

**Jack E. Turman, Jr., Ph.D.**  
**Curriculum Vitae**

**EDUCATION**

3/92	Ph.D.	University of California, Los Angeles	Kinesiology (neuroscience emphasis)
6/89	M.S.	University of California, Los Angeles	Kinesiology
10/84	B.S.	Washington University, St. Louis, MO	Physical Therapy

**POST-PROFESSIONAL TRAINING**

6/2015	Fellow	Deans Leadership Seminar The Aspen Institute
1/14-12/14	Fellow	National Leadership Academy for the Public's Health Public Health Institute/Centers for Disease Control
6/04-12/04	Visiting Scholar	Developmental Neuropsychobiology Laboratory School of Medicine, Washington University in St. Louis
9/91-6/92	Post-Graduate Fellow	Department of Psychiatry and Biobehavioral Sciences School of Medicine, University of California, Los Angeles

**HONORS AND AWARDS**

- 2019 Spirit and Place Festival Awardee: Herstory: A Pregnancy/Postpartum Pop-Up Museum
- 2016 Fulbright Scholar Specialist Award (Global/Public Health – Maternal and Child Health)
  - Outcomes:
    - Developed masters of public health program – maternal and child health focus
    - Developed content and team for women's health smart phone application
    - Developed graduate level neuroscience and community health courses
    - Developed internship for American MPH student
- 2010 California State Assembly Certificate of Recognition-Maternal/Child Health Community Programs
- 2010 California State Senate Certificate of Recognition-University/Community Partnerships
- 2008 California State Assembly Certificate of Recognition-Addressing Disparities in Infant Mortality
- 2004 Outstanding Teacher Award: Dept. of Biokinesiology and Physical Therapy, University of Southern California
- 2004 Outstanding Alumnus Award: Program in Physical Therapy, School of Medicine, Washington University in St. Louis
- 2002 Outstanding Teacher Award – 1<sup>st</sup> Year Curriculum: Keck School of Medicine, University of Southern California
- 1998 Margaret L. Moore Award for Outstanding New Faculty Member: American Physical Therapy Association

**ACADEMIC ADMINISTRATION EXPERIENCE AND ACCOMPLISHMENTS**

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| 9/13-6/16 | Dean, College of Health and Human Services, Indiana State University |
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- *Leadership*: Served as strategic leader for a health-related college with 3,300 students, 140 faculty/staff and 7 departments, and 3 other entities including a clinic, Area Health Education Center, and a conference center. Set program and policy goals, strategic plan, and vision; liaison with Board, student, and community leaders
  - *Fundraising/Fund Development*: Developed college's first communications and fundraising strategy, raising nearly \$1.1 million in new money, over three years

- Developed and led college's first fundraising/advancement board
  - Increased number of donors by 13%, recruiting 49 new donors, increased cash giving by 17%
  - Created college's first view book for marketing and fund raising efforts
  - Developed university narrative for new college building, resulting in \$64 million from state legislature
- *Finance*: Served as Chief Financial Officer for the college, overseeing \$8.8 million budget, and ensuring alignment of 10 different school and departmental budgets with mission and strategic plan; successfully advocated for first increase in base budget in ten years; transitioned clinic service to self-supporting entity
  - *Community Outreach and Program Design*: Launched 3 new community-outreach programs with more than 400 student and community participants; spearheaded Arts and Mental Wellness program for 200 children living in poverty; created an integrated health/academics program in a local, 400 student middle school; created community-based maternal-infant attachment program for teen moms; developed smartphone application (MOM 101) to serve women at risk for adverse birth outcomes; raised more than \$150,000 to support implementation these efforts

7/10-8/13                      Program Director, Division of Physical Therapy Education  
 School of Allied Health Professions, College of Medicine  
 University of Nebraska Medical Center (UNMC)

- *Finance/Management*: Oversaw budget of \$1.5 million, 12 faculty, 4 staff, and 300 students
- *Program Founder/Maternal and Child Health Fundraising*: Founded, directed and raised nearly \$280,000 to support *The Connections Project*, a community-academic-government partnership to improve birth outcomes in Nebraska's African American community; established community outreach programs, developed 3 community leaders, created community literacy programs; and collaborated with March of Dimes to expand program
- *Newborn Health Program Design*: Created music therapy program for at least 20 neonatal intensive care unit babies and parents, raised \$20,000 from private philanthropist to support programming
- *Departmental Fundraising*: Organized program's first-ever fundraising strategy, inclusive of alumni engagement and donor development, resulting in \$20,000 for student programming

7/02-6/10                      Founder and Director  
 Center for Premature Infant Health and Development, Keck School of Medicine  
 University of Southern California

- *Program Founder/Infant Health Program Fundraiser*: Founded and directed the Center for Premature Infant Health and Development (CPIHD). Raised \$1 million to support Center activities. Managed interdisciplinary team of faculty, students, community members, industry partners and non-profit leaders, while administering basic science, clinical science, and community-based research projects
  - Facilitated creation of innovative technology to gain understanding of neonatal metabolism in animal models of disease
  - Facilitated creation of sound system for preterm infant incubators, designing one of first-ever developmentally appropriate, audio-based maternal-child bonding programs using recordings of mothers' voices; achieved \$5,000 in in-kind corporate donations and \$6,000 in private donations.
  - Built community-based programming to reduce racial disparities in birth outcomes, engaging 200 new community stakeholders
  - Cultivated donor base of 34 individuals, non-profit and industry partners
  - Developed case statements targeting different funding sectors

- *Policy Advocacy:* Facilitated children's and family healthcare improvements through advocacy while serving on The California Coalition for Premature Infant Health, and The Los Angeles County Board of Supervisors Community Healthcare Planning for South Los Angeles

#### **HIGHER EDUCATION CONSULTANCY**

1/12-6/13	External Research Consultant School of Health Professions, University of Missouri, Columbia
10/11	Strategic Planning Consultant Center for Reducing Health Disparities, UNMC College of Public Health
1/08	Community Engagement Consultant Black Infant Health Alliance, Florida A & M University

#### **NON-PROFIT CONSULTANCY**

5/17-5/18	Fundraising and Capacity Building Consultant The Foundation for African Empowerment Arusha, Tanzania
5/17	Strategic Development Consultant Chances and Services for Youth Terre Haute, IN

#### **ACADEMIC APPOINTMENTS**

##### *Indiana University, Indianapolis*

8/1/17-present	Professor Department of Social and Behavioral Sciences Richard M. Fairbanks School of Public Health
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##### *Indiana State University*

9/13-7/2017	Professor Department of Applied Medicine and Rehabilitation
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##### *University of Nebraska Medical Center*

7/10-8/13	Professor Division of Physical Therapy Education School of Allied Health Professions, College of Medicine
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##### *University of Southern California*

6/02-6/10	Associate Professor Division of Biokinesiology and Physical Therapy, School of Dentistry
01/07-6/10	Associate Professor Dept. of Pediatrics, Keck School of Medicine
10/02-6/10	Associate Professor Department of Cell and Neurobiology, Keck School of Medicine
7/98-6/10	Faculty Craniofacial Biology Graduate Program, School of Dentistry
5/00-6/06	Faculty Neuroscience Graduate Program
7/95-6/02	Assistant Professor Department of Biokinesiology and Physical Therapy

##### *University of California, Los Angeles*

9/94-6/95	Assistant Clinical Professor Department of Psychiatry and Biobehavioral Sciences, School of Medicine
8/92-8/94	Clinical Instructor Department of Psychiatry and Biobehavioral Sciences, School of Medicine

**EXTRAMURAL RESEARCH SUPPORT****Current Funding:**

Agency: Indiana State Department of Health Dates: 3/2017-12/2021  
 Title: The PAWS Project: A Middle School-Based Academic and Health Promotion Initiative  
 Budget: \$140,000 P.I.: Jack Turman, Jr.

