

# RESEARCH AND SCHOLARLY ACTIVITY

## Fiscal Year 2015 Proposals and Awards

### Grant Proposals Submitted

COMMUNICATION SCIENCES AND DISORDERS				
RESEARCH				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Boutsen, Frank	Phonotactic and Non-phonotactic Sources in Prosody Perception: An ERP Investigation	07/01/2015 - 06/30/2016	Presbyterian Health Foundation Seed Grant Program for Collaborative Research	\$52,188
Espinoza-Varas, Blas	Emotional Voice-tone Sensitivity, Executive Functions, and Cancer-treatment Adherence	07/01/2015 - 06/30/2016	PHF	\$49,987
Johnson, Carole	Health-Related Quality of Life Benefits from Digital Hearing Aids for Patients with Mild and Moderate Hearing Losses	07/01/2015 - 06/30/2020	NIDCD	\$963,567
Johnson, Carole	Attentional Modulation of Consonant Identification in Reverberation and Noise in a Dual Task Paradigm	07/01/2015 - 06/30/2016	PHF	\$41,102
Johnson, Carole	Health-related Quality of Life Benefits from Advanced Digital Technology Hearing Aids	07/01/2015 - 06/30/2016	OCAST	\$118,560
Johnson, Carole	Phenomenologic Analysis of Spanish-Speaking Patients' Experience of Hearing Healthcare	08/01/2015 - 07/31/2016	Association of Speech-Language-Hearing Association Grant Program for Projects on Multicultural Activities	\$9,906
Johnson, Carole	United Way for John W. Keys Speech and Hearing Center	07/01/2015 - 06/30/2016	United Way	\$48,283
SERVICE				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Geddes, Shelly	Cleft Lip/Palate Supplies	7/1/2015 - 06/30/2016	A Smile for a Child	\$2,172

# RESEARCH AND SCHOLARLY ACTIVITY

## Grant Proposals Submitted (continued)

NUTRITIONAL SCIENCES				
RESEARCH				
PI/Co-PIs	Project Title	Project Dates	Sponsor	Proposed
Sisson, Susan	Assessing Current Status of Nutrition and Wellness Components in Child Care Centers Participating in the CACFP	4/1/2015 - 03/31/2016	National Food Service Management Institute, University of Mississippi	\$16,165
Sisson, Susan	Preschools, Parents and Physicians: Working Together to Curb Obesity	07/01/2015 - 06/30/2016	Presbyterian Health Foundation Seed Grant Program	\$50,000
Sisson, Susan	Preschools, Parents and Physicians: Working Together to Curb Obesity	10/01/2015 - 09/30/2015	OCAST	\$135,000
Sisson, Susan	Preschools, Parents and Physicians: Working Together to Curb Obesity	07/01/2015 - 06/30/2017	OSCTR and Stephenson Cancer Center Match	\$124,000
TRAINING				
PI/Co-PIs	Project Title	Project Dates	Sponsor	Proposed
Knehans, Allen	Oklahoma Nutrition Information and Education (ONIE) Social Marketing Project	10/01/2014 - 09/30/2015	Oklahoma Department of Human Services	\$33,400
Knehans, Allen	Oklahoma Nutrition and Education (ONIE) Social Marketing Project (Sub-I)	10/01/2015 - 09/30/2017	Oklahoma Department of Human Services	\$14,306
REHABILITATION SCIENCES				
RESEARCH				
PI/Co-PIs	Project Title	Project Dates	Sponsor	Proposed
Andrew, Karol	Randomized Cross-over Clinical Trial Designed to Compare Two Methods of Treatment: Manual Physical Therapy (MPT) and Global Therapeutic Massage (GTM) among Patients with Somatic Pelvic Dysfunction and Mechanical Infertility	01/01/2015 - 12/31/2015	Sub-contract with Riverside Medical Center, Foundation for Physical Therapy Grant	\$3,838
Arnold, Sandra	Validating the School Outcome Measure (SOM): An Outcomes Measure for Students Who Receive School-based Occupational Therapy and Physical Therapy	08/01/2015 - 07/31/2019	Institute of Education Sciences/United States Department of Education	\$1,301,736

# RESEARCH AND SCHOLARLY ACTIVITY

## Grant Proposals Submitted (continued)

### REHABILITATION SCIENCES

#### RESEARCH

<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Dionne, Carol	Work Task Performance in Men with Diabetes and Transtibial Amputation	04/01/2015 - 03/31/2016	Harold Hamm Diabetes Center Seed Grant	\$44,702
Dionne, Carol	Work Performance in Med with Trans-femoral Amputation	08/01/2015 - 07/31/2018	OCAST	\$134,792
Dionne, Carol	Human Performance Analysis: Addressing Critical Research Needs to Translate from Clinic to Participation and Back	07/01/2015 - 06/30/2016	Presbyterian Health Foundation Equipment Grant Program	\$94,999
Hile, Elizabeth	Prevention, Education, and Rehab for Breast Cancer-Related Lymphedema, Balance and Shoulder Dysfunction	04/01/2015 - 03/31/2016	Komen Community Grant	\$165,913
Hile, Elizabeth	Preoperative Nutrition and Exercise Intervention to Improve Medical and Functional Outcome in Pancreatic Cancer	07/01/2015 - 06/30/2017	OSCTR and Stephenson Cancer Center Match	\$123,956
Jeffries, Lynn	Physical Therapy Related Child Outcomes in the Schools for Adolescents and Youth	07/01/2015 - 06/30/2018	Sub-contract with University of Kentucky, Institute of Education Sciences/USDE	\$79,484
Jeffries, Lynn	Developmental Trajectories of Impairments, Health, and Participation of Children with Cerebral Palsy (Subcontract)	07/01/2015 - 06/30/2016	University of Washington	\$45,399
Jones, Maria	A Novel Wheelchair Simulation System for Training Young Children with Severe Motor Impairments	04/01/2016 - 03/31/2019	UCO (NICHD Flow-Through)	\$179,006
Kolobe, Thubi	Utilizing Robotic-generated Data to Identify Human Movement Learning Patterns in Infants	06/01/2015 - 08/31/2015	EPSCOR	\$1,019
Mdzinarishvili, Alexander	Proneurogenic Effects of Novel NMDA Receptor Antagonist NGP1-01 under Brain Stroke Conditions	07/01/2015 - 06/30/2016	OCASCR	\$109,916
Mdzinarishvili, Alexander	Evaluation of Anti-edema Effects of Thyroid Hormones in MCAO Models of Brain Stroke	07/01/2015 - 06/30/2016	OSCTR	\$73,073

