

# Stanford

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## Katheryne Wilson

Instructor, Radiology - Rad/Molecular Imaging Program at Stanford

### Bio

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#### ACADEMIC APPOINTMENTS

- Instructor, Radiology - Rad/Molecular Imaging Program at Stanford

#### HONORS AND AWARDS

- Travel Grant, World Molecular Imaging Society (2011)
- Graduate Engineering Council Travel Grant, The University of Texas at Austin (2012)
- Travel and Attendance Grant, The European School of Nanoscience and Nanotechnology (2011)
- Best Poster Award, The University of Texas at Austin (2011)
- Best Presentation Award, The University of Texas at Austin (2012)
- Scholarship in Optics and Photonics, SPIE (2011)
- Newport Spectra-Physics Research Excellence Grant, SPIE (2010)
- George J. Heuer Jr. Ph.D. Endowed Graduate Fellowship, The University of Texas at Austin (2009-2011)
- Alfred and Nellie King Graduate Fellowship, The University of Texas at Austin (2011-2012)
- Departmental Nominee for the Michael H. Granof Outstanding Graduate Student Award, The University of Texas at Austin (2012)
- Young Investigator Award, World Molecular Imaging Society (2011)
- Stanford Molecular Imaging Scholars Fellowship, Stanford University (2012-2015)
- Loan Repayment Program Grant, National Institute of Health (2013-2015)

### Publications

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#### PUBLICATIONS

- **Multiparametric Spectroscopic Photoacoustic Imaging of Breast Cancer Development in a Transgenic Mouse Model** *Theranostics*  
Wilson, K. E., Bachawal, S., Tian, L., Willmann, J. K.  
2014; 4 (11): 1062-1071
- **Acoustic and photoacoustic molecular imaging of cancer.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*  
Wilson, K. E., Wang, T. Y., Willmann, J. K.  
2013; 54 (11): 1851-1854
- **Biomedical photoacoustics beyond thermal expansion using triggered nanodroplet vaporization for contrast-enhanced imaging** *Nature Communications*  
Wilson, K., Homan, Kimberly, Emelianov, Stanislav  
2012; 3: 618