Agency: Riley Children's Foundation Dates: 7/1/18-10/31/21  
 Title: Grassroots Maternal and Child Health Leadership to Reduce Indiana Infant Mortality  
 Budget: \$1,230,607 P.I. Jack Turman, Jr.

NOTE: This grant is one of two strategies funded by Riley Children's Foundation to build community-based efforts to reduce Indiana's infant mortality rate. The P.I. of the other strategy is Nancy Swigonski, MD, MPH, MBA. Together we are working to implement these strategies in 12 zip codes at high risk for infant mortality.

**Past Funding:****Federal:**

Agency: NIH Dates: 7/1/06-6/30/10  
 Title: Krox-20 and Bone Mass  
 Budget: \$2,037,500 P.I.: Baruch Frenkel Co I.: Jack Turman, Jr.

Agency: National Institute of Dental Research Dates: 2/15/98-2/14/01  
 Title: Amino Acid Receptors in Neonatal Trigeminal Neurons  
 Budget: \$78,060 P.I.: Jack Turman, Jr.

**State:**

Agency: Learning Communities of Douglas and Sarpy Counties Dates: 8/1/12-7/31/13  
 Title: Connections Project Phase II: Infant Cognitive and Language Stimulation  
 Budget: \$100,000 P.I. Jack Turman, Jr.

Agency: Behavioral Health Education Center, Nebraska Dates: 5/1/13-4/30/14  
 Title: Training Mental Health First Aid Educators for Omaha's Hispanic and African American Communities  
 Budget: \$9,550 P.I. Jack Turman, Jr.

Agency: Nebraska Department of Health and Human Services Dates: 5/1/11-12/31/12  
 Title: The Connections Project: Community-Based Solutions to Improve Birth Outcomes in Nebraska's African American Communities  
 Budget: \$176,944 P.I. Jack Turman, Jr.

Agency: State Council on Developmental Disabilities-Program Development Fund Dates:  
 7/1/93-6/30/94  
 Title: Generalized Fitness Programs for Adults with Developmental Disabilities  
 Budget: \$20,000 P.I.: Jack Turman, Jr.

**Foundation:**

Agency: Nebraska March of Dimes Dates: 10/1/12-6/30/13  
 Title: Connections Project Family Meeting  
 Budget: \$5,400 P.I.: Jack Turman, Jr.

Agency: California March of Dimes Dates: 3/1/08-2/28/09  
 Title: A Two-tiered, Faith-based Education and Support Intervention to Promote Healthy African American Pregnancy  
 Budget: \$25,000 P.I.: Tyan Parker-Dominguez, PhD, MPH, MSW Co-I/Mentor: Jack Turman, Jr.

Agency: Pasadena Community Foundation (Lecture Series Award) Dates: 05/07-02/08  
 Title: Building a Community with Greater Compassion: Research and Outreach to Eliminate the Black Infant Mortality Crisis  
 Budget: \$15,000 P.I.: Wenonah Valentine, MBA Co P.I.: Jack Turman, Jr.

Agency: Health Research Association Dates: 9/1/99-8/31/00  
 Title: Effects of Suckling Deprivation on Trigeminal Motoneurons  
 Budget: \$9,850 P.I. Jack Turman, Jr.

**Private Sector:**

Agency: Anonymous Dates: 6/1/11-5/31/12  
 Title: Impact of a NICU-Based Maternal Voice Intervention on Maternal-Preterm Infant Attachment  
 Budget: \$20,000 Co-P.I.: Kathleen Burke Co P.I.: Jack Turman, Jr.

**UNIVERSITY RESEARCH SUPPORT**

COMPETE Grant, Indiana State University Dates: 1/1/15-12/31/15  
 Title: Play and Learning Strategies (PALS) Intervention for Maternal-Toddler Dyads  
 Budget: \$9,000 P.I.: Jack Turman, Jr.

Undergraduate Research Award Dates: 7/1/06-6/30/07  
 Title: Development of Feeding Behavior in Preterm Infants  
 Budget: \$9,000 P.I.: Jack Turman, Jr.

Provost Special Research Award Dates: 6/1/05-6/31/05  
 Title: Center for Premature Infant Health and Development  
 Budget: \$50,000 P.I.: Jack Turman, Jr.

Academic Career Development Award Dates: 7/1/05-6/31/06  
 Title: Effect of Mental Health Interventions for Mothers of Preterm Infants on Infant Development  
 Budget: \$50,000 P.I. Barbara Bentley, Psy.D, MEd Co P.I./Mentor: Jack Turman, Jr.

James H. Zumberge Faculty Research and Innovation Fund Dates: 7/1/97-6/30/98  
 Title: Neuroanatomical Characterization of Pre- and Postnatal Oral Motoneurons  
 Budget: \$15,000 P.I.: Jack Turman, Jr.

James H. Zumberge Faculty Research - Interdisciplinary Program Dates: 7/1/97-6/30/98  
 Title: Ontogeny of Glutamate Receptors in Embryonic and Neonatal Trigeminal Neurons  
 Budget: \$19,960 P.I.: Jack Turman, Jr.

**PUBLICATIONS and PRESENTATIONS**

**Peer-Reviewed Journal Articles**

1. Marfak, A, Youlyouz-Marfak, I, El Achhab, Y, Saad, E, Nejjari, C, Hilali, A, **Turman, Jr., JE** (in press) Improved RIDIT Statistic Approach Provides More Intuitive and Informative Interpretation of EQ-5D Data. Health and Quality of Life Outcomes
2. Skinner, L, Stiffler, D, Swigonski, N, Casavan, K, Irby, A, **Turman, Jr., JE** (2019) , Grassroots Maternal Child Health Leadership Curriculum. ENGAGE! 1(1):71-84.
3. Harper-Hanigan, K, Ross, G, Sims, T, Trotter, KJ, **Turman, Jr., JE** (2017) Women's perspectives of needs surrounding adverse birth outcomes-a qualitative assessment of the neighborhood impact of adverse birth outcomes. J. Maternal Child Health, DOI: 10.1007/s10995-017-2343-7.
4. Gabet, Y, Baniwal, S, LeClerc, N, SK, Shi, Y, Kohn-Gabet, AE, Cogan, J, Dixon, A, Bachar, M, Guo, L, **Turman, Jr., JE**, Frenkel, B (2010) Krox2-/ERG2 deficiency accelerates cell growth

