, Gisel E, **Lau C**. Effect of a pre-feeding oral stimulation program on the feeding performance of pre-term infants born between 26-29 weeks gestational age. 4th Graz Symposium on Developmental Neurology Graz, Austria, May 22-24, 2003.
57. Fucile S, Gisel E, **Lau C**. Effect of a pre-feeding oral stimulation program on the feeding performance of pre-term infants born between 26-29 weeks gestational age. American Academy for Cerebral Palsy and Development Medicine (57th Annual meeting), Montreal, Canada, Sept 10-13, 2003
58. **Lau C**, Scheel CE, Schanler RJ. Does the choice of bottle nipple affect oral feeding performance of very-low-birth-weight (VLBW) infants? Dysphagia Research Society, San Francisco, CA, October 2-4, 2003
59. **Lau C**, Hurst N, Schanler RJ. Stress and lactation in mothers of very low birth weight infants (VLBWI). Pediatric Academic Societies' Annual Meeting, San Francisco CA, May 1-4, 2004.
60. Fucile S, Gisel E, **Lau C**. Effect of a nonnutritive oral stimulation intervention on the maturation of sucking skills in preterm infants less than 30 weeks gestational age (GA). Dysphagia Research Society, Montreal, PQ Canada, October 14-16, 2004.
61. Schanler RJ, Fraley, JK, Hurst NM, **Lau C**. Are Cultures of Expressed Human Milk Predictive of the Pattern of Infection in Extremely Premature Infants (EP) in the NICU? Society for Pediatric Research, Washington DC, May 14-17, 2005
62. Amaizu N, **Lau C**, Shulman R, Schanler R. Maturation of Pre-term Infant's Oral Feeding Skills Society for Pediatric Research, Washington DC, May 14-17, 2005
63. **Lau C**, Amaizu N, Shulman R, Schanler R. Effect of Gestational Age on Oral Feeding and Suck-Swallow Coordination in Preterm Infants. Society for Pediatric Research, Washington DC, May 14-17, 2005
64. Fucile S, Gisel E, Schanler R, **Lau C**. Use of a vacuum-free bottle enhances preterm infants' nutritive sucking skills. Society for Pediatric Research, San Francisco CA, April 29 – May 2, 2006
65. Fucile S, Gisel E, Schanler R, **Lau C**. Vacuum-free bottles facilitate preterm infants' nutritive sucking skills. *Am Acad Cerebral Palsy Dev Med*, Boston MA, Sept 13-16, 2006
66. **Lau C**, Hurst N, Smith EO, Schanler RJ. Psychological stress profile of lactating preterm mothers from varied American ethnic/racial background. . International Society for Research in Human Milk and Lactation, Niagara-on-the-Lake, ON Canada, Sept 22-26, 2006 (*J Hum Lact* 2007; 23: 91)
67. Fucile S, Gisel E, **Lau C**. Effect of pre-feeding sensori-motor interventions on the oral feeding performance. Dysphagia Research Society, Isle of Palms, South Carolina March 5-8, 2008
68. Sangild P, Rasch S, Gregersen H, Thyman T, **Lau C** Immature Esophageal Motility May Relate to Necrotizing Enterocolitis in Preterm Pigs, Society for Pediatric Research, Honolulu HI, May 1-6, 2008; 2008; E-PAS2008:5839.10
69. **Lau C**, Turcich M, Johnson YR. Stress in Mothers of Very Low Birth Weight (VLBW) Infants, Society for Pediatric Research, Honolulu HI, May 1-6, 2008; E-PAS2008: 4457.5
70. Rasch S, Sangild P, Moeller H, Gregersen H, **Lau C** The preterm piglet - a potential model for the preterm infant in the study of esophageal maturation. Dig Dis Week, San Diego, CA, May 17-22, 2008
71. **Lau C**. Swallow Intervention Can Enhance Oral Feeding Performance in Preterm Infants, Society for Pediatric Research, Baltimore, MD, May 2-5, 2009; E-PAS2009:5508.158
72. **Lau C**. Predictors for Time to Attainment of Independent Oral Feeding in Hospitalized Infants, Society for Pediatric Research, Baltimore, MD, May 2-5, 2009; E-PAS2009: 2839.370
73. **Lau C**, Rasch S, Gregersen H, Schmidt M, Sangild P, Omari T. The preterm piglet – a model of the developmental study of the upper gastrointestinal (GI) tract for preterm infants , Society for Pediatric Research, Baltimore, MD, May 2-5, 2009; E-PAS2009:2839.371
74. **Lau C**. A meditational model of depression, affect intensity, psychological symptoms, and coping styles in mothers of preterm infants. Society for Pediatric Research, Vancouver, BC, Canada May1-4, 2010; E-PAS 2010:2850.315
75. **Lau C**, Swanson A. Interventions that enhance oral feeding performance in preterm infants enhance their oral feeding skill levels. Society for Pediatric Research, Vancouver, BC, Canada May1-4, 2010; E-PAS 2010:4424.556
76. Johnson YR, **Lau C**. Maternal Postpartum Psychological Wellbeing Predicts Preterm Infants Outcomes at 12 Months Corrected Age. Society for Pediatric Research, Vancouver, BC, Canada May1-4, 2010; E-PAS 2010:3731.310
77. Bhat K, **Lau C**, Schanler RJ. Late Preterm Infants' Skill at First Oral Feeding Predicts Length of Hospital Stay. *Eastern SPR*, Mar 25, 2011; Abstr# 752376
78. Bhat K, **Lau C**, Schanler RJ. Late Preterm Infants' Skill at First Oral Feeding Predicts Length of Hospital Stay. Society for Pediatric Research, Denver, CO April 30-May 3, 2011; E-PAS 2011: 4521.281

