



# 2016 COLLEGE OF ALLIED HEALTH RESEARCH DAY PROGRAM

## BREAKING OUT OF YOUR “PROFESSIONAL” SILO

8:00-8:30	<b>Registration</b> (OKC: Carole A. Sullivan Atrium, Tulsa: Outside of Perkins Auditorium)	
8:30-8:40	<b>Welcome Address:</b> Dean: P. Kevin Rudeen, PhD Chair of CAH Research Committee: Carrie Ciro, PhD, OTR/L, FAOTA OKC Rooms: AHB 1117, 1046, 1047, 2058, 2059, 2065 Tulsa Rooms: Perkins Auditorium	
8:40-8:55	<b>Q&amp;A Panel: Research, Teaching and Clinical Faculty</b> Moderator: Whitney Anderson, SPT, President, College of Allied Health Student Association Faculty Panel: Mona Ryan, MS, CCC-SLP, Susan Sisson, PhD, Josh Williams, PT, DPT, OCS, SCS, CSCS OKC Rooms: AHB 1117, 1046, 1047, 2058, 2059, 2065 Tulsa Rooms: Perkins Auditorium	
	<p style="text-align: center;"><b>Pediatric and Neurology Track Oral Presentations</b></p> <p style="text-align: center;">OKC: AHB 1117, 1046, 1047 Tulsa: LC138</p>	<p style="text-align: center;"><b>Health Care Service Delivery and Orthopedics Track Oral Presentations</b></p> <p style="text-align: center;">OKC: AHB 2058, 2059, 2065 Tulsa: Perkins Auditorium</p>
9:00-10:00	<p><b>Day, Jonathan</b>, Ertl, W.J.J., Dionne C., Reed, R.  <i>Targeted muscle reinnervation: A case series examining surgical and prosthetic outcomes of upper extremity amputation.</i>  <b>Clinical Discussant: Josh Williams, PT, DPT, OCS, SCS, CSCS</b></p>	<p><b>Randall, Ken</b>, Ciro, C.  <i>Knowledge and attitudes about telehealth care among occupational therapy, physical therapy, and nursing students.</i>  <b>Clinical Discussant: Mona Ryan, M.S., CCC-SLP, ASHA Fellow</b></p>
	<p><b>South, Adelaide</b>, Sisson, S.B., Fields, D.A.  <i>Infant care status and adiposity as measured by dual energy x-ray absorptiometry (DXA).</i>  <b>Clinical Discussant: Laura Rauh, MPT</b></p>	<p><b>Hagood, Hannah</b>  <i>Electronic communication: Helpful in healthcare? A critically appraised topic.</i>  <b>Clinical Discussant: Jennifer Bagley, MPH, RDMS, RVT</b></p>
	<p><b>Andrew, Kimberly</b>, Porter, A., Rauh, L., Hughes, E., Kolobe, T.  <i>Comparison of the rate of development of infants born with very low birth weight and at term in the first year of life.</i>  <b>Clinical Discussant: Laura Rauh, MPT</b></p>	<p><b>Wyatt, Meredith</b>, Isaacson, M., Worley, J.  <i>Professor Paws Project: Service dog education for allied health students.</i>  <b>Clinical Discussant: Jennifer Bagley, MPH, RDMS, RVT</b></p>