- and differentiation in the monocytic lineage and decreases bone mass. *Blood*, 11;116(19):3964-71.
5. Dominguez, JF, Guo, LX, Carrasco Molnar, MA, Ballester Escobedo, A, Dunphy, T, Lund, TD, **Turman, Jr., JE** (2009) Novel Indirect Calorimetry Technology to Analyze Metabolism in Individual Neonatal Rodent Pups. *PLoS One*, 4(8):e6790.
  6. Tai, WC, Burke, KA, Dominguez, JF, Gundamraj, L, **Turman, Jr., JE** (2009) Growth Deficits in a Postnatal Day 3 Rat Model of Hypoxic Ischemic Brain Injury. *Behav Brain Res.* 202:40-49.
  7. **Turman, Jr., JE** (2007) The development of mastication: From neurons to behavior. *Arch Oral Biol.* 52:313-316.
  8. Ishihama, K, **Turman, Jr., JE** (2006) NR3 protein expression in trigeminal neurons during postnatal development. *Brain Res.* 1095:12-16.
  9. Ishihama, K, Kogo M, Wakisaka S, **Turman, Jr., J.E.** (2005) Prenatal development of NMDA receptor composition and function in trigeminal neurons. *Arch Histol Cytol.* 68(4):321-335.
  10. De S, **Turman, Jr., J.E.** (2005) *Krox-20* Expression: Influencing Hindbrain-Craniofacial Developmental Interactions. *Arch Histol Cytol.* 68(4):227-234.
  11. De, S, Nguyen AQ, Shuler, CF, **Turman, Jr., JE** (2005) Mesencephalic Trigeminal Nucleus Development is Dependent on *KROX-20* Expression. *Dev Neurosci.* 27(1):49-58.
  12. Honma S, De S, Li D, Shuler CF, **Turman, Jr. JE** (2004) Developmental Regulation of Connexins 26, 32, 36, and 43 in Trigeminal Neurons. *Synapse* 52:258-271.
  13. De, S., Shuler, C.F., **Turman, Jr., J.E.** (2003) The ontogeny of *Krox-20* expression in brainstem and cerebellar neurons. *J. Chem. Neuroanat.* 25: 213-226.
  14. Tanaka, S, Wu, N., Hsiao-C-F., **Turman, Jr., J.**, Chandler, S.H. (2003) Development of inward rectification and control of membrane excitability in mesencephalic V neurons. *J. Neurophysiol.* 89:1288-1298.
  15. **Turman, Jr., J.E.**, Lee, O.K., Chandler, S.H. (2002) Differential expression of NR2A and NR2B between trigeminal neurons during early postnatal development. *Synapse* 44:76-85.
  16. **Turman, Jr., J.E.**, Rich, R.A., Chandler, S.H. (2001) GABA<sub>A</sub> receptor b2/b3 subunit and GAD67 immunoreactivity in the trigeminal motor nucleus during early postnatal development. *Dev. Brain Res.* 130:155-158.
  17. **Turman, Jr., J.E.**, Chopiuk, N.B., Shuler, C.F. (2001) The *Krox-20* null mutation differentially affects the development of masticatory muscles. *Dev. Neurosci.* 23:113-121.
  18. **Turman, Jr., J.E.**, Hiyama, L., Castillo, M., Chandler, S.H. (2000) Expression of group I and II metabotropic glutamate receptors in trigeminal neurons during postnatal development. *Dev. Neurosci.* 23:41-54.
  19. **Turman, Jr., J.E.**, MacDonald, A.S., Pawl, K.E.W., Bringas, P., Chandler, S.H. (2000) AMPA receptor subunit expression in trigeminal neurons during postnatal development. *J. Comp. Neurol* 427:109-123.
  20. **Turman, Jr., J.E.**, Ajdari, J., Chandler, S.H. (1999) NMDA receptor NR1 and NR2A/B subunit expression in trigeminal neurons during early postnatal development. *J. Comp. Neurol.* 409:237-249.
  21. Betz, C.B., Raynor, O., **Turman, Jr., J.E.** (1998) Use of an interdisciplinary team for clinical instruction. *Nurse Educ.* 23(1):32-37.
  22. Betz, C.B., **Turman, Jr., J.E.** (1997) A process of developing terminal competencies for an interdisciplinary training program. *J. Allied Health* 26(3):113-118.
  23. **Turman, Jr., J.E.**, Chandler, S.H. (1994) Immunohistochemical evidence for GABA and glycine-containing trigeminal premotoneurons in the guinea pig. *Synapse* 18:7-20.
  24. **Turman, Jr., J.E.**, Chandler, S.H. (1994) Immunohistochemical localization of glutamate and glutaminase in guinea pig trigeminal premotoneurons. *Brain Res.* 634:49-61.
  25. Chandler, S.H., **Turman, Jr., J.E.**, Salem, L., Goldberg, L.J. (1990) The effects of nanoliter ejections of lidocaine into the pontomedullary reticular formation on cortically induced rhythmical jaw movements in the guinea pig. *Brain Res.* 526:54-64.

### Abstracts and Scientific Meeting Presentations

1. Turman, Jr., JE, Amahdar, L, Toure, D, Kacius, C, Staten, L, Midden, K, Hilali, A (2019) Collaborative process to start Morocco's first MPH program. APHA Conference, Philadelphia, PA.
2. Amahdar, L, Houradi, H, Achaak, D, Naam, S, Changuiti, O, Kouiti, M, Boutib, A., Al Alaoui, M, Alhal, M, Guerroumi, M, Aguil, A, Gantare, A, Youlyouz-Marfak, I, Hilal, M, Chebabe, M, El Kabbaj, R, Chahbourne, M, Saad, E, Hilali, A, Turman, Jr., JE (2019) Building a smartphone application to improve Moroccan birth outcomes. APHA Conference, Philadelphia, PA.
3. Van Slyke, K, Turman, Jr., JE (2019) Binta's Group: Empowering Midwives in Labe, Guinea, Midwest Medical Humanities Conference, Indianapolis, IN
4. Skinner, L, Stiffler, D, Swigonski, N, Casavan, K, Turman, Jr., JE (2018) Developing grassroots maternal and child health leaders. Indianapolis Neighborhood Resources Conference, Indianapolis, IN.
5. Amahdar, L, Doha, A, Hiba, H, Naam, S, Changuiti, O, Kouti, M, Boutib, A, Al Alaoui, M, Alhal, M, Freeland, R, Youlyouz-Marfak, I, Gantare, A, Hilal, M, Saad, E, Hilali, A, Turman, Jr, JE (2018) Building a Smartphone Application to Improve Moroccan Maternal and Infant Health Outcomes, FINE Conference, Malta.
6. Harper-Hanigan, K, Burke, K, Ross, G, Sims, T, Trotter, KJ, Turman, Jr., JE (2016) A Pregnancy Peer Support Program to Address Issues Related to Racial Disparities in Adverse Birth Outcomes in African American Women. Urban and Regional Information Systems Association and American Public Health Association – GIS and Health Symposium, Washington DC.
7. Harper-Hanigan, K, Burke, K, Ross, G, Sims, T, Trotter, KJ, Turman, Jr., JE (2016) Women's Perspectives of Needs Surrounding Adverse Birth Outcomes-A Qualitative Assessment of the Neighborhood Impact of Adverse Birth Outcomes. National Association of Community Health Centers Annual Conference. Chicago, IL
8. Harper-Hanigan, Turman, Jr., JE (2013) Implementing a Pregnancy Peer Support Program to Improve Birth Outcomes in the African American Community. Columbia University's 5<sup>th</sup> Annual Health Disparities Conference. New York, New York
9. Harper-Hanigan, K, Ross, G, Sims, T, Trotter, KJ, Jackson, S, Turman, Jr., JE (2012) The Connections Project: A Community-based strategy to improve birth outcomes in Omaha's African American community. NIH Summit on the Science for Eliminating Health Disparities. Washington, DC.
10. Harper-Hanigan, K, Ross, G, Sims, T, Trotter, KJ, Jackson, S, Turman, Jr., JE (2012) Implementing a model of community engagement to improve birth outcomes in Omaha's African American Community. NIH CTSA 5<sup>th</sup> Annual Meeting on the Science of Community Engagement. Bethesda, MD
11. Woodward, S, Sardesai, S, Turman, Jr., J.E. (2010) Musical environments impacting premature infant outcomes. International Society for Music Education, Beijing, China.
12. Lwin, C., Burke, K. A., Miller, C., Turman, Jr., J.E. (2009) Hypoxia/ischemia induced reactive gliosis and atrophy in the rostral frontal cortex of postnatal rats. American Association of Neuropathologists Annual Meeting, San Antonio, TX. *J Neuropathol Exp Neurol* 68(5): 555.
13. Burke, K. A., Agy, C., Tetzl, D., Turman, Jr., J.E. (2008) Neonatal hypoxic ischemic injury combined with maternal deprivation alters rat growth and neurodevelopment. International Society of Developmental Psychobiology, Washington, DC, *Develop Psychobiol*: 50. 723.
14. Dominguez, J. F., Carrasco Molnar, M.A., Dunphy, T., Turman, Jr., J.E. (2008) Neonatal hypoxic ischemic brain injury impacts early postnatal growth and metabolism in rats. International Society of Developmental Psychobiology, Washington, DC, *Develop Psychobiol*: 50.726.
15. Burke, K. A., Agy, C., Tetzl, D., Turman, Jr., J.E. (2008) Neonatal hypoxic ischemic injury combined with maternal deprivation alters rat growth and neurodevelopment. Society for Neuroscience, Washington, DC, *Soc. Neurosci, Abst.* 34.