79. **Lau C**, Smith EO. Interventions for Improving the Oral Feeding Performance of Preterm Infants. Society for Pediatric Research, Boston Ma April 28-May 1, 2012; E-PAS 2012:1536.646
80. **Lau C**, Fucile S, Schanler RJ. Preterm Infants Have More Mature Oral Feeding Skills Than We Think! Society for Pediatric Research, Washington DC May4-7, 2013; E-PAS 2013: 3840.682
81. **Lau C**, Turcich M A mother's stress during her infant's NICU hospitalization. Society for Pediatric Research, Washington DC May 3-6, 2014; E-PAS 2014:3844.636
82. Zimmerman E, **Lau C**. Infant feeding: The development of a Mother-Infant Mutualism Scale. ASHA 2015 Convention, Denver CO Nov 12-14, 2015
83. Zimmerman E, **Lau C**, McGrattan K. Unveiling the scientific foundations to support NICU dysphagia management strategies: A review of the facts, physiology, & functions. ASHA 2015 Convention, Denver CO Nov 12-14, 2015
84. **Lau C**, Turcich MR: Parenting Stress as a Result of Very Low Birth Weight Delivery: Follow-Up to 12-Months. Society for Pediatric Research, Baltimore MD Apr30-May 3, 2016; E-PAS 2016:2839.331. (DOI: 10.13140/RG.2.2.22037.32485)

External Research Support:

Received:

