



UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER  
COLLEGE OF ALLIED HEALTH

## RESEARCH COMMITTEE

Susan B. Sisson, PhD, RDN, CHES, FACSM *Committee Chair, Department of Nutritional Sciences*

Denise Bender, PT, JD *Department of Rehabilitation Sciences*

Beth DeGrace, PhD, OTR/L, FAOTA *Department of Rehabilitation Sciences*

Karina Lora, PhD *Department of Nutritional Sciences*

Jeff Berry, MS, RT (R) (CT) *Department of Medical Imaging and Radiation Sciences*

Daiquirie Crumrine, PhD, CCC/SLP *Department of Communication Sciences & Disorders*

Elizabeth Hile, PT, PhD, NCS *Department of Rehabilitation Sciences*

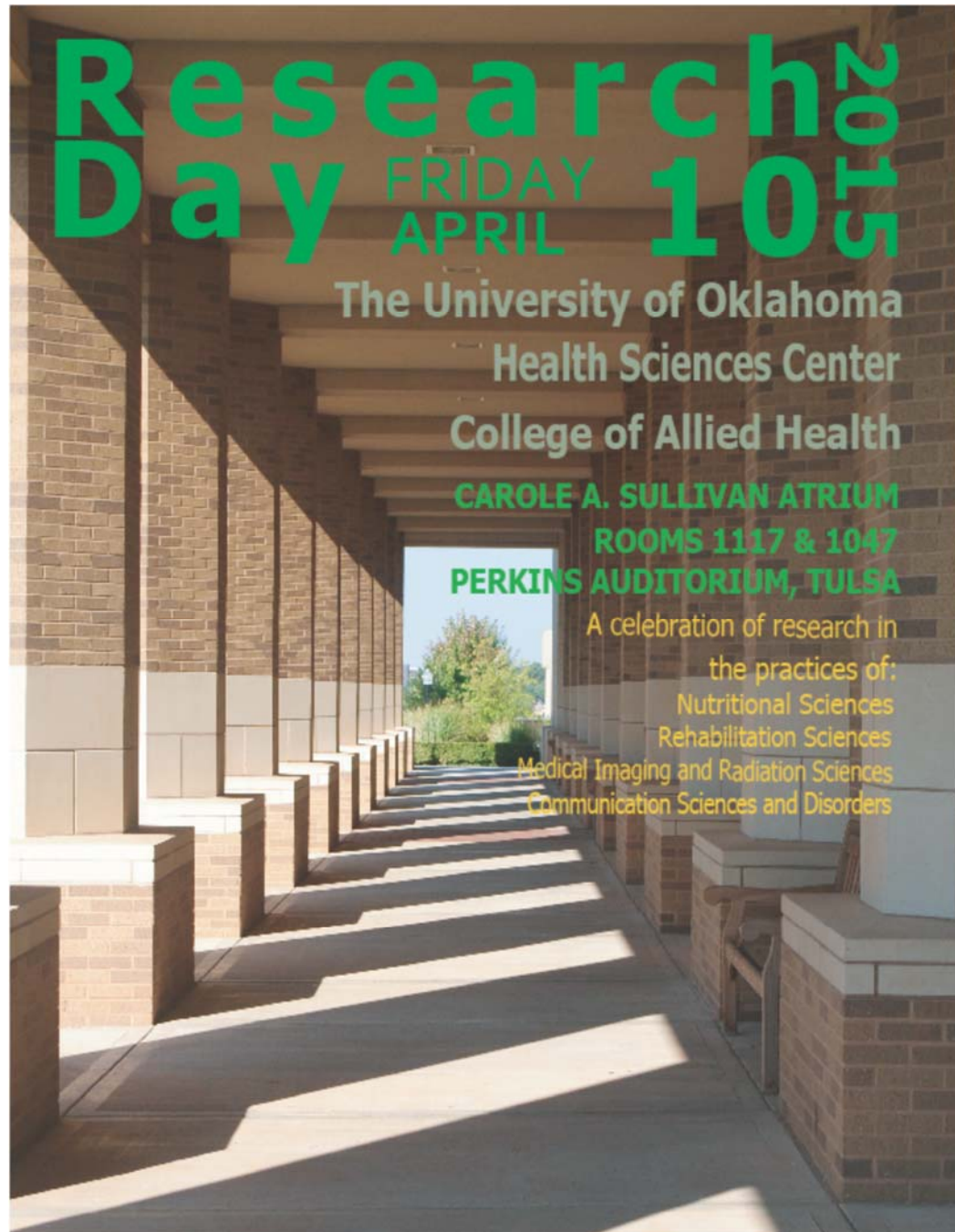
Dr. Mary Isaacson, EdD, OTR/L, ATP *Department of Rehabilitation Sciences*