16. Dominguez, J. F., Carrasco Molnar, M.A., Dunphy, T., Turman, Jr., J.E. (2008) Neonatal hypoxic ischemic brain injury impacts early postnatal growth and metabolism in rats. Society for Neuroscience, Washington, DC, Soc. Neurosci, Abst. 34.
17. Gundamraj, L, Tai, W.C., Turman, Jr., J.E. (2008) Differential Neuroanatomical, Growth and Cognitive Outcomes Following Neonatal Stress or Brain Injury in Rats. Society for Pediatrics Research. Honolulu, Hawaii.
18. Gundamraj, L, Tai, W.C., Turman, Jr., J.E. (2008) Differential Growth and Cognitive Outcomes Following Neonatal Stress or Brain Injury in Rats. Western Perinatal Research Society. Palm Springs, CA.
19. Tai, W.C., Burke, K.A., Harrold, A., Turman, Jr., J.E. (2006) Impact of postnatal day 3 hypoxic-ischemic brain injury on rat feeding behaviors. Society for Neuroscience, 2006, Atlanta, GA, Soc. Neurosci, Abst. 32.
20. Burke, K.A., McCaughan, M. Abel, R., Almlie, C.R., Turman, Jr., J.E. (2006) Neonatal hypoxic-ischemic brain injury alters rat prefrontal cortex bilaterally. Society for Neuroscience, 2006, Atlanta, GA, Soc. Neurosci, Abst. 32.
21. Tai, W.C., Burke, K.A., Harrold, A., Turman, Jr., J.E. (2006) Impact of postnatal day 3 hypoxic-ischemic brain injury on rat feeding behaviors. International Society of Developmental Psychobiology, Atlanta, GA Develop Psychobiol: 48. 627.
22. Burke, K.A., McCaughan, M. Abel, R., Almlie, C.R., Turman, Jr., J.E. (2006) Ipsilateral neonatal hypoxic-ischemic brain injury alters development of the contralateral prefrontal cortex. International Society of Developmental Psychobiology, Atlanta, GA Develop Psychobiol 48: 607.
23. Turman, Jr., J.E., Burke, K.A., Harrold, A., Abel, R., Almlie, C.R. (2005) Feeding development in rats following a neonatal hypoxic-ischemic brain injury. Society for Neuroscience, November 2005, Washington D.C., Soc. Neurosci. Abst. 31.
24. Turman, Jr., J.E., Burke, K.A., Harrold, A., Abel, R., Almlie, C.R. (2005) Feeding-related behavioral deficits in developing rats following neonatal hypoxic-ischemic brain injury. International Society of Developmental Psychobiology, Washington, D.C. Develop Psychobiol 47: 451.
25. Bentley, B.L., Carter, A.M., Kim, C.S., Anderson, A.M., Harris, A.B., Turman, Jr., J.E. (2005) Impact of Gestational Age on Feeding Development. American Psychological Association, August 2005, Washington, D.C.
26. Ishihama, K, Turman, Jr., J.E. (2004) Prenatal Development of NMDA Receptor Subunits in Rat Trigeminal Neurons. Society for Neuroscience, October 2004, San Diego, CA. Soc. Neurosci. Abst. 30.
27. De, S, Shuler, C.F., Turman, Jr., J.E. (2004) The Role of Krox-20 in Masticatory Muscle Development. Presented at the International Association of Dental Research, March 2004, Honolulu, HI. J Dent Res 83(A).
28. Honma, S., Koirala, S., Ko, C.P., Shuler, C.F., Turman, Jr., J.E. (2003) Neuromuscular Junction Development in Masticatory Muscles in Krox-20 Null Mutant Mice. Society for Neuroscience, November 2003, New Orleans, LA, Soc. Neurosci. Abst. 29.
29. De, S., Shuler, C.F., Turman, Jr., J.E. (2003) Craniofacial Muscle Fate in Krox-20 Null Mutants is Influenced by Differential Krox-20 Expression and TUNEL Staining Patterns. Society for Neuroscience, November 2003, New Orleans, LA, Soc. Neurosci. Abst. 29.
30. Honma, S., De, S., Li, D., Shuler, C.F., Turman, Jr., J.E. (2003) Differential Developmental Expression of Connexin 26 and Connexin 36 in Trigeminal Motor and Mesencephalic Trigeminal Nuclei. Presented at the American Association of Dental Research, March 2003, San Antonio, TX.
31. De, S., Shuler, C.F., Turman, Jr., J.E. (2002) The Ontogeny of Krox-20 Expression in the Brainstem. Presented at the Society for Neuroscience, November 2002, Orlando, FL, Soc. Neurosci. Abstr. 28.