# RESEARCH AND SCHOLARLY ACTIVITY

## Grant Proposals Submitted (continued)

REHABILITATION SCIENCES				
SERVICE				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Daman, Rene	Connected Families: Building Your Village	10/01/2014 - 10/01/2015	Autism Speaks	\$4,800
Daman, Rene	Oklahoma Autism Network	07/01/2015 - 06/30/2016	Oklahoma Department of Human Services	\$505,341
TRAINING				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Jones, Maria	Web-based Preparation of Occupational and Physical Therapists to Provide Intervention and Related Services	01/01/2013 - 12/31/2014	U.S. Department of Education	\$249,998
Moulton, Camber	Making Connections: Using iPads to Improve Social Communication	10/01/2014 - 10/01/2015	Autism Speaks	\$5,000
			<b>TOTAL REQUESTED</b>	<b>\$4,781,608</b>

# RESEARCH AND SCHOLARLY ACTIVITY

## *Sponsored Contracts and Contract Proposals Submitted*

<b>COMMUNICATION SCIENCES AND DISORDERS</b>				
<b>SERVICE</b>				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Johnson, Carole	Speech, Hearing and Audiology Services	07/01/2015 - 06/30/2016	Oklahoma City Public Schools	\$40,000
Ryan, Mona	Teletherapy	8/15/2014 - 05/31/2015	Okmulgee Public Schools	\$39,500
<b>NUTRITIONAL SCIENCES</b>				
<b>TRAINING</b>				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Knehans, Allen	Curriculum and Instructional Support to King Saud bin Abdulaziz University for Health Sciences	02/15/2015 - 01/31/2018	King Saud bin Abdulaziz University	\$565,000
<b>REHABILITATION SCIENCES</b>				
<b>SERVICE</b>				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Daman, Rene	Work Adjustment Training	08/15/2014 - 06/30/2015	Oklahoma Department of Rehabilitation Services	\$9,500
Jones, Maria	Physical Therapy Services	10/01/2014 - 06/30/2015	Oklahoma Department of Human Services, Northern Oklahoma Resource Center of Enid (NORCE)	\$16,150
<b>TOLBERT CENTER</b>				
<b>SERVICE</b>				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Daman, Rene	Behavior Analyst Services	07/01/2015 - 06/30/2016	Norman Public Schools	\$10,000
Jones, Maria	Physical Therapy Services	07/01/2015 - 06/30/2016	Piedmont Public Schools	\$25,000
Jones, Maria	Physical Therapy Services	07/01/2015 - 06/30/2016	Stillwater Public Schools	\$25,000
Jones, Maria	Consultation Related to Physical Therapy, Occupational Therapy, and Durable Medical Equipment	07/01/2015 - 06/30/2016	Oklahoma Health Care Authority	\$90,000

# RESEARCH AND SCHOLARLY ACTIVITY

## *Sponsored Contracts and Contract Proposals Submitted (continued)*

<b>TOLBERT CENTER</b>				
SERVICE				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Jones, Maria	Physical Therapy Services	07/01/2015 - 06/30/2016	El Reno Public Schools	\$30,000
Jones, Maria	Early Intervention	07/01/2015 - 06/30/2016	Oklahoma State Department of Health	\$22,500
Jones, Maria	EFFORT - Occupational Therapy, Physical Therapy, Speech-Language Pathology and Assistive Technology Services for Oklahomans with Developmental Disabilities	07/01/2015 - 06/30/2016	Oklahoma Department of Human Services, Developmental Disabilities Services Division, Centers for Medicare	\$224,906
Jones, Maria	Physical Therapy Services	7/01/2015 - 6/30/2016	Crooked Oak Public Schools	\$6,800
SERVICE				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Proposed</i>
Daman, Rene	Work Adjustment Training	07/01/2015 - 06/30/2016	Oklahoma Department of Rehabilitation Services	\$9,000
			<b>TOTAL REQUESTED</b>	<b>\$1,113,356</b>
			Total Research Proposals	24
			Total Training Proposals	6
			Total Public Service Proposals	15
			Total Travel Grant Proposals	0
			<b>TOTAL PROPOSALS SUBMITTED</b>	<b>45</b>
			<b>TOTAL AMOUNT REQUESTED</b>	<b>\$5,894,964</b>

# RESEARCH AND SCHOLARLY ACTIVITY

## Awards Finalized

COMMUNICATION SCIENCES & DISORDERS				
RESEARCH				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Awarded</i>
Johnson, Carole	United Way for John W. Keys Speech and Hearing Center	07/01/2015 - 06/30/2016	United Way	\$33,332
SERVICE				
Johnson, Carole	Audiology Services for Purcell Public Schools	07/01/2014 - 06/30/2015	Purcell Public Schools	\$500
Johnson, Carole	Audiology Services for Oklahoma City Public Schools	07/01/2014 - 06/30/2015	Oklahoma City Public Schools	\$30,000
Ryan, Mona	Teletherapy	8/15/2014 - 05/31/2015	Okmulgee Public Schools	\$39,500
NUTRITIONAL SCIENCES				
RESEARCH				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Awarded</i>
Sisson, Susan	Formative Development of Interdisciplinary Obesity Prevention Intervention for Early Childhood	08/01/2014 - 06/30/2015	IT <sup>3</sup>	\$5,000
Sisson, Susan	Assessing Current Status of Nutrition and Wellness Components in Child Care Centers Participating in the CACFP	4/1/2015 - 03/31/2016	National Food Service Management Institute, University of Mississippi	\$16,165
Sisson, Susan	Preschools, Parents and Physicians: Working Together to Curb Obesity	07/01/2015 - 06/30/2016	Presbyterian Health Foundation Seed Grant Program	\$50,000
TRAINING				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Awarded</i>
Knehans, Allen	Curriculum and Instructional Support to King Saud bin Abdulaziz University for Health Sciences	03/15/2015 - 03/14/2018	King Saud bin Abdulaziz University	\$565,000

