# 2016 College of Allied Health Research Day Program

## Program:

### Breaking Out Of Your “Professional” Silo

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>8:00-8:30</td>
<td><strong>Registration</strong> (OKC: Carole A. Sullivan Atrium, Tulsa: Outside of Perkins Auditorium)</td>
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| 8:30-8:40 | **Welcome Address:**  
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 | **Q&A Panel: Research, Teaching and Clinical Faculty**  
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 |

### Oral Presentations:

- **Pediatric and Neurology Track**  
  Oral Presentations  
  OKC: AHB 1117, 1046, 1047  
  Tulsa: LC138

- **Health Care Service Delivery and Orthopedics Track**  
  Oral Presentations  
  OKC: AHB 2058, 2059, 2065  
  Tulsa: Perkins Auditorium

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| 9:00-10:00 | **Day, Jonathan**, Ertl, W.J.J., Dionne C., Reed, R.  
*Targeted muscle reinnervation: A case series examining surgical and prosthetic outcomes of upper extremity amputation.*  
Clinical Discussant: Josh Williams, PT, DPT, OCS, SCS, CSCS |
|           | **Randall, Ken**, Ciro, C.  
*Knowledge and attitudes about telehealth care among occupational therapy, physical therapy, and nursing students.*  
Clinical Discussant: Mona Ryan, M.S., CCC-SLP, ASHA Fellow |
|           | **South, Adelaide**, Sisson, S.B., Fields, D.A.  
*Infant care status and adiposity as measured by dual energy x-ray absorptiometry (DXA).*  
Clinical Discussant: Laura Rauh, MPT |
|           | **Hagood, Hannah**  
*Electronic communication: Helpful in healthcare? A critically appraised topic.*  
Clinical Discussant: Jennifer Bagley, MPH, RDMS, RVT |
|           | **Andrew, Kimberly**, Porter, A., Rauh, L., Hughes, E., Kolobe, T.  
*Comparison of the rate of development of infants born with very low birth weight and at term in the first year of life.*  
Clinical Discussant: Laura Rauh, MPT |
|           | **Wyatt, Meredith**, Isaacson, M., Worley, J.  
*Professor Paws Project: Service dog education for allied health students.*  
Clinical Discussant: Clinical Discussant: Jennifer Bagley, MPH, RDMS, RVT |
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<th>Location Tulsa</th>
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<tr>
<td>10:00-10:50</td>
<td><strong>Poster Session and Break</strong></td>
<td>Carole A. Sullivan Atrium</td>
<td>Learning Center First Floor Atrium/Hallway</td>
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<td>11:00-12:00</td>
<td><strong>Key Note Presenter: Ian Graham, PhD</strong></td>
<td>AHB 1117, 1046, 1047, 2058, 2059, 2065</td>
<td>Perkins Auditorium</td>
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<td>12:00-12:55</td>
<td>Lunch Provided</td>
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<td>1:00-2:00</td>
<td><strong>Oral Presentations</strong></td>
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<td><em>Influence of maternal stress, number of children, and marital status on maternal feeding practices of preschoolers.</em></td>
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<td><em>Student Group Discussion</em></td>
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<td><strong>Gaeta, Laura,</strong> John, A.B.</td>
<td>OKC: AHB 2058, 2059, 2065</td>
<td>Tulsa: Perkins Auditorium</td>
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<td><em>Turn down for what? Evidence of temporary threshold shift in group fitness class participants.</em></td>
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<td><em>Student Group Discussion</em></td>
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<td>2:00-2:50</td>
<td><strong>Poster Session and Break</strong></td>
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| 3:00-4:00 | **Reward-and error-based movement learning during acquisition of prone locomotion in infants with or at risk for cerebral palsy.**  
Clinical Discussant: Amanda Porter, MPT | OKC: AHB 1117, 1047, 1046  
Tulsa: LC 138 |
| 3:00-4:00 | **Effects of wait time on overall patient satisfaction: A critically appraised topic.**  
Clinical Discussant: Dora DiGiacinto, M.Ed. RDMS, RDCCS | OKC: AHB 2058, 2059, 2065  
Tulsa: Perkins Auditorium |
| 4:05-4:15 | **What audiologic and non-audiologic factors predict hearing aid adherence?**  
Clinical Discussant: Mary A. Hudson, Ph.D., CCC-A | OKC: AHB 1117, 1046, 1047, 2058, 2059, 2065  
Tulsa: Perkins Auditorium |
| 4:05-4:15 | **Role of linguistic diversity and SES in PPVT-4 performance for preschool-age children in low-income communities.**  
Clinical Discussant: Camber Moulton, MS, CCC-SLP, ATP | OKC: AHB 1117, 1046, 1047, 2058, 2059, 2065  
Tulsa: Perkins Auditorium |
| 4:05-4:15 | **The effectiveness of Lee Silverman Voice Therapy (LSVT) BIG intervention for improving motor function in adults diagnosed with Parkinson’s Disease.**  
Clinical Discussant: Shirley James, PT, MS | OKC: AHB 1117, 1046, 1047, 2058, 2059, 2065  
Tulsa: Perkins Auditorium |
| 4:05-4:15 | **The role of LSVT BIG in improving motor function in adults diagnosed with Parkinson’s Disease.**  
Clinical Discussant: Shirley James, PT, MS | OKC: AHB 1117, 1046, 1047, 2058, 2059, 2065  
Tulsa: Perkins Auditorium |
| 4:05-4:15 | **Postural control and movement proficiency in infants with and without cerebral palsy using the self-initiated prone progression crawler 2.**  
Clinical Discussant: Amanda Porter, MPT | OKC: AHB 1117, 1046, 1047, 2058, 2059, 2065  
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**Surveys/Dismissal**
**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.

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.

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.


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.*

    *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.*