32. Turman, Jr., J.E., Chandler, S.H. (2002) Molecular and Physiological Changes in Trigeminal Neurons Precede the Onset of Chewing in Rats. Presented at the Society for the Study of Ingestive Behaviors, July 2002, Santa Cruz, CA, *Appetite* 39:103.
33. Chopiuk NB, Turman, Jr., JE, Ko, C-P, Shuler, CF (2002) Characterization of neuromuscular junctions in jaw-opener muscles in murine Krox-20 mutants. Presented at the International Association for Dental Research Meeting, March 2002, San Diego, CA. *J Dent Res* 81(special issue A): A-214.
34. Bahari N., Shuler, C.F., Turman, Jr., J.E. (2001) The Development of Neuromuscular Junctions in Masticatory Muscles of Krox-20 Null Mutants. Presented at the American Society for Cell Biology, December 2001, Washington, D.C. *Supplement to Molecular Biology of the Cell* 12: 375a.
35. Turman, Jr., J.E., De, S., Nguyen, A.Q., Shuler, C.F. (2001) The Krox-20 Null Mutation Impacts the Development of Mesencephalic Trigeminal Neurons. Presented at the Society for Neuroscience, November 2001, San Diego, CA, *Soc. Neurosci. Abstr.* 27.
36. Turman, Jr., J.E., Chopiuk, N.B., Shuler, C.F. (2000) Craniofacial Neuromuscular Alterations Affecting Suckling in Krox-20 Knockout Mice. Presented at the Society for Neuroscience, November 2000, New Orleans, LA, *Soc. Neurosci. Abstr.* 26: 434.
37. Turman, Jr., J.E., Chopiuk, N.B., Shuler, C.F. (2000) Neuromuscular Alterations Affecting Suckling in Krox-20 Knockout Mice. Presented at the Society for the Study of Ingestive Behavior Annual Meeting 2000, Dublin, Ireland.
38. Rich, R.A., Turman, Jr., J.E., Chandler, S.H. (1998) Expression of GABA<sub>A</sub> Receptor Subunits and GAD in Neonatal Trigeminal Motor and Mesencephalic Neurons. Presented at the Society for Neuroscience, November 1998, Los Angeles, CA, *Soc. Neurosci. Abstr.* 24: 301.
39. Turman, Jr., J.E., MacDonald, A.S., Pawl, K.E.W., Bringas, P., Chandler, S.H. (1998) Expression of AMPA Receptors in Neonatal Trigeminal Neurons. Presented at the Society for Neuroscience, November 1998, Los Angeles, CA, *Soc. Neurosci. Abstr.* 24: 301.
40. Turman, Jr., J.E., Castillo, M.Z., Hiyama, L.S., Chandler, S.H. (1997) Expression of Metabotropic Glutamate Receptors in Neonatal Trigeminal Neurons. Presented at the Society for Neuroscience, November 1997, New Orleans, LA, *Soc. Neurosci. Abstr.* 23: 638.
41. Turman, Jr., J.E., Chandler, S.H. (1997) NMDA and Metabotropic Glutamate Receptor Subunit Expression in Neonatal Trigeminal Neurons. Presented at the Society for the Study of Ingestive Behavior Annual Meeting 1997, Baltimore, MD, USA.
42. Turman, Jr., J.E., Ajdari, J., Cole, B., Chandler, S.H. (1996) NMDA Receptor 2A/B Subunit Expression in Trigeminal Motoneurons, Interneurons and Mesencephalic Trigeminal Neurons During Early Postnatal Development. Presented at the Society for Neuroscience, November 1996, Washington, D.C., *Soc. Neurosci. Abstr.* 22: 1228.
43. King, B.H., Turman, Jr., J.E., Cromwell, H.C., Davanzo, P.A., Poland, R.E. (1994) Pharmacological and Neuroanatomic Substrates of Pemoline-Mediated Self-Injurious Behavior in Prepubertal Rats. *International Journal of Developmental Neuroscience*, 12 (Suppl. 1): 58.
44. Turman, Jr., J.E., King, B.H., Cromwell, H.C., Davanzo, P.A., Witte, E., Levine, M.S. (1994) Unilateral Neostriatal Lesions Inhibit Pemoline-Induced Self-Biting Behavior in Pre-Pubertal Rats. Presented at the Society for Neuroscience, November 1994, Miami Beach, FL, *Soc. Neurosci. Abstr.* 20: 820.
45. Turman, Jr., J.E., Chandler, S.H., Fisher, R.S. (1991) The Identification of Glycinergic Trigeminal Premotoneurons. Presented at the Society for Neuroscience, November 1991, New Orleans, LA, *Soc. Neurosci. Abstr.* 17: 1023.
46. Turman, Jr., J. E., Chandler, S.H., Fisher, R.S. (1990) The Identification of GABAergic Trigeminal Premotoneurons. Presented at the Society for Neuroscience, November 1990, St. Louis, MO, *Soc. Neurosci. Abstr.* 16: 727.
47. Phillips, D. M., Turman, Jr., J. E., Woo, M.C., Trank, T.V., Goldberg, L.J., Chandler, S.H. (1990) Anatomical Evidence For Axon Collaterals of Brainstem Neurons Projecting Bilaterally to Areas in and Around the Trigeminal Motor Nucleus in Guinea Pigs. Presented at the Society for Neuroscience, November 1990, St. Louis, MO, *Soc. Neurosci. Abstr.* 16: 729.

48. Turman, Jr., J.E., Chandler, S.H., Fisher, R.S. (1989) Location of Trigeminal Premotoneurons and Their Relationship to Glutamatergic Cells in the Guinea Pig Brainstem. Presented at the Society for Neuroscience, November 1989, Phoenix, AR, Soc. Neurosci. Abstr. 15: 1046.
49. Rose, S.J., Boyajian, D., Turman, Jr., J.E., Norton, B. J. (1984) EMG Analysis of Forward Bending in Patients with Low Back Syndrome. Presented at the American Physical Therapy Association Annual Meeting, June 1984, Las Vegas, NV, Physical Therapy Abstr. 64 (5): 717.

### **Invited Presentations**

#### **International**

1. National Health Sciences Research Congress, Title: Optimizing Maternal-Infant Attachment, Settat, Morocco, December 2016
2. American and Moroccan Agricultural Sciences Conference, Co-Chair for Health and Nutrition Symposium, Title: Nutrition and Early Brain Development, Ourzazate, Morocco, December 2016
3. Moroccan Congress on Neonatal Medicine, Title: Using Smartphone Technology to Promote Improved Birth and Infant Development Outcomes, Marrakech, Morocco, May 2016
4. International Congress on Education and Research Strategies to Reduce Moroccan Maternal and Infant Mortality, Title: A Framework to Reduce Infant and Maternal Mortality, Marrakech, Morocco, June 2014
5. International Congress of Latin American and Caribbean Pediatrics, Title: Nutritional Strategies to Improve Outcomes in Preterm Infants: Protein and Energy Nutrition During The In-Hospital and Post Discharge Growth Periods, Cancun, Mexico, 2009
6. Beijing Childrens Hospital, Pediatric Endocrinology Annual Conference, Title: Growth of Preterm Infants: Metabolic and Hormonal Considerations, Beijing, China, 2009
7. International Symposium on Mastication, Title: The Development of Mastication: From Neurons to Behavior, Brisbane, Australia, 2006
8. 16<sup>th</sup> International Congress of the International Federation of Association of Anatomists, Title: Masticatory Neuromuscular Pathology in Krox-20 Null Mutants, Kyoto, Japan, August 2004
9. 16<sup>th</sup> International Congress of the International Federation of Association of Anatomists, Title: Developmental Regulation of Connexins in Trigeminal Neurons, Kyoto, Japan, August 2004
10. International Association of Dental Research, Symposium Organizer and Lecturer, Title: Neural Control of Mastication, Honolulu, Hawaii, 2004
11. Symposium on the Neurobiology of Mastication, Title: Expression of Glutamate Receptors in Trigeminal Neurons during Postnatal Development, Tokyo, Japan, 1998