# RESEARCH AND SCHOLARLY ACTIVITY

## *Awards Finalized (continued)*

REHABILITATION SCIENCES				
RESEARCH				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Awarded</i>
Ciro, Carrie	High-dose, Mass Practice Intervention to Reduce ADL Disability in Dementia	10/01/2014 - 09/30/2016	Alzheimer's Association	\$99,967
Dionne, Carol	Work-related Performance Characteristics in Men with TTAT at Risk for Residuum Injury	10/01/2014 - 09/30/2015	Presbyterian Health Foundation	\$43,692
Dionne, Carol	Work Performance in Men with Trans-femoral Amputation	08/01/2015 - 07/31/2018	OCAST	\$134,792
Hile, Elizabeth	Prevention, Education, and Rehab for Breast Cancer-Related Lymphedema, Balance and Shoulder Dysfunction	04/01/2015 - 03/31/2016	Komen Community Grant	\$165,913
SERVICE				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Awarded</i>
Daman, Rene	Connected Families: Building Your Village	10/01/2014 - 10/01/2015	Autism Speaks	\$4,800
Daman, Rene	DRS Work Adjustment Training	08/15/2014 - 06/30/2015	Oklahoma Department of Rehabilitation Services	\$9,500
Daman, Renee	Oklahoma Autism Network	07/01/2014 - 06/30/2015	Oklahoma Department of Human Services	\$258,042
Daman, Renee	ConnectedKids Program and Board Certified Behavior Analyst Workforce Development	07/01/2014 - 06/30/2015	Oklahoma Department of Human Services	\$281,212
Jones, Maria	Physical Therapy Services	07/01/2014 - 09/30/2014	NORCE (Northern Oklahoma Resource Center and Robert M. Greer Center)	\$44,200
Jones, Maria	Early Intervention (Amendment to original contract for \$10,000, Total=\$22,500)	07/01/2013 - 06/30/2014	Oklahoma State Department of Health	\$22,500
Jones, Maria	Consultation Related to Physical Therapy (PT), Occupational Therapy (OT), and Durable Medical Equipment (DME)	07/01/2014 - 06/30/2015	Oklahoma Health Care Authority	\$90,000



# RESEARCH AND SCHOLARLY ACTIVITY

## Awards Finalized (continued)

REHABILITATION SCIENCES				
RESEARCH				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Awarded</i>
Jones, Maria	Physical Therapy Services	10/01/2014 - 06/30/2015	Oklahoma Department of Human Services, Northern Oklahoma Resource Center of Enid (NORCE)	\$16,150
Jones, Maria	EFFORT - Occupational Therapy, Physical Therapy, Speech-Language Pathology and Assistive Technology Services for Oklahomans with Developmental Disabilities	07/01/2014 - 06/30/2015	Oklahoma Department of Human Services, Developmental Disabilities Programs and Services, Centers for Medicare	\$238,799
TRAINING				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Awarded</i>
Jones, Maria	Web-based Preparation of Occupational and Physical Therapists to Provide Intervention and Related Services	01/01/2013 - 12/31/2014	U.S. Department of Education	\$249,998
TOLBERT CENTER				
SERVICE				
<i>PI/Co-PIs</i>	<i>Project Title</i>	<i>Project Dates</i>	<i>Sponsor</i>	<i>Awarded</i>
Daman, Rene	Behavior Analyst Services	07/01/2015 - 06/30/2016	Norman Public Schools	\$10,000
Jones, Maria	Physical Therapy Services	07/01/2015 - 06/30/2016	El Reno Public Schools	\$30,000
Jones, Maria	Physical Therapy Services	07/01/2015 - 06/30/2016	Piedmont Public Schools	\$25,000
			<b>TOTAL AWARDS FINALIZED</b>	<b>25</b>
			<b>TOTAL AMOUNT</b>	<b>\$2,464,062</b>

# RESEARCH AND SCHOLARLY ACTIVITY

## Faculty Scholarly Activities

### *Published Articles*

**Bagley, J.E., Randall, K., & Anderson, M.P.** (Jan. 10, 2015) A comparison of sonography and radiography student scores in a cadaver anatomy class before and after the implementation of synchronous distance education. *Ultrasound OnlineFirst*. doi:10.1177.1742271X14567173

**Bagley, J.E., Stamile, E., Berry, J.L., DiGiacinto, D.** (January 2015). Case report: Median arcuate ligament syndrome diagnosed with computed tomography and Doppler Ultrasonography. *Radiologic Technology*. 2015;86(3): 238-245.

**Bagley, J., Berry, J., DiGiacinto, D., Stamile, E.** Case report: Median arcuate ligament syndrome diagnosed by computed tomography and Doppler ultrasonography. *Radiology Technology*. 2015;86(3):238-245.

**Bagley, J., DiGiacinto, D., Lawyer, J., Anderson, M.** Frequently updating Facebook statuses may put students at risk for violating HIPAA: A pilot study. *Journal of Diagnostic Medical Sonography*. 2014;30(3):114-120. doi:10.1177/8756479314530509.

**Bagley, J., DiGiacinto, D., Hargraves, K.** Imaging professionals' views of social media and the implications. *Radiologic Technology*. 2014;85(4):377-389. ISSN: 0033-8397 PMID: 24614434

**Bagley, J.E., Davis, M.B.** Cyst of canal of nuck. *Journal of Diagnostic Medical Sonography*. 2015;31(2):111-114. doi:10.1177/8756479314557277.

**Ciro, C.A., Poole, J.L., Skipper, B., Hershey, L.A.** Comparing differences in ADL outcomes for the STOMP intervention for dementia in the natural home environment versus a clinic environment. *Austin Alzheimers J Parkinsons Dis*. 2014;1(1):7.

**Ciro, C.A., Dung Dao, H., Anderson, M., Robinson, C.A., Hamilton, T.B., & Hershey, L.** (2014). Improving daily life skills in people with dementia: Testing the STOMP intervention model. *J Alzheimers Dis Parkinsonism* 4: 165. doi:10.4172/2161-0460.1000165

**Ciro, C., Anderson, M., Hershey, L., Prodan, C., and Holm, M.** Instrumental activities of daily performance and role satisfaction in people with and without mild cognitive impairment: A pilot project. *American Journal of Occupational Therapy*. (69), 6903270020p1-6903270020p10. doi:10.5014/ajot.2014.015198.

**Ciro, C., Randall, K., Robinson, C., Loving, G., Shortridge, A.** Telehealth and Interprofessional Education. *OT Practice*. April 27, 2015. <http://www.aota.org/publications-news/otp/archive/2015/04-27-15.aspx>

**Ciro, C.A., Randall, K., Robinson, C., Loving, G., and Shortridge, A.** (2015). Preparing occupational therapy students for the future of healthcare by incorporating telehealth into interprofessional education. *OT Practice*, 20(7), 7-10.

**Ciro, C.A., Anderson, M.P., Hershey, L., Prodan, C., and Holm, M.** (2015). A comparison of instrumental activities of daily living and role satisfaction in people with and without mild cognitive impairment: A pilot project. *American Journal of Occupational Therapy*. 69, 6903270020p1-6903270020p10. doi:10.5014/ajot.2014.015198.

**DiGiacinto, D., Bagley, J., Cooke, S.** The use of a reference tool to help sonographers improve their monitoring of mechanical and thermal indices in obstetric sonography examinations. *Journal of Diagnostic Medical Sonography*. 2015: March/April. doi:10.1177/8756479324567308.

