

## **CURRICULUM VITAE**

**Bernadette M. Greenwood, BSc, RT(R)(MR)(ARRT)**

**Updated on: May 23, 2017**

### **GENERAL INFORMATION**

Name: Bernadette Marie Greenwood

Office Address: 74-785 Hwy. 111, Suite 101

Indian Wells, CA 92210

Tel. #: 760-766-2047

Fax: #: 888-317-9823

Mobile #: 262-269-8764

E-mail: [s1476597@sms.ed.ac.uk](mailto:s1476597@sms.ed.ac.uk)

Website: [www.desertmedicalimaging.com](http://www.desertmedicalimaging.com)

Place of Birth: Frankfurt, Germany

Citizenship: U.S.A.

### **EDUCATIONAL BACKGROUND**

University of Edinburgh College of Medicine

(Currently enrolled)

School of Clinical Sciences, Edinburgh, Scotland

Medical Product Management Institute

Andover, MA July, 2008

Adventist University, Orlando, FL

BSc, Radiologic Sciences April, 2008

City College of San Francisco, CA

Radiologic Sciences 1988

University of Maryland, Asian Division

Undergraduate, Seoul, South Korea, 1987

U.S. Army Academy of Health Sciences,  
Ft. Sam Houston/St. Philip's College, TX

Radiologic Technology, 1984

Trumbull High School, Trumbull, CT

Diploma, 1983

### **POSITIONS AND EMPLOYMENT**

5/2014 – present

Director, Research and Development  
Desert Medical Imaging, Indian Wells, CA

2/2005 – 5/2014

Clinical Product Manager, Oncology  
Invivo Corporation/Philips Healthcare  
Pewaukee, WI

11/1996 – 6/2001

Marketing Manager, TiP-TV MR Program Manager  
GE Medical Systems, Milwaukee, WI

9/1994 – 11/1996

Sr. MRI Technologist, CE/CME Manager  
Dept. of Veterans Affairs, Vacaville, CA

11/1991 – 9/1994

MRI/CT Technologist  
Radiological Associates of Sacramento, CA

7/1988 – 11/1996	MRI, CT, US, Mammography Technologist The Surgical Staff, Inc., Redwood City, CA
7/1983 – 7/1988	Combat Medic (91-B), Radiographer (91-P) United States Army, Ft. Jackson, SC, Ft. Sam Houston, TX, Ft. Carson, CO, 18 <sup>th</sup> Medical Command, S. Korea, Letterman Army Medical Center, CA

**LICENSES AND QUALIFICATIONS**

Certification, "Protecting Human Research Participants", NIH Office of Extramural Research	(2014)
HIPAA Certification, Collaborative Institutional Training Initiative, U. Miami	(2014)
Six Sigma Greenbelt Certification, GE Medical Systems	(2000)
A.R.R.T. Registration in Magnetic Resonance #265628	(1996)
A.R.R.T. Registration in Radiography #265628	(1992)
Certified Nursing Assistant, State of CT	(1983 - expired)
Licensed Geriatric Aide, State of CT	(1983 - expired)

**RESEARCH**

*A Pilot Study to Evaluate Magnetic Resonance Thermal Image-guided Laser-Induced  
Interstitial Thermal Therapy for Focal Ablation of Prostate Cancer*

Protocol No.: DMI-LITT-001  
WIRB® Protocol #20140945  
[www.ClinicalTrials.gov](http://www.ClinicalTrials.gov) NCT# 022443033

*A Phase II Study to Evaluate Outpatient Magnetic Resonance Image-guided Laser Focal  
Therapy for Prostate Cancer, a 20-year Survival Study*

Protocol No.: DMI-Laser-  
001 WIRB® Protocol  
#20140945  
[www.ClinicalTrials.gov](http://www.ClinicalTrials.gov) NCT# 022443033

*Decipher Genomics Resource Information Database (GRID®)*

Protocol No.: GRD001  
Quorum IRB Protocol: 31097/6

*Complication Rates for Outpatient Transrectal In-Bore MRI-Guided Prostate Biopsy: Seven Years'  
Experience (IRB exempt, in process)*

**GRANTS AND SCHOLARSHIPS**

Focus on Research Scholar 2015,  
Research Advocacy Network (2015)

Army Women's Legacy Foundation  
Graduate Scholarship Recipient (2017)

**PROFESSIONAL HONORS AND AWARDS**

SPIE Women in Optics 2016-2017 Planner  
The International Society for Optics and Photonics (2016)

State of Wisconsin Gubernatorial Proclamation  
Proclaiming June 4, 2015 Prostate Cancer Awareness Day (2015)

Philips "Eager-to-Win" Award (2012)

2010 Medical Design Excellence Award (Gold) (2010)

Americas Six Sigma "Simplify and Digitize Award",  
GE Medical Systems (2000)