- NIH-R43: "Infant Oral Feeding Device for Use in Neonatal Intensive Care Units". R43HD072847 (2012-2015)
 PI/CEO of Lau-Yeu LLC: **C Lau**
- NIH –NOT-OD-12-146 (Niche Assessment Program to 1R43HD072847-01 (2012)
 Los Alamos National Laboratory, Los Alamos, NM - New Mexico Small Business Assistance Program (2010-2011) PI/CEO of Lau-Yeu LLC: **C Lau**
- Los Alamos National Laboratory, Los Alamos, NM - New Mexico Small Business Assistance Program (2012-2013) PI/CEO of PediBioMetrix LLC: **C Lau**
- NIH- R01: "Oral Feeding in Infants" (2005-2010), R01 HD 44469 (no cost extension to 5/31/2011)
 PI: **C. Lau**; Co-I: L.E. Weisman, E.O. Smith, C. Redel
- NIH-MO1RR000188:"Oral/motor Kinetics in Neonates/Interventions for the enhancement of Oral Feeding in Preterm Infants".
 General Clinical Research Centers Program (2000-2010)
- NIH-R01: "Feeding Strategies for Low Birth Weight Infants" (1997-2001), R01 HD 28140
 PI: R.J. Schanler; Co-I: **C. Lau**, K.J. Ellis, E.O. Smith, L.E. Weisman
- NIH-R01: "Feeding Strategies for Low Birth Weight Infants" (1992-1997), R01 HD 28140
 Co-PI's: R. J. Schanler, R. J. Shulman, **C. Lau**, M. Heitkemper
- NIH-R01: "Gene Transfer into the Intestinal Epithelium" (1992-1995)
 P.I.: S. J. Henning; Co-Investigator: **C. Lau**
- NIH-R-23 (NI Research Award): "Regulation of Milk Letdown in Normal and Stressed Rats" (1985-1988)
 P.I.: **C. Lau**

Internal Research Support:

Received:

- Texas Children's Hospital (Development and Auxiliary)
 Equipment purchase (1998)
- Baylor College of Medicine - (Pediatrics Fund):
 To establish a Feeding Disorders Center at Texas Children's Hospital (1997–1998)
- Baylor College of Medicine - (General Clinical Research Center):
 "Factors affecting lactation in mothers of hospitalized newborns" (1993-1994)
- Baylor College of Medicine - (Biomedical Research Support Grant):
 "β-endorphins and lactation" (1991-1992)
- University of Houston - (Biomedical Research Support Grant):
 "Effect of cocaine on maternal performance and neonatal development" (1989-1990)
- University of Houston - (Biomedical Research Support Grant):
 "Regulation of milk letdown in normal and stressed rats" (1988-1989)

Teaching:

Courses:

University of Houston:

Physiology (lecturer)	Junior/Senior - Lecture	1991
Endocrinology (co-lecturer)	Upper/Grad - Lecture	1988, 1993
Anatomy & Physiology	Fresh/Soph - Lecture/Lab	1986 - 1989
Introduction to Biology	Fresh/Soph - Lecture	1985

Baylor College of Medicine:

Integrative Problem Solving (Facilitator)	First-year Medical Students	1997- 2003
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Texas Children's Hospital:

Oral feeding in infants	Nursing (in-services)	2001- 2007
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(Neonatal Intensive Care Unit)

Seminars/Lectures (Baylor College of Medicine)