**DiGiacinto, D., Gildon, B., Stamile, E., Aubrey, J.** Weight biased health professionals and the effects on overweight patients. *Journal of Diagnostic Medical Sonography*. 2015;31(2):132-135. doi:10.1177/8756479314557278.

**DiGiacinto, D., Bagley, J., Cooke, S., Anderson, M.** The use of a reference tool to help sonographers improve their monitoring of mechanical and thermal indices in obstetric sonography examinations. *Journal of Diagnostic Medical Sonography*. May/June 2015: doi:10.1177/8756479314567308.

**Dionne, C.P., Smith, B.J., Ashikayan, O., Martin, M., Li, S. and Fung, T.** Pilot study: Characteristics of lumbar disc disease in patients who centralize symptoms. *Physical Medicine and Rehabilitation International*, 2015;2(2): 1031.

**Dionne, C.P., LaRosa, Aranda, M., Crawford, D.A., Ertl, W.J.J.** (2015). Examination of work-related activity performance in selected men with traditional or osteomyoplastic transtibial amputation due to trauma. *Journal of Orthopaedic Physical Therapy Practice*.

## RESEARCH AND SCHOLARLY ACTIVITY

### Published Articles (continued)

Nagykaldi, Z., Jordan, M., Quitoriano, J., **Ciro, C.**, and Mold, J. (2014). User-Centered Design and Usability Testing of an Innovative Health-Related Quality of Life Module. *Applied Clinical Informatics*, 5(4):958-970.

**DeGrace, B.W.**, Hoffman, C., Hutson, T.L., **Kolobe, T.H.A.** (2014) Families' experiences and occupations following the diagnosis of autism. *Journal of Occupational Science*, 21:3, 309-321, DOI: 10.1080/14427591.2014.923366 <http://dx.doi.org/10.1080/14427591.2014.923366>

**Dionne, C.P.**, Ertl, W.J.J., Day, J.D., Smith, B.J., Commuri, S., Regens, J.L., Mai, A. (2014). A cross-sectional study of residuum measures during gait and work-related activities in men with transtibial amputation due to a traumatic event. *Journal of Prosthetics and Orthotics*, 26(3), 128-133.

LaForme, F.A., Chiarello, L.A., Bartlett, D., Palisano, R.J., **Jeffries, L.**, Almasri, N., Chang, H.J. (2014) Family ecology of young children with cerebral palsy. *Child: Care, Health and Development*. 40(4): 562-571.

**John, A.B., Wolfe, J.**, Schafer, E., **Hudson, M.**, Woods, W., Wheeler, J., Hudgens, K., & Neumann, S. (2014). Evaluation of wideband frequency responses and non-linear frequency compression for children with cookie-bite audiometric configurations. *Journal of the American Academy of Audiology*. 25(10), 1022-1033.

Wolfe, J., Schafer, E., Mills, E., **John, A.B., Hudson, M.**, Anderson, S. (2015). Evaluation of the benefits of binaural hearing on the telephone for children with hearing loss. *Journal of the American Academy of Audiology*. 26(1), 93-100.

Wolfe, J., **John, A.B.**, Schafer, E., **Hudson, M.**, Boretzki, M., Scollie, S., **Woods, W., Wheeler, J.**, Hudgens, K., & Neumann, S. (March 2015). Evaluation of wideband frequency responses and non-linear frequency compression for children with mild to moderate high-frequency hearing loss. *International Journal of Audiology*, 54(1), 170-181.

Wolfe, J., Duke, M., Schafer, E., Jones, C., Mulder, H., **John, A.B., Hudson, M.** (June 24, 2015). Evaluation of performance with an adaptive, digital remote, microphone system and a digital remote microphone audio streaming accessory system. *American Journal of Audiology*. doi:10.1044/2015\_AJA-15-0018.

Gaeta, L., **John, A.B.** (2015). Considerations in speech recognition testing for Spanish-speaking patients, part 1: Adults and older children. *Journal of Educational, Pediatric, and (Re)Habilitative Audiology*. 21.

Gaeta, L., **John, A.B.** (2015). Considerations in speech recognition testing for Spanish-speaking patients, part 2: Young children. *Journal of Educational, Pediatric, and (Re)Habilitative Audiology*. 21.

Fu J, **Jones M.**, Jan Y. Development of intelligent model for personalized guidance on wheelchair tilt and recline usage for people with spinal cord injury: Methodology and preliminary report. *J Rehabil Res Dev*. 2014;51(5):775-88. <http://dx.doi.org/10.1682/JRRD.2013.09.0199>

Fu, J., **Jones, M.**, & Jan, Y.K. (November 2014). Development of intelligent model for personalized guidance on wheelchair tilt and recline usage for people with spinal cord injury: Methodology and preliminary report. *Journal of Rehabilitation Research and Development*. Vol. 51(5), 775-787. <http://dx.doi.org/10.1682/JRRD.2013.09.0199>.

Nesbit, K.C., **Kolobe, T.H.A., Arnold, S.H., Sisson, S.B.**, Anderson, M.P. (August 2014). Proximal and Distal Environmental Correlates of Adolescent Obesity. *Journal of Physical Activity and Health*. 2014(11) 1179-1186. <http://dx.doi.org/10.1123/jpah.2012-0245>.

Nesbit, K., **Kolobe, T.H., Sisson, S.**, Ghement, I.R. (September 2014). A model of environmental correlates of adolescent obesity in the United States. *Journal of Adolescent Health*. 55(3), 394-401.

Wilson, R.A., **Kolobe, T.H.A., Arnold, S.H., McEwen, I.R.** (February 2015). Concurrent validity of the school outcomes measure (SOM) and pediatric evaluation of disability inventory (PEDI) in preschool-age children. *Physical & Occupational Therapy in Pediatrics*, 35(1): 40-53.

**Lora, K., Sisson, S.**, Morris, A., & **DeGrace, B.** Associations of frequency of family meals with 6-11 year old children's social behaviors. *Journal of Family Psychology*, Vol 28(4), Aug 2014, 577-582. doi: 10.1037/fam0000014

Prehn, J., **McEwen, I., Jeffries, L., Jones, M.**, Daniels, T., Goshom, E., & Marx, C. Decreasing sound and vibration during ground transport of infants with very low birth weight. *Journal of Perinatology*, 2014 Nov 27, doi:10.1038/jp.2014.172.