#### **National**

1. Impact of Poverty and the Environment on Fetal Neurodevelopment, Project Blossom, Office of Minority Health, Nashville, TN 2011
2. Soul Food for Your Baby Advisory Board Meeting, Title: History of Racial Disparities in Poor Birth Outcomes – Time for Community Action, National Webinar, October, 2010
3. 35<sup>th</sup> Annual Newborn Day Conference, Current Issues in Neonatology, Title: The Hidden Consequences of Protein Undernutrition on Brain and Behavior Development, Charleston, W. Va., May 2008
4. Pediatrix NEO Conference, Title: The Hidden Consequences of Protein Undernutrition on Brain and Behavior Development, Orlando, FL February 2008
5. Florida A & M University Black Infant Health Alliance, Title: The History of Racial Disparities in Adverse Birth Outcomes: Time for Community Action, Title: Creating an Academic Center to Address Societal Problems, Tallahassee, FL January 2008
6. Frontiers in Pediatric Hospitalist Medicine, Title: Exploring Causes of and Intervention Strategies for Failure to Thrive, San Francisco, CA October 2007
7. American Academy of Pediatrics & Society for Developmental and Behavioral Pediatrics, Review of Developmental and Behavioral Pediatrics, Title: Pediatric Feeding Disorders, Newport Beach, CA, 2006

8. Keynote Address for Maternal and Child Health National Workshop: Beyond Assessment: The Team Approach to Nutrition and Feeding Interventions for Children with Special Needs, Title: The Development of Feeding Behaviors: Neurobiology Perspective, Los Angeles, CA, May 2004
9. Sixth Annual National Conference on Abuse of Persons with Disabilities, Title: Professional Training Programs on Abuse and Disabilities: Assessment/Treatment, Burbank, CA, June 1993

### **State/Local**

1. HERSTORY: Grassroots Maternal and Child Health Action, 2019 Labor of Love Summit, Indianapolis, IN
2. The Social Determinants of MCH, Indiana State Department of Health, Indianapolis, IN, July 2019.
3. A Moroccan University's Approach to Improve its Nation's Maternal and Child Health, IUPUI World Languages and Culture 2019 International Lecture Series, Indianapolis, IN, February 2019
4. The Relationship between Society, Early Brain Development and Learning, United Way of the Wabash Valley Early Childhood Education Summit, Terre Haute, IN, May 2018
5. Reducing Indiana Infant Mortality, Indiana Rural Health Association, 15<sup>th</sup> Annual Indiana Public Policy Forum, Indianapolis, IN January 2018
6. Wabash Valley Healthy Moms and Babies Initiative, Indiana Infant Mortality Summit, November 2014
7. The Connections Project: Making a Community-University Team, UNMC Center for Reducing Health Disparities, National Women's Health Week Program, Omaha, NE May 2012
8. The Magnificent Developing Brain: A Product of Genes and Environment Interacting, Nebraska March of Dimes Prematurity Summit, Omaha, NE November 2011
9. Pomona Unified School District, Title: Development of Feeding Behaviors, Considerations for the Preterm Infant, Pomona, CA, November 2008
10. Pomona Unified School District, Title: Arriving Early: The Problem of Preterm Birth in the USA, Pomona, CA, May 2008
11. Pasadena Birthing Project, Title: The History of Racial Disparities in Adverse Birth Outcomes: Time for Community Action, Pasadena, CA October 2007
12. Los Angeles County Department of Education, Title: Arriving Early: The Problem of Preterm Delivery in the USA, Los Angeles, CA June 2007
13. California Coalition for Premature Infant Health, Title: Research Strategies to Help Preterm Infants and Their Families, Sacramento, CA March 2007
14. Grand Rounds, Dept. of Pediatrics, Keck School of Medicine, University of Southern California, Title: Developmental Outcomes Following Neonatal Hypoxic-Ischemic Brain Injury in Rodents: Differential Effects Depend on Timing of Injury, Los Angeles, CA, December 2006
15. Kern Medical Center, Title: Neurobiological Considerations for the Development of Feeding for the Preterm Infant. Bakersfield, CA, 2006
16. Grand Rounds, Dept. of Pediatrics, Keck School of Medicine, University of Southern California, Title: Development of Feeding Behavior from a Neurological Perspective, Los Angeles, CA August 2004
17. Organizer and Chairperson for: Symposium on the Genetic and Developmental Considerations of Individuals with Prader-Willi Syndrome, Lecture title: Health and Fitness issues in Adults with Prader-Willi Syndrome. Los Angeles, CA, September 1995

### **Book Chapters**

1. **Turman, Jr., J.E.**, Van Vranken T. (2002) Testing of Infants, Toddlers, and Preschool Children, in *Daniels and Worthingham's Muscle Testing, 7<sup>th</sup> Edition*, Eds. Helen J. Hislop and Jacqueline Montgomery, W.B. Saunders Company.

2. **Turman, Jr., J.E.**, Chandler, S.H. (1999) Expression of Glutamate Receptors in Trigeminal Neurons During Postnatal Development, in *Symposium on the Neurobiology of Mastication*, Ed. Yoshio Nakamura, Elsevier Press, Inc., pg. 93-98.
3. Salem, G., **Turman, Jr., J.E.** (1997) Exercise and the Neuromuscular System, in *Clinical Exercise Testing and Prescription*, Ed. Scott O. Roberts, CRC Press, Inc., pg. 47-70.

### TEACHING APPOINTMENTS

8/17-present	Indiana University, Dept. of Social and Behavioral Sciences PBHL-S630-Global MCH (Course Coordinator and Instructor) PBHL-P510-Introduction to Public Health (Course Coordinator and Instructor) PBHL-S614-Program Planning in Public Health Education (Co-Instructor) PBHL-S500-Social and Behavioral Sciences in Public Health (Co-Instructor) PBHL-S460/635-Biosocial Approach to Global Health (Course Originator and Instructor) PHHL-S617-Health Promotion and Disease Prevention (Co-Instructor)
11/16-present	Instructor Institute for Health Sciences, Masters of Public Health Program Hassan 1 <sup>st</sup> University Fundamentals of Public Health Maternal and Child Health 1 and 2
1/17-5/17	Instructor Indiana State University College of Health and Human Services PE 390-Practicum Seminar ATTR 210L-Human Anatomy for Allied Health Professions Laboratory OCH 751-Management and Leadership OCH 798-Research Project
7/10-8/13	Instructor UNMC Division of Physical Therapy Education PHYT 522-Psychosocial Aspects of Healthcare PHYT 630-Prevention and Wellness PHYT 640-Critical Inquiry
1/13-8/13	Instructor UNMC Graduate Program in Applied Behavioral Analysis ABA 902-Infant Development
9/95-6/10	Course Director and Instructor [Course Originator] USC Dept. of Biokinesiology and Physical Therapy Physical Therapy 516-Principles of Disease
9/95-6/10	Course Director and Instructor [Course Originator] USC Dept. of Biokinesiology and Physical Therapy Physical Therapy 534L-Neuroanatomy
8/04-6/06	Instructor USC Dept. of Biokinesiology and Physical Therapy Physical Therapy 660-Advanced Clerkship with Academic Integration
9/97-6/03	Instructor [Course Co- Originator] USC Dept. of Biokinesiology and Physical Therapy Physical Therapy 627-Management of the Pediatric Patient
9/97-9/00	Instructor [Course Originator] USC Dept. of Biokinesiology and Physical Therapy Biokinesiology 610-Movement: From Molecules to Behavior
3/01-8/04	Instructor USC Keck School of Medicine Cell and Neurobiology 521-Neuroanatomy
2/02, 2/03	Instructor