10:00-10:50	<b>Poster Session and Break</b> OKC: Carole A. Sullivan Atrium Tulsa: Learning Center First Floor Atrium/Hallway	
11:00-12:00	<b>Key Note Presenter: Ian Graham, PhD</b> <i>What Does it Take to Translate Findings into Practice and Outcomes?</i>  OKC: AHB 1117, 1046, 1047, 2058, 2059, 2065 Tulsa: Perkins Auditorium	
12:00-12:55	<b>Lunch Provided</b>  Seating as available in the building or outdoor areas.	
	<b>Oral Presentations</b>  OKC: AHB 1117, 1047, 1046 Tulsa: LC 138	<b>Oral Presentations</b>  OKC: AHB 2058, 2059, 2065 Tulsa: Perkins Auditorium
1:00-2:00	<b>Smith, Chelsea</b> , Swyden, K., Weedn, A., Salvatore, A.L., Terry, R., Sisson, S.B. <i>Influence of maternal stress, number of children, and marital status on maternal feeding practices of preschoolers.</i> <ul style="list-style-type: none"> <li>• <b>Student Group Discussion</b></li> </ul>	<b>Dionne, Carol</b> , Crawford, D.A., Day, J.D., Ertl, W.J.J. <i>Work performance and residual limb volume in men with transtibial amputation over a 12-month timeframe.</i> <ul style="list-style-type: none"> <li>• <b>Student Group Discussion</b></li> </ul>
	<b>Gaeta, Laura</b> , John, A.B. <i>Turn down for what? Evidence of temporary threshold shift in group fitness class participants.</i> <ul style="list-style-type: none"> <li>• <b>Student Group Discussion</b></li> </ul>	<b>Tate, Kasey</b> <i>Diagnosing carpal tunnel syndrome: Sonography versus magnetic resonance imaging: A critically appraised topic.</i> <ul style="list-style-type: none"> <li>• <b>Student Group Discussion</b></li> </ul>
	<b>Kiger, Alicia</b> , Sisson, S.B., Rasbold, A., Campbell, J., DeGrace, B., Hoffman, L. <i>Differences in food and nutrient intake of meals consumed at childcare and home by young children.</i>  <b>Clinical Discussant: Shelly Geddes, M.S. CCC-SLP</b>	<b>Horn, Maggie</b> , Bishop, M.D., Harman, J.S., Brennan, G.B., George, S.Z. <i>A value proposition for early physical therapist management of neck pain: A retrospective cohort.</i> <ul style="list-style-type: none"> <li>• <b>Student Group Discussion</b></li> </ul>
2:00-2:50	<b>Poster Session and Break</b>  OKC: Carole A. Sullivan Atrium Tulsa: Learning Center First Floor Atrium/Hallway	

	<b>Pediatric and Neurologic Symposium</b>  <b>OKC: AHB 1117, 1047, 1046</b> <b>Tulsa: LC 138</b>	<b>Health Care Service Delivery Symposium</b>  <b>OKC: AHB 2058, 2059, 2065</b> <b>Tulsa: Perkins Auditorium</b>
3:00-4:00	<b>Kolobe, Thubi,</b> Fagg, A., Johnson, L., Porter, A. <i>Reward-and error-based movement learning during acquisition of prone locomotion in infants with or at risk for cerebral palsy.</i> <b>Clinical Discussant: Amanda Porter, MPT</b>	<b>Patton, Michelle.</b> <i>Effects of wait time on overall patient satisfaction: A critically appraised topic.</i>  <b>Clinical Discussant: Dora DiGiacinto, M.Ed. RDMS, RDCS</b>
	<b>Twum-Ampofo, Nana,</b> Porter, A., Rauh, L., Kolobe, T., Fagg, A.H. <i>Postural control and movement proficiency in infants with and without cerebral palsy using the self-initiated prone progression crawler-2.</i> <b>Clinical Discussant: Amanda Porter, MPT</b>	<b>Jilla, Anna,</b> Johnson, C.E., Smith, J.N., Sullivan, J.C., Winkler, K.R., Danhauer, J.L., Anderson, M. <i>What audiologic and non-audiologic factors predict hearing aid adherence?</i>  <b>Clinical Discussant: Mary A. Hudson, Ph.D., CCC-A</b>
	<b>Pham, Nancy,</b> Ciro, C. <i>The effectiveness of Lee Silverman Voice Therapy (LSVT) BIG intervention for improving motor function in adults diagnosed with Parkinson's Disease.</i> <b>Clinical Discussant: Shirley James, PT, MS</b>	<b>Finneran, Denise,</b> Heilmann, J., Moyle, M. <i>Role of linguistic diversity and SES in PPVT-4 performance for preschool-age children in low-income communities.</i>  <b>Clinical Discussant: Camber Moulton, MS, CCC-SLP, ATP</b>
4:05-4:15	<b>Student Awards/Recognitions</b> Suzanne Kimball, AuD, CCC-A, F-AAA Alpha Eta President: Carole Johnson, PhD, AuD, CCC-A, F-AAA  <b>OKC: AHB 1117, 1046, 1047, 2058, 2059, 2065</b> <b>Tulsa: Perkins Auditorium</b>	
	<b>Surveys/Dismissal</b>	