Sadana, P., Coughlin, L., Burke, J., Woods, R., **Mdzinarishvili, A.** Anti-edema action of thyroid hormone in MCAO model of ischemic brain stroke: possible association with AQP4 modulation. *Journal of the Neurological Sciences*. April 23, 2015. doi:10.1016/j.jns.2015.04.042

**Randall, K., Hudson, M., & Isaacson, M.** (2014). Formalizing a college diversity statement. *Journal of Best Practices in Health Professions Diversity*. 7(1): 941-953.

Frampton, A.M., **Sisson, S.B.**, Campbell, J.E., Horm, D.M. What's for Lunch? An Analysis of Oklahoma Child Care Menus. (2014). *Journal of the Academy of Nutrition and Dietetics (2013 Impact Factor 3.797)*, 114 (1367-1374). PMID 24332085

# RESEARCH AND SCHOLARLY ACTIVITY

## *Published Articles (continued)*

Dennison, M., **Sisson, S.B.**, Stephens, L., **Lora, K.**, Caudillo, C., Copeland, K. Assessment of sugar sweetened beverage intake, physical activity behaviors and body mass index of American Indian children in rural and urban Oklahoma. *Journal of Community Health*. doi:10.1007/s10900-015-0004-6.

Swyden, K., **Sisson, S.B.**, Sheffield-Morris, A., Copeland, K., **Lora, K.**, Weedn, A., **DeGrace, B.** Relationship between parental concern and perception of child weight and obesogenic parenting practices. *Advances in Pediatric Research*. doi: <http://dx.doi.org/10.12715/apr.2015.2.12>

## *Books/Book Chapters*

Burlis, T., Deusinger, S. & **Bender, D.** (2015). Behavioral, Social, and Environmental Factors Contributing to Disease and Dysfunction. In C. Goodman & K. Fuller (Eds.), *Pathology for the Physical Therapist*. (pp 16-53) Missouri: Elsevier.

Smaldino, J., Kreisman, B., **John, A.B.**, & Bondurant, L. (2014). Room acoustics and rehabilitation technology. In Katz, J., Chasin, M., Hood, L.J., & Tillery, K.L. (eds.) *Handbook of Clinical Audiology*, 7th Edition (pp 675-702). Philadelphia: Wolters Kluwer Health.

Kreisman, B., Smart, J., **John, A.B.** (2014). Diagnostic audiology. In Katz, J., Chasin, M., Hood, L.J., & Tillery, K.L. (eds.) *Handbook of Clinical Audiology*, 7th Edition (pp 119-134). Philadelphia: Wolters Kluwer Health.

## *Editor/Editorial Boards/Editorial Reviewers*

**John, A.B.** Educational Audiology Review, Editor; Journal of Educational Audiology, Associate Editor

## *Presentations*

**Arnold, S., DeGrace, B.** (Oct. 24, 2014). Health and wellness through community analysis and community building. The Section on Pediatrics Annual Conference, St. Louis, MO.

**Berry, J.** (March 2015). Computed tomography: A historical perspective. The 69th Annual Oklahoma Society of Radiologic Technologist Conference. Oklahoma City, OK.

**Bagley, J.** (July 25, 2014). Benign ovarian masses detected by sonography: How can we be sure? Invited presentation. Innovations for Imaging. Orlando, FL.

**Berry, J.** (March 2015). Personalized medicine and its application in medical imaging. The 69th Annual Oklahoma Society of Radiologic Technologist Conference. Oklahoma City, OK.

**Bagley, J.** (January 12, 2015). Congenital uterine anomalies. The Oklahoma Sonographer Society. Tulsa, OK with broadcast to Oklahoma City, OK.

**Berry, J.** (April 2015). Personalized medicine and its application in medical imaging. The 67th Annual Arkansas Society of Radiologic Technologist Conference. Jonesboro, AR.

**Baldwin, J., Winters, G.** (Oct. 4, 2014). PET/CT link between radiation therapy and planning. 2014 Fall Southwestern Chapter Society of Nuclear Medicine Meeting. Tulsa, OK.

**Ciro, C., Randall, K., Ross, H., Shortridge, A., Ellison, G., Loving, G., & Carithers, C.** (2014). Readiness for interprofessional learning in a sample of nurse practitioner, occupational therapy, and physical therapy students. Association of Schools of Allied Health Professions. Las Vegas, NV.

**Baldwin, J., Winters, G.** (Nov. 1, 2014). PET/CT link between radiation therapy and planning. 2014 Fall Oklahoma Society of Radiologic Technology. Oklahoma City, OK.

**Barbee, C.M., Crumrine, D., McAteer, W., John, A.B.** (2015, March). Using work systems to obtain hearing screening results for children with autism spectrum disorder. Poster. American Academy of Audiology AudiologyNOW! Conference, San Antonio, TX.

**Ciro, C., Poole, J., Skipper, B., Robinson, C., Hamilton, T., Hershey, L. & Knoefel, J.** (2014). Comparing treatment outcomes of the STOMP dementia intervention delivered in the home vs. clinic environments. Gerontological Society of America. Washington, DC.

# RESEARCH AND SCHOLARLY ACTIVITY

## *Presentations (continued)*

**Ciro, C.**, Poole, J., Skipper, B., **Robinson, C., Hamilton, T.**, Hershey, L. & Knoefel, J. (2014). Comparing treatment engagement of the STOMP intervention when delivered in the home vs. clinic environments. Gerontological Society of America. Washington, DC.

**Ciro, Carrie A.**, Poole, J., Robinson, C.A., Hamilton, T., Hershey, L. (April 2015). Does context of delivery affect ADL improvement and retention using the STOMP dementia intervention? College of Allied Health Research Day. Oklahoma City, OK.

Medina, M., **DiGiacinto, D.** (September 2014). Exploring instructional strategies. Faculty Leadership Program, OUHSC.

**DiGiacinto, D.** (October 2014). The flipped classroom: An approach to motivate deeper learning in students. Society of Diagnostic Medical Sonography Webinar Series.

**DiGiacinto D. (March 2015).** Practical ways to reduce student cheating. Society of Diagnostic Medical Sonography Webinar Series.

**Dionne, C.**, Crawford, D. (April 22-25). Factors Influencing Physical Activity Participation in transtibial Amputees. 36th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine. San Antonio, TX.

Winn, J., **Grantham, V.** (June 9, 2014). Joint Review Committee on Educational Programs in Nuclear Medicine Technology Accreditation Workshop: Educator's Track. Presented at Society of Nuclear Medicine and Molecular Imaging Annual Meeting. St. Louis, MO.

Winn, J., **Grantham, V.** (June 9, 2014). Joint Review Committee on Educational Programs in Nuclear Medicine Technology Update 2014. Joint Review Committee on Educational Programs in Nuclear Medicine Technology Forum. Presented at Society of Nuclear Medicine and Molecular Imaging Annual Meeting. St. Louis, MO.