- Pediatric GI Research Workshop. "Effects of Stress on Lactation/Maternal and Offspring Effects of Drugs of Abuse" October 12, 1989
- Children's Nutrition Research Center. "The Effects of Various Stressors on Milk Ejection in the Rat" January 18, 1990
- Department of Pediatrics, Neonatology Conference. "Development of Oral Feeding" May 15, 1991
- Reproductive & Developmental Seminar. "Gene Transfer into the Intestinal Epithelium" May 28, 1991
- Pediatric GI Research Workshop. "Oro-motor Kinetics of Sucking in Newborn Infants" October 7, 1991
- Pediatric GI Research Workshop. "Progress Report on Studies of Oral-motor Kinetics in Premature Infants" March 7, 1994
- Center for Comparative Medicine Grand Rounds. "Gene Transfer into the Gastrointestinal Tract" November 3, 1994
- Neonatology Research Conference. "Oral motor function in the premature infant" October 28, 1998
- Neonatology Physiology Conference. "Stress and Lactation" May 12, 2000.
- Neonatology Physiology Conference. "Oral feeding in the preterm infant" May 26, 2000
- Neonatology Research Conference. "The coordination of suck-swallow-breathe in the preterm infant" February 21, 2001
- Neonatology Physiology Conference. "Oral feeding in the preterm infant" May 30, 2001; September 26, 2001
- Neonatology Physiology Conference. "Implementation of a new oral feeding approach in the nurseries at Texas Children's Hospital" December 19, 2001
- Pediatric Grand Rounds. "Oral feeding in the premature infants" December 21, 2001
- Pediatric Gastroenterology Research Workshop, "Oral feeding in the preterm infant" October 21, 2002
- Neonatology Physiology Conference. "Lactation & the preterm infant" November 20, 2002
- Neonatology Physiology Conference. "Oral feeding & the preterm infant" December 4, 2002
- Neonatology Research Conference. "The effect of stress on lactation in mothers of preterm infants" March 19, 2003
- Neonatology Research Conference, "Effect of an oral stimulation program on the maturation of sucking skills of preterm infants" January 7, 2004
- Neonatology Physiology Conference. "Oral feeding and the hospitalized infant" August 18, 2004
- Neonatology Physiology Conference. "Developmental oral feeding program at TCH" August 25, 2004
- Department of Pediatrics, Perinatal conference. "From OB to PD: Why is it so difficult for a preterm baby to feed by mouth?" October 1, 2004
- Neonatology Research Conference. "Readability of medical information: Literacy & Comprehension" & "Efficacy of an infant oral feeding brochure in the reduction of maternal stress" January 13, 2005
- Neonatology Research Conference. "Interventions for the enhancement of oral feeding in preterm infants" October 27, 2005
- Neonatology Research Conference. "Cultural diversity, psychological stress, lactation, and very low birth weight mothers" November 15, 2006
- Neonatology Physiology Conference. "Oral feeding, the at-risk infant" January 10, 2007
- Neonatology Research Conference. "How does a vacuum-free bottle facilitate nutritive sucking skills?" December 6, 2007
- Neonatology Research Conference. "The Preterm Piglet - A research model for the developmental study of the upper GI tract" December 18, 2008
- Neonatology Physiology Conference. "Oral feeding, the at-risk infant" February 25, 2009
- Neonatology Physiology Conference. "Oral feeding the infant - What can we do?" March 3, 2010
- Neonatology Research Conference. "Translational Research - Interventions to enhance preterm infants' oral feeding skills" April 26, 2012

Seminars/Lectures (Invited speaker)

- American Society for Parenteral and Enteral Nutrition, 22nd Clinical Congress, Lake Buena Vista, FL (January 18-21, 1998)
- Society for Pediatric Research/ American Pediatric Societies, New Orleans, LA (May 1-5, 1998).
- Symposium: Feeding Strategies in Low-Birth-Weight Infants, "Development of Sucking and Swallowing and Assessment of the Readiness for Oral Feeding"
 - Special Interest Groups: Holistic Medicine: "Stress and Lactation - Acupuncture and Kangaroo Care"
- World Federation of Occupational Therapists, 12th International Congress, Montréal, PQ, Canada (May 31-June 5, 1998): "Assessment of oral feeding in the neonate"
- 108th Ross Conference on Pediatric Research, Phoenix, AZ (April 9-11, 1999): Human Milk for Very Low Birth Weight Infants. "Stress and Lactation"
- Tri-Regional Neonatology Research Meeting. Houston, TX (February 9, 2000). "Development of Sucking in the Preterm Infant"
- Pediatric Academic Societies Annual Meeting, Boston MA (May 12, 2000). Mini Course entitled "The importance of breastfeeding for preterm infants: Management issues during and after hospital discharge": "Stress and lactation: Implications for the mother of the preterm infant"

