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**EDUCATION**

2010 University of Texas Graduate School of Biomedical Sciences, MS in Medical Physics  
2004 University of Southern Mississippi, BS in Physics

**EXPERIENCE**

2010-Present Medical Physicist, National Physics Consultants, Ltd.  
2004-2006 Physics Technologist, University of Texas MD Anderson Cancer Center

**PROFESSIONAL MEMBERSHIPS**

Full Member, American Association of Physicists in Medicine

**ABSTRACTS & PUBLICATIONS**

“Evaluation of the Quantitative Error of a Commercially-Available Positron Emission Mammography Scanner,” A Springer, O Mawlawi. *Med Phys.* (*accepted*)

“Evaluation of the Quantitative Error of a Commercially-Available Positron Emission Mammography Scanner,” *Med Phys.* 37 (6);3412. 2010.

“Evaluation of the Quantitative Error of a Commercially-Available Positron Emission Mammography Scanner,” *J Nucl Med.* 51 (Supplement 2);279P. 2010.

“Nanoshell-Mediated Laser Induced Thermal Therapy in An In Vivo Model,” A Springer, A Shetty, A Elliott, M Paquet, J Wang, J Schwartz, J Hazle, R Stafford. *Med Phys.* 35 (6);2710. 2008.

“OSL Dosimeters Can Be Used for Remote Dosimetry Services,” J Homnick, G Ibbott, A Springer, J Aguirre. *J of Radiat Oncol Biol Phys* 72(1):S672-3, 2008.

“Optically Stimulated Luminescence (OSL) Dosimeters Can Be Used for Remote Dosimetry Services,” J Homnick, G Ibbott, A Springer, J Aguirre. *Med Phys.* 35 (6);2994. 2008.

“Image-Guided Thermal Ablation in Bone Using Dynamic Chemical Shift Imaging,” B Taylor, A Shetty, A Elliott, A Springer, K Hwang, J Hazle, R Stafford. *Med Phys.* 35 (6);2703. 2008.

“Prediction of Cell Necrosis in Tissue by MR Temperature Imaging during Thermal Ablation,” A Springer. Southwest AAPM Spring Meeting, Young Investigator’s Symposium, Oct 2007.

“An analysis of High-energy gamma Ray images acquired on a conventional gamma camera with coded apertures,” A Springer, J Idoine, D Schellingerhout, R Wendt, C Li, C Kappadath, J Hazle. Houston Society for Engineering in Medicine and Biology Annual Meeting, Feb 2007.