Fisher, M.I., Huang, M.H., **Hile, E.S.** (February 2015). Oncology Breast Cancer EDGE: Clinical measures of functional mobility, balance, and peripheral neuropathy. American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN.

McCoy, S., **Jeffries, L.**, Effgen, S., Chiarello, L. (Oct. 24, 2014). PT COUNTS: Relationship of school-based physical therapy services to student outcomes. Section on Pediatrics Annual Conference. St. Louis, MO.

Effgen, S., Chiarello, L., McCoy, S., **Jeffries, L.** (Oct. 24, 2014). PT COUNTS: Student outcomes after school-based physical therapy. Section on Pediatrics Annual Conference. St. Louis, MO.

**Jeffries, L.**, Effgen, S.K., McCoy, S.W., Chiarello, L. (February 2015). School-based physical therapy service: An analysis of individualized student outcomes using goal attainment scaling. American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN.

**John, A.B.** (October 2014). Consumer access and attitudes regarding hearing assistive technology. Oklahoma Speech-Language-Hearing Association Annual Meeting. Tulsa, OK.

Mills, E., Wolfe, J., Schafer, E., **John, A.B., Hudson, M.** (2014 October). Benefits of binaural streaming telephone technology in children with hearing impairment. Oklahoma Speech-Language-Hearing Association Annual Meeting. Tulsa, OK.

Howerton, K., & **John, A.B.** (October 2014). Dangerous decibels: Applications for adult and pediatric audiences. Oklahoma Speech-Language-Hearing Association Annual Meeting. Tulsa, OK.

**John, A.B.**, Kreisman, B., Vinay, **Walbom, M.** (2015, March). Test-retest reliability of ultra high-frequency audiometry using pure tones and narrow-band noise. Poster. American Academy of Audiology AudiologyNOW! Conference, San Antonio, TX.

**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. College of Allied Health Research Day. Oklahoma City, OK.

**Kolobe, T.H.A.** (August 2014). Sensor robotic technology and movement learning in infants with and without risk for cerebral. Invited presentation. University of Southern California.

**Kolobe, T.H.A.** (September 2014). Human-Robot interface in very young infants during the development of prone locomotion. Invited presentation. University of Southern California.

**Kolobe, T.H.A.**, Fagg, A.H. (September 2014). The effect of sensor robotic technology on the development of prone mobility in infants with or at risk for cerebral palsy. Peer reviewed presentation. American Academy of Cerebral Palsy and Development Conference. San Diego, CA.

**Kolobe, T.H.A.**, Heathcock, J., Prosser, L., Gordon, A. (September 2014). Linking structure and function: Dosing parameters and protocols for current and novel therapies to improve motor function outcomes in cerebral palsy. Peer reviewed presentation. American Academy of Cerebral Palsy and Development Conference. San Diego, CA.

**Kolobe, T.H.A.** (Oct. 2014). Using sensor robotic technology to promote self-initiated prone locomotion in infants with and without risk for cerebral palsy. University of California at Berkeley, CA.

# RESEARCH AND SCHOLARLY ACTIVITY

## *Presentations (continued)*

**Kolobe, T.H.A.** & Moreau, N. (October 2014). Structural changes in brain, muscle, and bone in CP: Implications for practice. Physical Therapy Association of Washington Annual Conference, Seattle, WA.

**Kolobe, T.H.A.** & Moreau, N. (October 2014). Dosing of interventions to improve neuroplastic changes and functional outcomes in cerebral palsy. Physical Therapy Association of Washington Annual Conference, Seattle, WA.

**Kolobe, T.H.A.** & Moreau, N. (October 2014). Measuring outcomes of interventions for children with cerebral palsy. Physical Therapy Association of Washington Annual Conference, Seattle, WA.

**Kolobe, T.H.A.**, Fagg, A., Pidcoe, P., & Miller, D. (2014). The effect of robotic reinforced movement learning technology on the development of prone mobility in infants at low and high risk for cerebral palsy. Society for Neuroscience Annual Conference. Washington, DC.

Fagg, A., Ding, L., **Kolobe, T.H.A.**, & Miller, D. (2014). Robot assistants for promoting crawling and walking in children at risk of cerebral palsy. National Robotics Initiative 2014 PI Meeting. Arlington, VA.

Bulanda, M., **Kolobe, T.H.**, Straube, D.D., **Arnold, S.**, Brown, D., **Rauh, L.** (February 2015). Comparison of early movement learning strategies in infants with different prone locomotion outcomes following training on the self-initiated prone progression crawler. American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN.

**Kolobe, T.H.**, Fagg, A., Pidcoe, P., Brown, D., Bulanda, M., **Rauh, L.** (February 2015). Development of prone locomotion in infants with or at risk for cerebral palsy. American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN.

Wrotniak, B.H., O'Neil, M., Gorman, I., Rogozinski, B., **Kolobe, T.H.**, White, N., Frohlich, M., Brown, K. (February 2015). Pediatric obesity, part 1: Research agendas and health policy. American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN.

Cox, P., **Kolobe, T.H.**, Fagg, A.H., Schmiedeberg, T. Prone locomotion in infants with down Syndrome using the SIPPC: A pilot study. American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN.

**Kolobe, T.H.A.** (April 2015). Structural changes in brain, muscle and bone in CP: Implications for practice. Colorado American Physical Therapy Association Conference. Keystone, CO.

**Kolobe, T.H.A.** (April 2015). Dosing of interventions to improve neuroplastic changes and functional outcomes in cerebral palsy. Colorado American Physical Therapy Association Conference. Keystone, CO.

**Kolobe, T.H.A.** (April 2015). Measuring outcomes of interventions for children with cerebral palsy. Colorado American Physical Therapy Association Conference. Keystone, CO.

**Kolobe, T.H.A.**, Fagg, A.H., Pidcoe, P., Miller, D. Effect of robotic reinforced movement learning technology on the development of early mobility in infants. College of Allied Health Research Day. Oklahoma City, OK.

Ghazi, M., Nash, M., Fagg, A., Ding, L., **Kolobe, T.**, Miller, D. (June 25, 2015). Novel assistive device for teaching crawling skills to infants. Field and Service Robotics. Toronto, Canada.

**Randall, K., Ciro, C.**, Ross, H., Shortridge, A., Ellison, G., Loving, G., & Caithers, C. (2014). Use of telehealth technology in educating rehabilitation sciences and nursing students for interprofessional team-based care. Association of Schools of Allied Health Professions. Las Vegas, NV.