- Tenth International Society for Research on Human Milk and Lactation, Tucson , AZ (September 16, 2000): “The effect of stress on lactation – Its significance for the premature infant”
- The Physical and Developmental Environment of the High-Risk Infant, Clearwater beach, FL (January 13-16, 2002):
 Plenary session : “Sucking and coordination of suck-swallow-breathe in the preterm infant”
 Workshop : ”Interventions for the enhancement of oral feeding in the preterm infant”
- XXXIIIème Congrès de l’Association des Pédiatres de Langue Française, Beyrouth, Lebanon (April 9-12, 2002).
 Neonatology Round Table: « Stress et alimentation maternelle »
- Neonatal Nutrition Conference, Houston TX , (March 2-5, 2003): “Facilitation of oral feedings by the premature infant”
- St Vincent Hospital, Santa Fe NM, (August 3, 2003): “Oral Feeding and the Preterm Infant”
- Joe DiMaggio Children’s Hospital, Hollywood, FL (September 19-20, 2003): The Medically Fragile Preterm Infant:
 Plenary session: “Development of suck-swallow-breathe coordination in the preterm infant”
 Workshop: “Intervention for the enhancement of oral feeding in the preterm infant”
- Pediatric Feeding and Swallowing Conference, Edmonton, AB, Canada (October 29 & 30, 2004):
 “Oral Feeding the Hospitalized Infant ”
- International Pediatric Cardiac Nursing Symposium, Houston TX (November 12-13, 2004): “Feeding: The Hows and Whys”
- Presbyterian Hospital, Albuquerque, NM (December 6, 2004):
 Plenary Session: “Oral Feeding in the NICU”
 Workshop: “Interventions for the Enhancement of Oral Feeding in the Preterm Infant”
- Mead Johnson, Evansville, IN (June 14, 2005): “Oral Feeding and the Premature Infant”
- Baylor Perinatal Outreach Program- 29th Annual Nursing Symposium, Houston, TX (October 28, 2005):
 “Look who’s feeding!”
- Neonatal Nutrition Conference, Houston TX (March 5-8, 2006): “Facilitating Oral Feedings in Premature Infants”
- Centre Hospitalier Universitaire de Lyon, Lyon, France (March 28-29, 2006): "Pour faciliter l’oralité chez le prématuré -
 Prévention des troubles de la succion & déglutition "
- Journées Nationales de Néonatalogie, Paris, France (March 30-31, 2006): “Biologie du développement de l’oralité chez le fœtus et le nouveau-né”
- Neonatal Nutrition Conference, Houston TX (March 4-7, 2007): “Facilitating Oral Feedings in Premature Infants”
- United Regional Conference, Wichita Falls TX (Oct 20, 2007): “Facilitating Oral Feedings in Preterm Infants”
- 8th Annual Baby Steps Conference, Pensacola FL (March 6-7, 2008): “Oral Feeding the Preterm Infant- Case Presentations”
- Nijmegen, Netherlands (June 4-6, 2008):
 Plenary Session: “Oral Feeding the Infant – What do we know?”
 Workshop on “Oral Feeding the Infant –What can we do?”
- Neonatal Nutrition Conference, Houston TX (March 1-3, 2009): “Oral Feeding the Infant – What do we know? What can we do?”
- First Oral Feeding in Premature Infants Symposium, University of Kansas, Lawrence KS (April 14-15, 2009): “The Preterm Piglet-A research model for the developmental study of the upper GI tract in the preterm neonate”
- Neonatal Nutrition Conference, Houston TX (February 28-March 3, 2010): “Oral Feeding the Infant – What do we know? What can we do?”
- Presbyterian Hospital, Albuquerque NM (March 11, 2010): Oral feeding workshop
 Plenary Session: “Infant Oral Feeding - What do we know?”
 Workshop: “Infant Oral Feeding - What can we do?”
- Association de Pédiatrie de la Région du Tensift, Marrakech, Morocco (December 11-12, 2010) : “L’Alimentation du prématuré et du nouveau né à terme“ Plenary session and Workshop
- Pediatric Academic Societies, Denver, CO (Apr 30-May 3, 2011), Neonate Feeding Club: « A simple approach to assess oral feeding skills of preterm infants”
- The 6th Annual Perinatal/Neonatal Conference “All about the family”, San Jose CA (Nov 2-3, 2011):
 Plenary Session and Workshops: “The mechanics of oral feeding in preterm infants”
- Neonatal Feeding Club, SPR/PAS “Potential Impact of a Preventive Personalized Feeding Program for Premature Infants”, Boston MA April 28-May 1, 2012 Hot Topics in Neonatal Feeding: Challenging the Future.
- The 7th Annual Perinatal/Neonatal Conference “All about the family”, San Jose CA (Oct 30-31, 2012)
 “Oral Feeding Issues”
- Medical University of South Carolina, Pediatrics/Neonatology, Charleston SC (Nov 23, 2012).
 Plenary session: “The mechanics of oral feeding in preterm infants”
 Workshop: “Oral feeding workshop”
- Unidad de trastornos en la alimentación, Montevideo, Uruguay (November 8-9, 2012)
 Plenary Session and workshops: « La evolución de la deglución en el prematuro » ; « Qué podemos hacer? »
- Harris Visiting Professorship, University of Illinois at Chicago College of Nursing, Chicago IL (Nov30, 2012)
 “The development of infant oral feeding skills”
- Oregon Health & Science University, Portland OR (March 21, 2013) – Grand Rounds & Workshop on “Development of