International Television Association Award for  
Business Television (Local and National Awards) (1999)

The Telly Award (1999)

The Communicator Award of Distinction (1998)

GEMS-TV Communicator of the Year award,  
GE Medical Systems (1997)

MR Teamwork Award, GEMS OnLine Center,  
GE Medical Systems (1997)

Non-Commissioned Officer of the Quarter (1986)

**MILITARY TRAINING, AWARDS AND DECORATIONS**

Korea Defense Service Medal

Army Achievement Medal

Good Conduct Medal

NCO Professional Development Ribbon

Overseas Service Ribbon

Army Service Ribbon

Expert Marksman (Rifle)

Cold War Recognition Certificate

**PROFESSIONAL MEMBERSHIPS AND COMMITTEES**

ACR Prostate Accreditation Working Group	2017
ACR PI-RADS Protocol Subcommittee	2017
AdMeTech Genomics Summit Steering Committee	2016-present
TheFocalTherapyFoundation.org, Co-Founder	2015
International Cancer Imaging Society	2015-present
University of Edinburgh Learning Design Practice Committee	2015-2016
Co-Chair, Quantification and Motion Session, ESMRMB, 2015	2015
American Association of Clinical Researchers	2015-present
Society for Abdominal Radiology	2015-present
American Urological Association	2015-present
International Laser Network (Founder, Board member)	2014-present
Women's Leadership Forum of the Desert	2014-present
Association of Clinical Research Professionals	2014-present
QIBA (Quantitative Imaging and Biomarkers, RSNA)	2014-present
Reviewer, Journal of Magnetic Resonance Imaging	2013-present
Vital Voices	2010-present
The Prostate Colloquium to Develop Trans-Atlantic Consensus on Active Surveillance and Focal Therapy for Prostate Cancer	2010
Society of Photo-Optical Instrumentation Engineers	2010-present
AdMeTech International Prostate MRI Working Group	2009-present
National Comprehensive Cancer Network	2009-present
European Society for Magnetic Resonance in Medicine and Biology	2009-present
Radiological Society of North America	2009-present

Society for Breast Imaging	2006-present
HIPAA Technical Workgroup, GE Medical Systems	2000
Member, S.M.R.T. Education Committee and Editorial Review Board	1998-2000
Member, A.S.R.T. Committee on MR	1997-1999
Member, A.S.R.T. Committee on Scopes of Practice	1995-1997
Charter Member, International Society for Magnetic Resonance in Medicine	1995-present
Chair, S.M.R.T. Northwest Regional Educational Seminar	1995
A.R.R.T. MRI Advanced Examination Item Writer	1992-1995
Association of the United States Army	1985

### **ABSTRACTS, POSTERS AND PUBLICATIONS**

"MRI-Guided Laser Focal Therapy of Prostate Cancer - Update 2016" (Abstract CID: 2393947), Society for Abdominal Radiology, Honolulu, Hawaii	(3/2016)
"Transrectally delivered, MRI-guided Laser Focal Therapy of Prostate Cancer: How we do it", Comprehensive Prostate Cancer Programs and Services, Cleveland, OH	(3/2016)
"Transrectal MR-guided laser focal therapy of recurrent prostate cancer in a patient post-proton therapy: A case study", ASCO 2016 Cancer Survivorship Symposium ( <a href="http://meetinglibrary.asco.org">http://meetinglibrary.asco.org</a> )	(1/2016)
"Diagnostic Accuracy of PI-RADS v2: Validation with Targeted In-Bore MRI-Guided Prostate Biopsy" RSNA, Chicago, IL	(12/2015)
"A Pilot Study to Evaluate Outpatient, Transrectal, Magnetic Resonance-guided Laser Focal Therapy for Treatment of Localized Prostate Cancer" RSNA, Chicago, IL	(12/2015)
"Transrectally Delivered, MR-Guided Laser Interstitial Thermal Therapy in Recurrent Prostate Cancer, European Society for Magnetic Resonance in Medicine and Biology, Edinburgh, Scotland, UK	(10/2015)
"Prostate MR image generation: the physics behind the magic" Duke University 7 <sup>th</sup> International Symposium on Imaging and Focal Therapy of Kidney and Prostate Cancer, Pasadena, CA	(8/2014)
"MR-guided prostate intervention with a transperineal approach" ESMRMB, Toulouse, France	(10/2013)
"MRI-guided prostate biopsy in a patient post colectomy" Applied Radiology, <a href="http://www.appliedradiology.com/Issues/2013/09/Cases/MRI-guided-prostate-biopsy-in-a-patient-post-colectomy.aspx">http://www.appliedradiology.com/Issues/2013/09/Cases/MRI-guided-prostate-biopsy-in-a-patient-post-colectomy.aspx</a>	(9/2013)
"MRI Guided and Monitored Focal Laser Ablation for Prostate Cancer", American Society for Lasers in Medicine and Surgery 2013 Annual Conference, Surgical/ILT Session, Boston, MA	(4/2013)
"MR Guided Trans-Rectal Focal Laser Ablation for Prostate Cancer", Radiological Society of North America	(11/2012)
"Prostate MRI followed by trans-gluteal CT-guided biopsy", Case 10233 EURORAD Radiological Case Database, <a href="http://www.eurorad.org">www.eurorad.org</a>	(8/2012)