**Ryan, M.**, Wheat, K., (2014). Speech-language pathology assistants (SLPAs) in Oklahoma: Who are they academically and clinically and what do they contribute to SLP services? Poster. American Speech-Language-Hearing Association Schools Conference. Pittsburg, PA.

**Ryan, M.**, Wheat, K., 2014, Speech-language pathology assistants (SLPAs) in Oklahoma: Who are they academically and clinically and what do they contribute to SLP services? Poster. Annual Conference of the Oklahoma Speech-Language-Hearing Association. Tulsa, OK

**Ryan, M.**, & Wheat, K. (2014). Speech-language pathology assistants (SLPAs) in Oklahoma: Who are they academically and clinically and what do they contribute to SLP services? Poster. Annual Convention of the American Speech-Language-Hearing Association Schools Conference. Orlando, FL.

**Turner, P.** (September 2014). Engage, Evolve, and Educate You and YOUR Data. Oklahoma Academy of Nutrition and Dietetics Fall Symposium. University of Central Oklahoma, Edmond, OK.

**Turner, P.** (October 21, 2014). Recipe for interprofessional education and collaboration. Food and Nutrition Conference and Expo. Atlanta, GA.

**Turner, P.** (October 22, 2014). An EPIC project: From classroom to clinic. Association of Schools of Allied Health Professions. Las Vegas, NV.

**Turner, P.** (November 7, 2014). EPIC. 7th Annual Oklahoma Service Learning Conference. Norman, OK.

**Turner, P.** (April 10, 2015). Flipping your classroom 101. Nutrition and Dietetic Educators and Preceptors Areas 6 & 7 Meeting. State College, PA.

# RESEARCH AND SCHOLARLY ACTIVITY

## Research News and Other Notable Activities

**Dionne, C.** (Sept. 3, 2014). National Commission on Orthotic and Prosthetic Education, attended Board of Directors Meeting, Las Vegas, NV.

**Mary Isaacson**, EdD, OTR/L, ATP, named Fellow by the American Occupational Therapy Association.

**Carole E. Johnson**, chosen to participate in the Oklahoma Shared Clinical and Translational Resources, Translating Practice into Research program.

**Kolobe, T.H.A.** Co-Mentor for M. Horn, New Investigator Fellowship Training Initiative Award. Foundation for Physical Therapy, \$78,000, 2014-2016.

**Thubi Kolobe**, OU Patent Award: Self-Initiated Prone Progression Crawler: # 8,942,874 B2. United States Patent

**Thubi Kolobe**, 6 Year Appointment, NIH Motor Function, Speech and Rehabilitation Study Section

**Thubi Kolobe.** (June 5, 2015). OU Researchers Test Robot Designed to Help Babies with Disabilities. <http://www.news9.com/story/29253769/ou-researchers-test-robot-designed-to-help-babies-with-disabilities>

**Susan Tucker**, MPH, OTR/L, named Fellow by the American Occupational Therapy Association.

## Grant Reviewers

**John, A.B.** served on grant review section for audiology, American-Speech-Language-Hearing Association (ASHA) Foundation Student Research Grant Program.

**Thubi Kolobe**, National Institutes of Health National Institute of Human and Child Development Study Section Meeting.

## Honors and Recognition

**Carol Dionne**, Oklahoma IDeA Network of Biomedical Research Excellence (INBRE) mentorship, Eugene De Loache (INBRE Scholar) Summer 2015, Project: Perceived and Tested Work Capacity in Employed and Unemployed Men with Osteomyoplastic Transtibial Amputation. PI: Akins, Total funding, \$2,200.

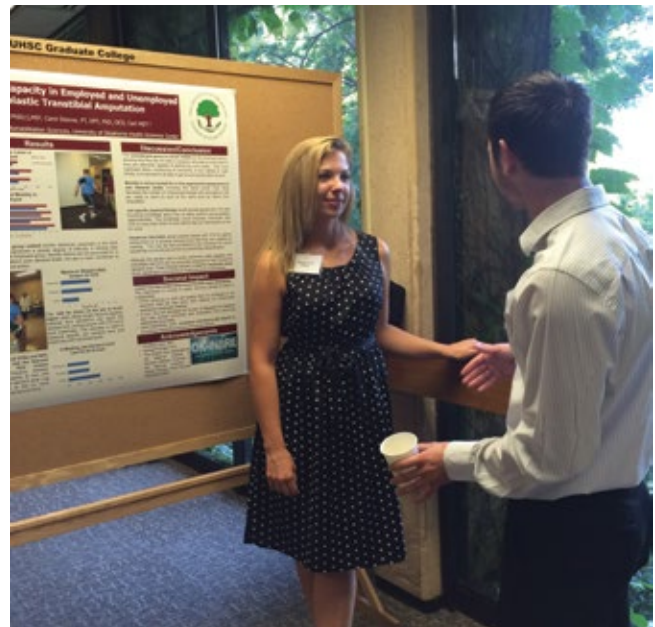
**Mary Isaacson**, Professor Paws Project, awarded \$5,000 from Tulsa Area United Way

Alpha Eta Initiates: **Carole Johnson, Susan Sisson, Peggy Turner, Shirley James.**

**Thubi Kolobe**, World Confederation for Physical Therapy 2015 outstanding platform presentation award from the North America Caribbean Region in respect of abstract, Effectiveness of reward-and error-based movement learning in enhancing self-initiated prone locomotion in infants with or at risk for cerebral palsy. Singapore.

**Ken Randall**, Oklahoma Physical Therapy Association Kennett Ball Service Award

**Mona Ryan**, American Speech-Language-Hearing Foundation State Clinical Achievement Award acknowledging recent contributions to clinical practice through advocating for legislation to support a salary supplement for school based speech-language pathologists, audiologists and school psychologists as well as securing funding within the state budget to pay incentives.



*Adelaide South, INBRE Scholar, mentored by Dr. Carol Dionne*

# RESEARCH AND SCHOLARLY ACTIVITY

## College of Allied Health Research Day

### *Thesis/Dissertation*

**Derick Deweber**, Ph.D., successfully defended his dissertation, Acoustic correlates of second language word repetition: An investigation into the influence of native and non-native prosodic patterns in late listeners of the English language.

### *Published Articles*

**Gaeta, L.**, John, A.B. (2015). Considerations in speech recognition testing for Spanish-speaking patients, part 1: Adults and older children. *Journal of Educational, Pediatric, and (Re)Habilitative Audiology*. 21.

**Gaeta, L.**, John, A.B. (2015). Considerations in speech recognition testing for Spanish-speaking patients, part 2: Young children. *Journal of Educational, Pediatric, and (Re)Habilitative Audiology*. 21.