2/02	USC Graduate Program in Neuroscience Biological Sciences 525-Advanced Neurosciences II Instructor
9/98-9/99	USC Craniofacial Biology Graduate Program Craniofacial Biology 587-Cell and Molecular Biology of Craniofacial Tissues Course Creator
4/92-8/95	USC School of Social Work Social Work 400-Children and Families in Urban America Capstone Course Course Director and Instructor [Course Co-Originator]
4/92-8/95	UCLA Department of Physiological Science Physiological Science 17C-Human Neuroanatomy Course Director and Instructor [Course Originator]
9/93-6/95	UCLA Department of Physiological Science Physiological Science 197W-Neurotransmitters and Behavior Instructor
8/92-12/93	UCLA School of Medicine Department of Psychiatry and Biobehavioral Sciences Psychiatry 243A and B-Mental Retardation and Chronic Medical Illness Interdisciplinary Core Curriculum Course Director and Instructor
10/93	Mt. St. Mary's College Program in Physical Therapy Physical Therapy 210A-Pathology and Medical Science I Physical Therapy 202-Human Life Sequences Physical Therapy 221-Neuroscience Instructor
	UCLA Department of Neuroscience Neuroscience 101A-From Molecules to Mind
<b>Guest Lecturer</b>	
3/06	USC Dept. of Biological Sciences Biological Sciences 462-Brain Control of Emotions "The Neurobiology of Mastication"
1/05	USC Keck School of Medicine Dept. of Pediatrics, Division of General Pediatrics Center for Excellence in Developmental Disabilities "Developing Animal Models of Cerebral Palsy"
9/05, 9/06	USC Keck School of Medicine Dept. of Pediatrics, Division of General Pediatrics Center for Excellence in Developmental Disabilities "Brain Development and its Relationship to Developmental Disorders"
10/05	USC Keck School of Medicine Dept. of Pediatrics, Division of General Pediatrics Center for Excellence in Developmental Disabilities "Overview of Cerebral Palsy"
10/05	USC Keck School of Medicine Dept. of Pediatrics, Division of Neonatal Medicine "Impact of Neonatal Hypoxic Ischemic Injury on Feeding Development in Rats"
3/04	USC Keck School of Medicine Dept. of Pediatrics, Neonatology Division "Neurobiology of Mastication, Developmental Perspectives"
5/03-5/08 (annually)	UCLA Dental School "Neurobiology of Mastication and Swallowing"
4/91-2/00 (annually)	UCLA Dental School-Division of Oral Biology "Neuroanatomical Research Techniques"
11/94	UCLA School of Medicine Dept. of Pediatrics

- 1/94, 2/95 "Physical Therapy Considerations for Home Visits"  
UCLA Dept. of Physiological Science-Physiological Science 195  
Undergraduate Honors Research Seminar
- 9/93 "Care and Use of Animals and Humans in Physiological Research"  
USC Dept. of Biokinesiology and Physical Therapy  
"Evaluation of Gross Motor Skills and Fitness Capacity of Adults with  
Developmental Disabilities"

**FACULTY MENTOR**

- 03/07-6/10 Jennifer Holtzman, DDS, MPH  
Assistant Professor, School of Dentistry, USC
- 03/07-6/10 Sheila Woodward, PhD  
Assistant Professor, Thornton School of Music, USC
- 06/06-6/10 Jesus Dominguez, PhD, PT  
Assistant Professor of Clinical Physical Therapy, School of Dentistry, USC
- 03/06-6/10 Marian Williams, PhD  
Assistant Clinical Professor of Pediatrics, School of Medicine, USC
- 1/05-6/10 Tyan Parker Dominguez, PhD, MPH, MSW  
Assistant Professor, School of Social Work, USC
- 07/03-1/06 Barbara Bentley, PsyD  
Assistant Clinical Professor of Pediatrics, School of Medicine, USC

**ADVISOR-POSTDOCTORAL FELLOWS/RESEARCH ASSOCIATES**

- 7/11-8/13 Kellee Harper-Hanigan, DPT
- 6/05-8/13 Kathleen Burke, Ph.D.
- 8/06-7/07 Lixin Guo, MD, Ph.D.
- 10/03-5/05 Kohji Ishihama, Ph.D., D.D.S
- 10/04-12/05 Alena Carter, Ph.D.
- 6/02-10/03 Shiho Honma, Ph.D., DDS

**PRIMARY ADVISOR-PH.D. STUDENTS**

- 8/98-5/04 Shampa De  
Craniofacial Biology Graduate Program, USC School of Dentistry  
Dissertation and Guidance Committee Chair
- 10/99-7/02 Nasrin Bahari  
Craniofacial Biology Graduate Program, USC School of Dentistry  
Dissertation and Guidance Committee Co-Chair

**PRIMARY ADVISOR-M.S. STUDENTS**

- 8/11-8/13 Xin Zhang  
Medical Sciences Interdepartmental Program/Physical Therapy Education  
UNMC
- 6/05-12/08 Wei-Cheng (Vince) Tai  
Craniofacial Biology Graduate Program, USC School of Dentistry
- 10/05-6/08 Laura Thoreson  
Clinical Psychology Training Program, Fuller Theological Seminary
- 10/05-6/08 Lauren Lopez  
Clinical Psychology Training Program, Fuller Theological Seminary

**SERVICE ON GRADUATE STUDENT COMMITTEES**

- 5/17-present Emily Beerbrower  
Dept. of Social Work  
IUPUI

5/17-present	Elinor Hansotte Dept. of Health Policy and Management IUPUI
10/17-present	Nicole Johnson Dept. of Health Communications IUPUI
1/06-5/09	Paul Roybal Biochemistry and Molecular Biology, USC Keck School of Medicine Ph.D. Guidance and Dissertation Committee Member
1/06-6/08	Tommy Noh Biochemistry and Molecular Biology, USC Keck School of Medicine Ph.D. Guidance and Dissertation Committee Member
11/99-12/02	I Ching USC Dept. of Occupational Therapy and Occupational Science Ph.D. Guidance and Dissertation Committee Member
11/99-7/01	Lara Boyd USC Dept. of Biokinesiology and Physical Therapy Ph.D. Guidance and Dissertation Committee Member

#### **MPH STUDENT INTERNSHIP SUPERVISOR**

Fall 2018	Kelsey Harrison Karlee Seider IU Fairbanks School of Public Health, Indianapolis
Summer 2017	Ryan Freeland University of Michigan School of Public Health
Fall 2017	Ashley Phillips IU School of Public Health, Bloomington

#### **RESEARCH ADVISOR-NEONATOLOGY FELLOWS**

Dept. of Pediatrics-Division of Neonatal Medicine, USC Keck School of Medicine

12/05-8/08	Lalitha Gundamraj, M.D.
12/05-9/07	Durga Panda, M.D.