Suzanne Kimball, AuD, CCC-A, FAAA *Department of Communication Sciences & Disorders*

Derek Crawford, PhD©, MS, MEd *Student Representative, Department of Rehabilitation Sciences*

Traci Brannon, Ex Officio *Dean's Office*

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## PROGRAM

- 9:30-9:35 Oral Presentation Opening Remarks  
**Susan Sisson, Ph.D., Research Committee Chair**  
*Allied Health Building Rooms 1117 & 1047*  
*Tulsa Perkins Auditorium*
- 9:35-9:55 **Smart, Leslie, DeGrace, B., Barnekow, K., Kolobe, T.**  
*Social-emotional behaviors during the development of prone locomotion in infants at high and low risk for cerebral palsy.*
- 9:55-10:15 **Park, Eunsun, Santos, C., Dvorak, J., Gates, J., Boutsen, F.** *The effect of "SPEAK-OUT!" voice therapy on prosody in persons with Parkinson's disease.*
- 10:15-10:35 **Swyden, Katy, Sisson, S.B., Morris, A.S., Lora, K., Weedn, A., DeGrace, B.** *Association between maternal stress, work status, and feeding practices among preschool children.*
- 10:35-10:55 **Braun, Meredith, Carver, B., Hobson, A., Kennedy, A., Perdue, L., Wood, T., DeGrace, B.W.** *Community inclusion for children with developmental disabilities in Edmond, OK.*
- 10:55-11:15 **Ciro, Carrie A., Poole, J., Robinson, C.A., Hamilton, T., Hershey, L.** *Does context of delivery affect ADL improvement and retention using the STOMP dementia intervention?*
- 11:15-11:35 **Kolobe, Thubi H.A., Fagg, A.H., Pidcoe, P., Miller, D.** *Effect of robotic reinforced movement learning technology on the development of early mobility in infants.*

## POSTER PRESENTATIONS-TULSA

1. **Sublett, A., Isaacson, M.** *Using the alert program to increase self-regulation skills in children with challenging behaviors.*
2. **\*Schumpert, K., Porter, A., Schmiedeberg, T., Rauh, L., Bulanda, M., Kolobe, T.** *The relationship between cognition and motor development of prone locomotion.*
3. **\*Phillips, P., McGrew, L., Shivers, B., White, M., Claunch, C., Crumrine, D.** *Autism spectrum disorders: An investigation of eye-gaze patterns and fast-mapping skills.*
4. **\*Mills, E., Wolfe, J., Schafer, E., John, A.B., Hudson, M.** *Benefits of binaural streaming telephone technology in children with hearing impairment.*
5. **\*John, A.B., Kreisman, B.M., Nagaraj, V.S., Walbom, M., Post, C.** *Error estimation in ultra-high-frequency audiometry using calibrated tone and narrow-band-noise stimuli.*
6. **\*Jones, H., John, A.B., Gaeta, L.** *Real-world factors affecting accuracy and precision of sound level measurement using smartphone applications.*
7. **Fields, R., Beguin, M.** *How does inconsistency in breathing techniques affect inferior vena cava measurements when assessing pathologies using ultrasound?*
8. **Conaway, M., Isaacson, M.** *Positive behavior support (PBS) for children with autism spectrum disorder (ASD): A critically appraised topic.*

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

## POSTER PRESENTATIONS-OKLAHOMA CITY

25. **Hobson, A.**, Hamilton, T. *Job coaching and individualized employment supports increasing likelihood of employment for adults with developmental disabilities.*
26. **Gaeta, L.**, John, A.B. *“No hablo español”: Identifying disparities in hearing healthcare for Spanish-speaking patients in the United States.*
27. **Dionne, C.P.**, Smith, B.J., Ashikayan, O., Fung, T. *Characteristics of lumbar disc disease in patients who centralize symptoms.*
28. **Cox, A.**, Hamilton, T. *Comparison of pressure relief wheelchair cushions for adults with spinal cord injury: A critically appraised topic.*
29. **Bruce, C.**, Henning, E., McKnight, A. *Can adenomyosis and leiomyomas be differentiated using sonography?*
30. **Asif, R.**, Lora, K., Knehans, A., Sisson, S.B., Anderson, M. *Association between TV viewing while eating and drinking and sugar-sweetened beverage intake in preschool children.*