oral feeding skills in preterm infants”
 Kaiser Permanente, Oakland CA, Dept of Pediatric Rehabilitation (January 27-28, 2014) – Plenary & Workshop: “Oral feeding the infant –What do we know and what can we do?”
 Presbyterian Hospital, Albuquerque NM (March 12, 2015): “The Nutritive Sucking Pathway – have our approaches to oral feeding improved in the NICU?”
 Kansas State University Manhattan KS – KAWSE ADVANCE Distinguished Lecture Series seminar: (April 15, 2015): “The Nutritive sucking pathway – Lactation and Stress”
 Nationwide Children’s Hospital Columbus OH – Grand Rounds & Workshop (September 8, 2015) – “Understanding Infants’ Oral Feeding Challenges in NICUs”
 American Speech-Language-Hearing Association (ASHA) Convention, National Convention, Denver CO (Nov 12-14, 2015) -Unveiling the scientific foundations to support NICU dysphagia management strategies: A review of the facts, physiology, & functions.
 11th World Congress of Pediatrics – Towards a Better Global Child Health – Luxor Egypt (January 25-28, 2017) – “Development of Infant Oral Feeding Skills”; “Evaluation Scales – Evidence-Based Interventions – Individualized Management Care”; “Breastfeeding & the Preterm Mother-Infant Dyad”
 National Association of Neonatal Therapists – Phoenix AZ (April 7-8, 2017) - “A novel Oral Feeding Scale for the Individualized Management of Preterm Infants”
 Pediatric Academic Societies, San Francisco CA (May 6-9, 2017), Neonate Feeding Club: "Oral Feeding Monitoring Approaches in Support of Preterm Infants’ Individualized Management Plan"
 Innara Health Educational Webinar (September 21, 2017) – “Oral Feeding the Infant. What do we know?”