#### **RESEARCH ADVISOR-MEDICAL STUDENTS**

Summer 2012	Bryan Spells, Second Year Medical Student UNMC School of Medicine
6/03-6/04	Suparna Saha, Second Year Medical Student USC Keck School of Medicine
Summer 1999	Lauren Hiyama, Second Year Medical Student USC Keck School of Medicine
Summer 2000	Nasim Yazdani, Second Year Medical Student University of Iowa Medical School

#### **RESEARCH ADVISOR-UNDERGRADUATE STUDENTS**

8/18-present	Cam Cook, IU Fairbanks School of Public Health
8/17-present	Karly Van Slyke, IU Fairbanks School of Public Health
8/17-present	Ashley Jimenez, IU College of Liberal Arts
4/14-5/15	Emily Gillette: ISU College of Arts and Sciences
4/14-5/15	Amanda Coffman: ISU College of Technology
9/95-7/96	Jurak Ajdari: UCLA Dept. of Physiological Science
9/95-7/96	Brandy Cole: UCLA Dept. of Physiological Science
9/96-7/97	Lauren Hiyama: UCLA Dept. of Physiological Science
9/97-7/98	Rachel Rich: UCLA Dept. of Physiological Science

9/98-7/99	Mimi Yun: UCLA Dept. of Physiological Science
4/00-6/02	Ophelia Lee: UCLA Dept. of Physiological Science
3/04-5/06	Alexandria Harrold: USC Dept. of Biochemistry
3/05-5/07	Michael McCaughan: USC Dept. of Health Promotion and Prevention
8/05-5/07	Ross Levin: USC Dept. of Health Promotion and Prevention
8/05-5/07	Alexandra Demco: USC Dept. of Biology
7/05-5/08	Chad Agy: USC Dept. of Biology
6/08-5/09	Dustin Tetzl: USC Dept. of Biology
9/08-5/09	Taylor Parks: USC Dept. of Biology
9/08-8/09	Eric Rohman: USC Dept. of Biology

### **RESEARCH ADVISOR-HIGH SCHOOL STUDENTS**

(All from Francisco Bravo Medical Magnet High School)

7/05-6/06	Keyla Ramirez
7/03-6/04	Zaven Tabakian
7/01-8/02	Daniel Li
7/00-8/01	Anh Quan Nguyen
7/00-6/01	Jenny Wong

### **GOVERNMENT AFFAIRS EXPERIENCE**

3/07-6/10	Charter Member, California Coalition for Premature Infant Health
9/98-6/00	Los Angeles County Board of Supervisors Community Health Care Planning for South Los Angeles
9/97-10/98	State of California Department of Health Services-Technical Advisory Committee on Physical and Occupational Therapy
5/94-6/95	California State Council on Developmental Disabilities
10/93-6/95	United States Dept. of Health and Human Services Bureau of Maternal and Child Health-National Planning Council on Nutrition
8/92-3/95	California Department of Education-State Task Force on P.T./O.T.

### **COMMUNITY OUTREACH DEVELOPMENT EXPERIENCE**

8/17-present	Chairperson, Maternal and Child Health Committee, Indiana March of Dimes
8/17-present	Facilitator, Marion County Health Dept., Fetal/Infant Mortality Review Community Action Team
1/14-8/16	Wabash Valley March of Dimes Board Member
1/13-8/13	Behavioral Health Education Committee, Nebraska
1/11-8/13	Nebraska March of Dimes Prematurity Summit Planning Committee
2/12-8/13	Nebraska March of Dimes State Planning Committee
10/07-1/08	Distinguished Lecture Series: Building a Community with Greater Compassion: Research and Outreach to Eliminate the Black Infant Mortality Crisis
2/07, 2/08	Organizer and Host: University-Community Discussion to Develop Strategies to Improve Birth Outcomes for African American Women.
1/94-6/95 with	Conference for Organized Parents: Training For Immigrant Parents of Children Disabilities

### **REGULATORY/COMPLIANCE AFFAIRS EXPERIENCE**

1/05-6/10	Chairman, USC Institutional Animal Care and Use Committee
3/03-6/10	USC Executive Research Compliance Committee
9/98-12/04	Vice Chairman, USC Institutional Animal Care and Use Committee
9/96-8/98	Member, USC Institutional Animal Care and Use Committee

### **UNIVERSITY/DEPARTMENTAL COMMITTEE APPOINTMENTS**

University

8/19-present Chancellor's Review Committee for Social Work PhD Program  
 8/19-present IUPUI Faculty Council Research Affairs Committee  
 8/17-5/19 Community Engagement Research Committee  
 2/15-9/15 Collaboration Awards Committee  
 4/14-6/15 Lead Dean, University Diversity/Inclusive Excellence Task Force  
 9/05-6/06 USC Dental/OT/PT Departments Merger Committee  
 10/01-6/04 USC Neuroscience Graduate Program Retreat Director  
 1/01-5/02 USC Ad Hoc Committee on Animal Research Facilities  
 6/99-6/00 USC: Search Committee for Director of Animal Resources  
 8/96-5/97 USC: Senator-Academic Senate  
 8/95-12/96 USC: Health Science Caucus  
 8/96-8/98 Committee to create undergraduate minor in Children/Families in Urban America

### **School**

8/17-present MPH Committee  
 7/10-7/13 UNMC School of Allied Health Professions Performance Management Committee  
 7/10-7/13 UNMC School of Allied Health Professions Associate Dean's Leadership Team  
 12/01-6/02 Search Committee, USC School of Dentistry  
 4/97-1/00 USC Dept. of Biokinesiology and Physical Therapy, Search Committee for Chairperson

### **Departmental**

1/18-present Department Search Committee Chairperson  
 6/00-6/10 Semester 2 and 3 Coordinating Curriculum Committee  
 1/05-8/05 Search Committee  
 9/02-4/04 Chair, Search Committee  
 7/95-6/10 Admissions Committee  
 8/00-8/01 Faculty Merit Review Committee  
 7/95-6/05 Biokinesiology Committee (Chair from 7/97-1/99)  
 7/95-6/00 Semester 1 Coordinating Curriculum Committee

### **TECHNICAL ASSISTANCE/INFORMATION DISSEMINATION ACTIVITIES**

6/06-7/10 Speakers Bureau-Abbott Nutrition  
 6/07 Pasadena Birthing Project, Pasadena, CA  
 6/06 & 10/05 Kern Regional Center for Developmental Disabilities  
 5/04-5/10 Annual Brain Awareness Lecture: Carden Elementary School, Whittier, CA  
 1/93-5/93 Manor Group Home for Adults with Developmental Disabilities and Mental Illness: Program Consultant  
 2/86-3/86 CBS Afterschool Specials: Medical Consultant

### **PROFESSIONAL QUALIFICATIONS**

- California Physical Therapy License #12786 (no longer licensed)
- California Children Services (CCS) Physical Therapist

### **CLINICAL APPOINTMENTS**

3/03-1/08 Physical Therapy Training Director-Center for Excellence in the Developmental Disabilities - USC-Childrens Hospital Los Angeles  
 8/92-6/95 Physical Therapy Training Coordinator-University Affiliated Program  
 Department of Psychiatry and Biobehavioral Sciences, UCLA School of Medicine  
 4/92-11/92 Coordinator of Pediatric Rehabilitation - Orthopaedic Hospital of Los Angeles  
 11/84-9/86 Staff Physical Therapist - Orthopaedic Hospital of Los Angeles

### **REFeree FOR PROFESSIONAL JOURNALS**

Developmental Neuroscience

Brain Research  
Developmental Brain Research  
Molecular Brain Research  
Experimental Brain Research  
Neuroscience  
Journal of Pediatric Psychology

**EDITORIAL RESPONSIBILITIES**

8/18-present      Associate Editor: Engage!  
10/09-6/18      Editorial Board Member: Developmental Psychobiology  
3/06-7/07      Editorial Advisory Board: Preemie Magazine

**PROFESSIONAL SOCIETIES**

American Public Health Association (current, member MCH and International Health Sections)  
American Physical Therapy Association  
Society for Neuroscience  
International Society for Developmental Psychobiology (Treasurer Elect 07-08, Treasurer 08-10)  
Society for the Study of Ingestive Behaviors