- 11:35-1:00 Poster Presentations & Lunch  
*College of Allied Health, Carole A. Sullivan Atrium  
Tulsa Perkins Auditorium*
- 1:00-1:10 Speaker Introduction  
**P. Kevin Rudeen, PhD, Dean**  
*Allied Health Building Rooms 1117 & 1047  
Tulsa Schusterman Learning Center Room 145*
- 1:10-2:00 Featured Speaker  
**Evan Floyd, Ph.D.**  
*It's not just “water vapor”: e-cigarette second hand smoke and third hand vapor compared to cigarette smoke.*
- 2:00 Presentation of Certificate to Student Oral  
Presentation Winner  
**P. Kevin Rudeen, PhD, Dean**
- Moderator:** Conclusion and Program Evaluations

## POSTER PRESENTATIONS-OKLAHOMA CITY

1. **Winkler, K.,** Johnson, C., Jilla, A., Sullivan, J.C. *Yoga as a form of vestibular rehabilitation: A systematic review with meta-analysis.*
2. **White, S.,** Ertl, W.J.J., Day, J.D., Smith, B.J., Commuri, S., Regens, J.L., Mai, A., Dionne, C.P. *Work-related performance measures in men with transtibial amputation.*
3. **White, M.,** Crumrine, D. *Receptive retention of novel words and images in children with autism spectrum disorder.*
4. **Wetch, E.,** Ciro, C. A. *Low-level laser therapy provides short-term improvement of carpal tunnel symptoms: A critically appraised topic.*
5. **Stroup, M.,** Ciro, C.A. *Mindfulness-based stress reduction for decreasing anxiety in adults with breast cancer: A critically appraised topic.*
6. **Steen, L.,** Schmidt, L. *Evaluating rheumatoid arthritis related bone erosions: A comparison of imaging modalities.*
7. **Sneed, K.,** Dvorak, J., Park, E., Ross, E., Boutsen, F. *Processing of facial emotions in healthy adults.*
8. **Schumpert, K.,** Porter, A., Schmiedeberg, T., Rauh, L., Bulanda, M., Kolobe, T. *The relationship between cognition and motor development of prone locomotion.*
9. **Phillips, P.,** McGrew, L., Shivers, B., White, M., Claunch, C., Crumrine, D. *Autism spectrum disorders: An investigation of eye-gaze patterns and fast-mapping skills.*
10. **Peters, M.K.,** Arnold, S.H., DeGrace, B., Fisher, M.J., Carlson, K.N., Dout, A.E. *Exploring the Oklahoma Lend Learning Experience.*
11. **Perdue, L.,** Ciro, C.A. *Wii-based training to improve gross motor function and functional mobility in children with cerebral palsy.*
12. **Nelson, A.,** Sisson, S.B., Rasbold, A., Campbell, J., DeGrace, B., Lora, K. *Differences in food and nutrient intake of meals consumed at childcare and home by young children: A research proposal.*
13. **Myers, J.,** Kimball, S., Fruits, T., John, A.B. *Prevalence of tinnitus and noise induced hearing loss in Oklahoma dentists.*
14. **Mills, E.,** Wolfe, J., Schafer, E., John, A.B., Hudson, M. *Benefits of binaural streaming telephone technology in children with hearing impairment.*
15. **Mdzinarishvili, A.,** Geldenhuys, W.J. *mitoNEET agonist NL-1 promotes cell proliferation in hippocampal dentate gyrus.*
16. **Lunsford, J.,** Dvorak, J., Boutsen, F. *Phonemic geminates as durational attractors in linguistic prosody.*
17. **Lively, K.,** DeGrace, B., Sisson, S.B., Anderson, M., Lora, K. *Associations of parental feeding practices and parent child food purchase interactions in grocery stores: A proposal.*
18. **Krampe, M.A.,** Anundson, K., Sisson, S.B. *Obesity prevention interventions and the use of theoretical framework in child care: A review.*
19. **Jones, H.,** John, A.B., Gaeta, L. *Real-world factors affecting accuracy and precision of sound level measurement using smartphone applications.*
20. **Johnson, M.,** Nguyen, J. *Sonography: Does it effectively diagnose rotator cuff tears?*
21. **John, A.B.,** Kreisman, B.M., Nagaraj, V.S., Walbom, M., Post, C. *Error estimation in ultra-high-frequency audiometry using calibrated tone and narrow-band-noise stimuli.*
22. **Jilla, A.M.,** Winkler, K.R., Johnson, C.E., Danhauer, J.L. *Moving the ambivalent patient: Applications of motivational interviewing in audiology.*
23. **Jeffries, L.,** Effgen, S.K., McCoy, S.W., Chiarello, L. *School-based physical therapy services: An analysis of individualized student outcomes using goal attainment scaling.*
24. **Howerton, K.M.,** John, A.B. *Dangerous decibels for college-aged students.*

*(continued on next page)*