### *Presentations*

**Smith, Kyle**. (November 2014). Investigating the research and development and marketing strategy for Project Hexa. The Center for the Creation of Economic Wealth. Norman, OK.

Dionne, C., **Crawford, D.** (April 22-25). Factors Influencing Physical Activity Participation in transtibial Amputees. 36th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine. San Antonio, TX.

### *Oral Presentations*

**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.

**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.

**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.

**Braun, Meredith**, Carver, B., Hobson, A., Kennedy, A., Perdue, L., Wood, T. Community inclusion for children with developmental disabilities in Edmond, OK.

### *Poster Presentations*

**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.

**Bruce, C.**, Henning, E., McKnight, A. Can adenomyosis and leiomyomas be differentiated using sonography?

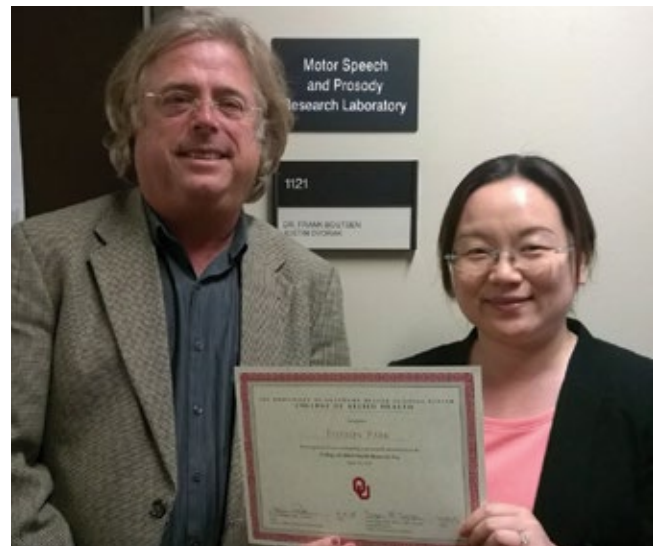
**Conaway, M.**, Isaacson, M. Positive behavior support (PBS) for children with autism spectrum disorder (ASD): A critically appraised topic.

**Cox, A.**, Hamilton, T. Comparison of pressure relief wheelchair cushions for adults with spinal cord injury: A critically appraised topic.

**Dionne, C.P.**, Smith, B.J., Ashikayan, O., Fung, T. Characteristics of lumbar disc disease in patients who centralize symptoms.

**Fields, R.**, Beguin, M. How does inconsistency in breathing techniques affect inferior vena cava measurements when assessing pathologies using ultrasound?

**Gaeta, L.**, John, A.B. "No hablo español": Identifying disparities in hearing healthcare for Spanish-speaking patients in the United States.



*Mentor, Dr. Frank Boutsen, and Research Day Student Oral Presentation winner, Eunsun Park*



## RESEARCH AND SCHOLARLY ACTIVITY

### Poster Presentations (continued)

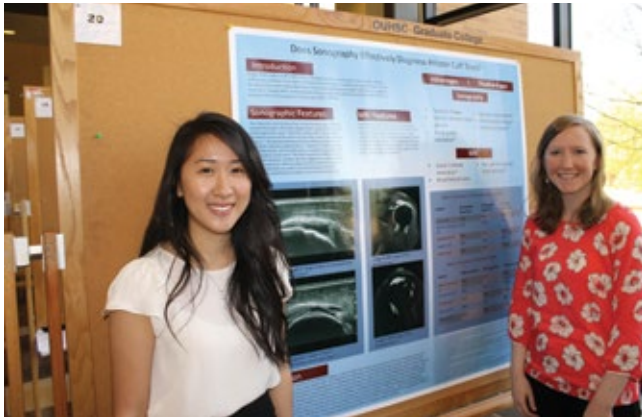
**Hobson, A.**, Hamilton, T. Job coaching and individualized employment supports increasing likelihood of employment for adults with developmental disabilities.

**Howerton, K.M.**, John, A.B. Dangerous decibels for college-aged students.

**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.

**Jilla, A.M.**, Winkler, K.R., Johnson, C.E., Danhauer, J.L. Moving the ambivalent patient: Applications of motivational interviewing in audiology.

**Johnson, M.**, Nguyen, J. Sonography: Does it effectively diagnose rotator cuff tears?



Research Day poster presentation, Jessica Nguyen and Molly Johnson

**Jones, H.**, John, A.B., Gaeta, L. Real-world factors affecting accuracy and precision of sound level measurement using smartphone applications.

**Krampe, M.A.**, Anundson, K., Sisson, S.B. Obesity prevention interventions and the use of theoretical framework in child care: A review.

**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.

**Lunsford, J.**, Dvorak, J., Boutsen, F. Phonemic geminates as durational attractors in linguistic prosody.

**Mdzinarishvili, A.**, Geldenhuys, W.J. mitoNEET agonist NL-1 promotes cell proliferation in hippocampal dentate gyrus.

**Mills, E.**, Wolfe, J., Schafer, E., John, A.B., Hudson, M. Benefits of binaural streaming telephone technology in children with hearing impairment.

**Myers, J.**, Kimball, S., Fruits, T., John, A.B. Prevalence of tinnitus and noise induced hearing loss in Oklahoma dentists.

**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.

**Perdue, L.**, Ciro, C.A. Wii-based training to improve gross motor function and functional mobility in children with cerebral palsy.

**Peters, M.K.**, Arnold, S.H., DeGrace, B., Fisher, M.J., Carlson, K.N., Dout, A.E. Exploring the Oklahoma Lend Learning Experience.

**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.

**Schumpert, K.**, Porter, A., Schmiedeberg, T., Rauh, L., Bulanda, M., Kolobe, T. The relationship between cognition and motor development of prone locomotion.

**Sneed, K.**, Dvorak, J., Park, E., Ross, E., Boutsen, F. Processing of facial emotions in healthy adults.

**Steen, L.**, Schmidt, L. Evaluating rheumatoid arthritis related bone erosions: A comparison of imaging modalities.

**Stroup, M.**, Ciro, C.A. Mindfulness-based stress reduction for decreasing anxiety in adults with breast cancer: A critically appraised topic.

**Sublett, A.**, Isaacson, M. Using the alert program to increase self-regulation skills in children with challenging behaviors.

**Wetch, E.**, Ciro, C. Low-level laser therapy provides short-term improvement of carpal tunnel symptoms: A critically appraised topic.

**White, M.**, Crumrine, D. Receptive retention of novel words and images in children with autism spectrum disorder.

**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.

**Winkler, K.**, Johnson, C., Jilla, A., Sullivan, J.C. Yoga as a form of vestibular rehabilitation: A systematic review with meta-analysis.