Research Committee

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College of Allied Health

INAUGURAL RESEARCH DAY

The University of Oklahoma Health Sciences Center
College of Allied Health
Oklahoma City — Room 1117
Tulsa — Learning Center Auditorium

November 12, 2010
**PROGRAM**

1:00 -1:15  Opening Remarks  
**P. Kevin Rudeen, PhD, Dean**

Moderator  **Thubi Kolobe, PT, PhD, FAPTA**

1:15 – 1:30  **YK. Jan, PT, PhD,** BD. Struck, MD, RD. Foreman, PhD, C. Robinson, MS, OT/L, M. MacRobert, MS, RN  
*Wavelet Analysis of Blood Flow Oscillations to Assess Soft Tissue Viability in Older Adults*

1:30 – 1:45  **EE. Davidson, BS,** MB. Mitchell, BS, HR. Hull, PhD, MJ. Leyva, MS, RD/LD, Sandra Richardson, MS, RD/LD, SB. Sisson, PhD, CHES  
*Effects of Frequency of Family Dinners with the Television on*

1:45 – 2:00  **R. Deal, PhD**  
*Acoustic and Perceptual Correlates of Voice Associated with the Menses*

2:00 – 2:15  **J L. Graef, MS, HR. Hull, PhD, C.Paley, MD,**  
K. Navder, RD, PhD, D. Gallagher, EdD,  
*Maternal Dietary Consumption of Linoleic Acid is Inversely Related to Infant Fat Mass*

2:15 – 2:30  **LV. Lepak, DPT, MPH,** TW. Allen, DO,  
C. Robledo, PhD Candidate, D. Thompson, PT, PhD  
*A Randomized Control Trial Assessing the Effects of Localized Vibration on Flexibility in the Lumbar Spine and Lower Extremity*

2:30 – 2:45  **L. Hoffman, MS RD/LD,** V. Skaggs, PhD, A. Knehans, PhD  
*Predictive Factors for Weight Loss Following Pancreatic Surgery*

2:45 – 3:00  **B. Werner DeGrace, PhD, OTR/L**  
*Family Experiences and Health Following the Diagnosis of Autism: An Introduction to the FEHDA Model*

3:00 – 3:15  **K. Karner, M.S. CCC/SLP,**  
DD. Deweber, MS, CCC/SLP,  
S. Benson, PhD, CCC/SLP  
*Oklahoma Diversity Project: Exploring Ethnicity and Parental Perspectives in Autism Intervention*

3:15 – 3:30  **SH. Kimball, AuD**  
*Concerns Regarding Direct to Consumer Hearing Aids*

3:30 – 3:45  **CP. Dionne, PT, DPT, PhD, OCS, Cert MDT,** R. Schenk, PT, PhD, OCS, FAAOMPT, Cert MDT  
*Effectiveness of Mechanical Diagnosis and Therapy in Patients with Back Pain Who Meet a Clinical Prediction Rule for Spinal Manipulation*

3:45 – 4:00 Adjourn for Poster Session

4:00 – 6:00 Poster Session (See Insert) and Refreshments

5:00 – 5:30 Closing Remarks and Acknowledgements  
**P. Kevin Rudeen, PhD, Dean**
1. Garrison, D. W., Detre, J. A., James, S. A., Boutsen, F. R., Karner, K., & Wu, D. Comparison of common areas of brain function during motor execution, imagery, and passive visual observation of the same task: A fMRI study

2. Ciro, C. A., Ottenbacher, K. J., Kuo, Y-F., & Ostir, G. V. Hospital depressive symptoms increase the odds of post-hospitalization ADL limitations

3. Ciro, C. A., Ottenbacher, K. J., & Ostir, G. V. Depressive symptoms in hospitalized older adults: Patterns and correlates of change in a 3-month follow-up study


7. Espinoza-Varas, B., & Rudeen, P. K. Modeling the alcohol effect on cued go/no-go performance of social drinkers

8. Kolobe, T.H.A., & Pidcoe, P. Movement learning during prone progression in infants with and without cerebral palsy

9. Arevalo, A., Catalino, T., & Kolobe, T.H.A. Motor outcome and mother-child interactions during the first three years of life


12. Jan, Y-K., Akbaran, M., Burns, S., James, S., & Soltani, J. Effect of sympathovagal balance on posturally induced vasoconstrictive responses in people with spinal cord injury


15. Kao, A., Leyva, M., Aston, C. E., & Hull, H. R. Dietary quality scores as predictors of gestational weight gain

**CLINICAL SCHOLARSHIP/CASE PRESENTATIONS**

16. Dionne, C. P., & Stover, D. A. Case study: Ruling out candidacy for physical therapy with mechanical evaluation

17. Frazier, J., Dionne, C. P., & Ferretti, M. J. A comprehensive physical therapy treatment approach and proposed clinical prediction rule for positive clinical outcome following coronary arterial bypass procedure (CABG): A case report


19. Ong, J., Dionne, C. P., & Ferretti, M. J. Early physical therapy intervention for an adult with minimally invasive anterior total hip arthroplasty


22. Thomas, H., Dionne, C. P., & Ferretti, M. J. Sport-specific rehabilitation following anterior cruciate ligament (ACL) reconstruction in an athlete returning to bicycle motocross (BMX): A case study