## POSTER PRESENTATIONS - OKLAHOMA CITY

### **\*\*NEW Electronic Poster:**

1. **North, E.,** Porter, A., Rauh, L., Hughes, E., Kolobe, T.  
*Chronicling subtle behavioral thresholds and transitions during skill acquisition using videography.*

### **Paper Posters:**

2. **Battles, J.,** Britton, R., Hudson, M., Anderson, M.  
*Combining reinforcement types in visual reinforcement audiometry (VRA) in children aged 16-24 months.*
3. **Carfagno, K.,** Turner, P., Truong, M., Blackett, P.R.  
*Cholesterol and cardiovascular risk metrics in children with endocrine disorders.*
4. **Cheek, N.,** Bagley, J.  
*Retaining empathy in healthcare: Methods for students and professionals.*
5. **Clark, M.,** Baldwin, J., Grantham, V.  
*Nuclear medicine hot lab organization practices defined by nuclear medicine technologists.*
6. **Duran, M.,** Galbraith, W., Baldwin, J., Grantham, V.  
*Detecting blood, mold, and infectious contamination in nuclear pharmacy dose containers.*
7. **Edwards, K.,** Bagley, J.  
*A comparison of ultrasound guided nerve blocks and nerve blocks conducted using neurostimulation.*
8. **Gorman, P.,** Baldwin, J., Grantham, V.  
*Deadtime and count loss determination in nuclear renal analysis.*
9. **Hilton, J.,** Espinoza-Varas, B.  
*Sensitivity to level differences in stop-consonant noise bursts.*
10. **Holley, J.,** Dionne, C.  
*Physical therapy treatment for acute and chronic shoulder dysfunction.*
11. **Jacobi, M.,** Ciro, C.  
*Effectiveness of social skills training for improving social communication in adults with traumatic brain injury.*
12. **Jeffries, L.,** Fiss, A., Bartlett, D., McCoy, S.W.  
*A pilot study of change in secondary impairments in children with cerebral palsy.*
13. **King, K.,** White, R.  
*The sonographic comparison of uterine adenomyosis and uterine leiomyomas.*
14. **Komrij, M.,** Ciro, C.  
*Effectiveness of interactive metronome® training on attention in elementary school-aged children with attention deficit hyperactivity disorder.*
15. **Kren, K.,** Hoffman, L.  
*Nutrition therapy for preventing and slowing disease progression in patients with amyotrophic lateral sclerosis.*