Trainees

Undergraduate student

Alicia Thomas (Texas A & M University) Summer 1999

Winter Term Internship

Christina Pease (Middlebury College) January 1995

Summer Medical and Research Training (SMART) Program, Baylor College of Medicine

Susan Lee (Harvard University) Summer 1994

Livia Santiago-Rosado (Harvard University) Summer 1993

Graduate Students

Mary Sullivan (mentor) M.S., University of Houston, Dept. of Biology, Houston, TX 1988-1990

Nancy Hurst, R.N., B.S. (committee member) M.S., University of Texas School of Nursing Houston, TX 1993-1994

Sandra Fucile (Research mentor) M.S. candidate, School of Physical and Occupational Therapy, McGill University, Montréal, PQ, Canada 1998- 2001

(Research mentor) PhD candidate, School of Physical and Occupational Therapy McGill University, Montréal, PQ, Canada 2002-2008

Søren Nyhuus Rasch (Senior thesis Committee member) Veterinary School, Univ of Copenhagen, Copenhagen, Denmark 2007-2008

Katlyn McGrattan (Research Consultant) PhD candidate, Medical University of South Carolina Charleston SC 2012-2014

(Mentee) Postdoctoral fellow, Nationwide Children Hospital, Columbus OH 2014- present

Holly L McClellan (PhD Thesis Examiner) PhD candidate The University of Western Australia, Crawley WA, Australia 2012

Tianchan LV RN, MSN (Research Consultant) PhD candidate, Fudan University, Shanghai, China 2010-present

Resident

Helene Sheena, M.D. (Research mentor) Baylor College of Medicine, Dept. of Pediatrics, Houston, TX Gastroenterology Section 1993-1995

NIDCD-ASHA Research Mentoring Network (ARM)

Emily Zimmerman, PhD (Mentee) Assistant Professor, Northeastern University, Boston MA 2013- 2014

Samantha Shune (Mentee) Assistant Professor, Oregon Health & Science University Portland OR 2014-2015

Clinical Fellows

Mario Jacomino, M.D. Baylor College of Medicine, Dept. of Pediatrics 1993-1996

(Co-Mentor)	Gastroenterology Section	
James Sandberg, M.D.	Baylor College of Medicine, Dept. of Pediatrics	1990-1993
(Co-Mentor)	Gastroenterology Section	
Chandra Simpson, M.D.	Baylor College of Medicine, Dept. of Pediatrics	1997-2000
(Mentor)	Neonatology Section	
Carlos Scheel, M.D.	Baylor College of Medicine, Dept of Pediatrics	1999- 2001
(Co-Mentor)	Neonatology Section	
Nneka Amaizu, M.D.	Baylor College of Medicine, Dept of Pediatrics	2002- 2005
(Mentor)	Neonatology Section	
Debra Weinberger, M.D.	Baylor College of Medicine, Dept of Pediatrics	2005-2006
(Mentor)	Otolaryngology,	
(Consultant)	Assistant Professor, Southwestern Medical School, Dept of Otolaryngology, Dallas TX	2006- 2007
Ganga Gokulakrishnan, M.D.	Baylor College of Medicine, Dept of Pediatrics	2008- 2010
(Committee Member)	Neonatology Section	
Patricia Williams, M.D.	Baylor College of Medicine, Dept of Pediatrics	2009- 2010
(Committee Member)	Neonatology Section	
Kiran Bhat, M.D.	North Shore University Hospital, Manhasset, NY	2010- 2012
(Research Consultant)	Division of Neonatal-Perinatal Medicine	
Katlyn McGrattan PhD	Medical University of South Carolina, Charleston NC	2012-2016
(Mentor)		
<i>Faculty</i>		
Emily Zimmerman, PhD	Assistant Professor, Northeastern University, Boston MA	2013- present
(Mentee/Research Collaborator)		
Lindsey Hulbert PhD	Assistant Professor of Physiology and Behavior,	2014 - present
(Consultant)	Department of Animal Sciences and Industry, Kansas State University, Manhattan KS	

On-going Projects:

- Oral feeding in infant	2005-present
- Maternal stress and the preterm infant; Mother-Infant Dyad	2005- present
- Standardization of milk thickeners	2007- 2012
- Predictors of oral feeding success in preterm infants	2008-present
- Development of an Infant Oral Feeding Center at Texas Children'	2010-2014

Nov 2017