

Phillip D. H. Wall

MEDICAL PHYSICIST-IN-TRAINING · PH.D. CANDIDATE · RESEARCHER

ABR Status: Passed Part 1

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“Be the change that you want to see in the world.”

Education

Louisiana State University

PH.D. IN MEDICAL PHYSICS

- Pursuing doctoral studies and researching machine learning applications in radiation therapy treatment planning and quality assurance

Baton Rouge, LA

Aug. 2017 - present

Louisiana State University

M.S. IN MEDICAL PHYSICS

- Completed didactic and clinical coursework before completing M.S. thesis research investigating database plan quality impact on knowledge-based radiation therapy treatment planning of prostate cancer

Baton Rouge, LA

Aug. 2014 - Jul. 2017

Davidson College

B.S. IN PHYSICS AND MATHEMATICS

- Graduated *cum laude* majoring in physics and mathematics

Davidson, NC

Aug. 2010 - May 2014

Publications

1. **Phillip DH Wall**, Robert L Carver, and Jonas D Fontenot. An improved distance-to-dose correlation for predicting bladder and rectum dose-volumes in knowledge-based VMAT planning for prostate cancer. *Physics in Medicine and Biology*, 2017

Honors & Awards

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|-------------|--|-----------------|
| 2017 | Finalist , Conference of Southern Graduate Schools Master's Thesis Award | Baton Rouge, LA |
| 2017 | Finalist , Young Investigator Symposium, AAPM Spring Clinical Meeting | New Orleans, LA |
| 2017 | Student Travel Award , LSU Graduate Student Association | New Orleans, LA |
| 2016-now | Research Assistantship , LSU Department of Physics and Astronomy | Baton Rouge, LA |
| 2015 | Medical Assistantship , LSU Department of Physics and Astronomy | Baton Rouge, LA |
| 2014-2015 | Teaching Assistantship , LSU Department of Physics and Astronomy | Baton Rouge, LA |
| 2014 | Phi Beta Kappa , Davidson College Chapter | Davidson, NC |
| 2014 | Sigma Pi Sigma Chapter Project Award , Project Leader | Davidson, NC |
| 2013 | Sigma Pi Sigma , Davidson College Chapter | Davidson, NC |
| 2012 | R. Bruce Jackson Jr. Mathematics Award , For demonstrating great promise in mathematics | Davidson, NC |
| 2012 | 3rd Place , UAB Summer Research Exposition | Birmingham, AL |
| 2012 - 2014 | Outstanding Chapter Award , Society of Physics Students | Davidson, NC |