16. **Lindsay, S.**, Bagley, J.  
*Bone erosions in patients with rheumatoid arthritis: A comparison between sonography, computed tomography, magnetic resonance imaging, and radiography.*
17. **Lively, K.**, Lora, K., Anderson, M., Sisson, S., DeGrace, B.  
*Associations between feeding practices and maternal granting and refusing preschoolers' food requests when co-grocery shopping.*
18. **McBee, D.**, Robinson, C.  
*Effectiveness of tangible non-food positive reinforcement on increasing the food preferences of typically developing children: A critical appraisal of the literature.*
19. **Smith, J.N.**, Johnson, J.E., Jilla, A.M., Sullivan, J.C., Winkler, K.R., Danhauer, J.L., Anderson, M.  
*Do advance handling skills predict hearing aid outcomes in experienced hearing aid users?*
20. **Song, J.A.**, Ciro, C.A.  
*The effectiveness of robot-assisted therapy to improve upper-limb motor function in people with acute stroke: A critically appraised topic.*
21. **Sullivan, J.C.**, Johnson, C.E., Jilla, A.M., Winkler, K., Danhauer, J.L.  
*Large vestibular aqueduct syndrome: Personal, parental, and healthcare professional perspectives.*
22. **Taylor, A.**, Ciro, C.A.  
*The use of NMES wrist robotics for chronic stroke rehabilitation: A critically appraised topic.*
23. **Walker, D.R.**, Sisson, S.B., Campbell, J.E., Wetherill, M.S., Horn, D.  
*Obesity prevention in early childhood: Statewide assessment and action plan development: A proposal.*
24. **White, K.**, Bagley, J.  
*Differentiating between benign and malignant renal masses: Conventional sonography versus contrast-enhanced ultrasound.*
25. **Wright, C.**, DeGrace, E., Keeton, K., Custer, A., Hile, E.  
*Breaking down silos: Interprofessional rehab enhances outcomes in case of lipolymphedema.*
26. **Wynn, M.**  
*Comparison of the traditional classroom versus online blended learning.*
27. **Yee, H.**, Anderson, S., Anderson, M.  
*Identifying the predominant personality type of medical dosimetry students in JRCERT-accredited medical dosimetry programs.*

## POSTER PRESENTATIONS – TULSA

1. **Anoke, J.N.**, White, R.  
*Comparison of magnetic resonance imaging and transvaginal ultrasound in the assessment of cervical cancer: A critically appraised topic.*
2. **Battles, J.**, Britton, R., Hudson, M., Anderson, M.  
*Combining reinforcement types in visual reinforcement audiometry (VRA) in children aged 16-24 months.*
3. **Carfagno, K.**, Turner, P., Truong, M., Blackett, P.R.  
*Cholesterol and cardiovascular risk metrics in children with endocrine disorders.*

4. **Clark, M.,** Baldwin, J., Grantham, V.  
*Nuclear medicine hot lab organization practices defined by nuclear medicine technologists.*
5. **Duran, M.,** Galbraith, W., Baldwin, J., Grantham, V.  
*Detecting blood, mold, and infectious contamination in nuclear pharmacy dose containers.*
6. **Embrey, K.,** Bagley, J.  
*What are the perceptions of healthcare workers with visible body art?*
7. **Golden, K.,** Bagley, J.  
*The importance of hand cleansing and nail care in the health care industry.*
8. **Jacobi, M.,** Ciro, C.  
*Effectiveness of social skills training for improving social communication in adults with traumatic brain injury.*
9. **Lee, K.,** Isaacson, M.  
*Effectiveness of early mobilization on length of intensive care unit stay for mechanically ventilated adults.*
10. **Lively, K.,** Lora, K., Anderson, M., Sisson, S., DeGrace, B.  
*Associations between feeding practices and maternal granting and refusing preschoolers' food requests when co-grocery shopping.*
11. **McBee, D.,** Robinson, C.  
*Effectiveness of tangible non-food positive reinforcement on increasing the food preferences of typically developing children: A critical appraisal of the literature.*
12. **McBrayer, M.D.,** Isaacson, M.  
*Motivational interviewing and physical exercise on chronic pain.*
13. **Song, J.A.,** Ciro, C.A.  
*The effectiveness of robot-assisted therapy to improve upper-limb motor function in people with acute stroke: A critically appraised topic.*
14. **Taylor, A.,** Ciro, C.A.  
*The use of NMES wrist robotics for chronic stroke rehabilitation: A critically appraised topic.*
15. **Van, A.,** White, R.  
*Racial and ethnic differences: Does patient race affect their satisfaction with health care? A critically appraised topic.*

\*Highest scored posters were asked to display as un-manned duplicates in Tulsa.