"Technical aspects of trans-rectally delivered, MRI-guided laser therapy of Prostate cancer", 2nd International Meeting on Innovations and Evidence Based Medicine in Urology, Athens, Greece (ESR EPOS) (10/2011)

"Technical aspects of trans-rectally delivered, MRI-guided laser therapy of Prostate cancer", European Congress of Radiology, March 3-7, 2011, Vienna Austria (3/2011)

"Viewbox", ASRT Scanner, June/July 2010 Issue (6/2010)

"Technical aspects of trans-rectal interventional MRI of the prostate gland" SMRT, ISMRM, 2010 (5/2010)

"Use of trans-rectal imaging at MR (TRIM) for computer-aided prostate biopsy", European Congress of Radiology (EPOS presentation submitted by ESMRMB) (3/2010)

"Trans-rectal interventional MRI: a diagnostic adjunct", Duke University Third International Workshop on Minimally Invasive Ablative Therapy of Kidney and Prostate Cancer, Washington, D.C. (2/2010)

"Trans-rectal interventional MRI: initial prostate biopsy experience", SPIE Medical Imaging, San Diego, CA (2/2010)

"Diffusion-weighted MR mammography with a 16-channel coil", European Society for Magnetic Resonance in Medicine and Biology (10/2009)

"Use of trans-rectal imaging at MR (TRIM) for computer-aided prostate biopsy", European Society for Magnetic Resonance in Medicine and Biology (10/2009)

"Timing of performance of MR Mammography: A case study", ImagingTechnology.com (9/2009)

"DCE Prostate Imaging at 1.0T Using a Solenoid Coil", Section for Magnetic Resonance Technologists, ISMRM (4/2009)

"Coil System for Optimal MR Mammography and MR-Guided Intervention", International Society for Magnetic Resonance in Medicine (4/2008)

"A Case Study: Extensive DCIS Detected with MR Mammography", Diagnostic Imaging Magazine (2008)

"Magnetic Resonance Mammography in High Risk Patients", Arab Health Imaging Supplement, 2009 (2008)

"Breast MR Centers Must Look Beyond Imaging and Offer Universal Care"  
<http://www.auntminnie.com/index.asp?Sec=sup&Sub=wom&Pag=dis&ItemId=78241> (11/2007)

ISMRM Poster Exhibit : "Evaluation of Computer-Aided-Diagnosis (CAD) Software Tools for Tumor Detection using Dynamic Contrast Enhanced MRI" (2007)

"The Impact of Technology on Physician Patient Communication", Radiation Therapy, Vol. 16 No.2 (2007)

"Imaging the Augmented Breast", Radiologic Technology, Vol. 78, No. 3, Jan./Feb. 2007 (2007)

"CAD for Monitoring Neoadjuvant Chemotherapy", ISRRT 14<sup>th</sup> World Congress Poster Display (2006)

"Breast Imaging: The Use of MRI as a Diagnostic Adjunct", <http://ce.sinclair.edu> (2006)

"MR Mammo Alters Treatment Course: A Case Study" <http://www.AuntMinnie.com/index.asp?Sec=sup&Sub=mri&Pag=dis&ItemId=72822> (10/2006)

"MR Mammography: Screening Tool or Diagnostic Adjunct?" <http://www.AuntMinnie.com/index.asp?Sec=sup&Sub=wom&Pag=dis&ItemId=69722> (2/2006)

"Computed Tomography: Adrenal Gland Imaging", [http://hmi.sinclair.edu/module\\_detail.asp?ModuleID=95](http://hmi.sinclair.edu/module_detail.asp?ModuleID=95) (2003)

"Non-Medical Uses of CT", Radiologic Technology, Vol. 74, No. 1, Sept./Oct. 2002 (2002)

Co-author: A.S.R.T. MR Professional Curriculum (1998)

**INVITED LECTURES AND ORAL PRESENTATIONS**

"Laser Ablation Treatment (Clinical Trial)" Prostate Cancer Support Association of New Mexico, Albuquerque, NM September, 2015

Panelist, "Fusion MRI/TRUS Guided Biopsy and Focal Therapy Of Early Stage Prostate Cancer Course", 67<sup>th</sup> Annual Florida Urological Society Meeting, Orlando, FL September, 2015

"Transrectally Delivered, MRI-Guided Laser Focal Therapy of Prostate Cancer: How We Do It, 67<sup>th</sup> Annual Florida Urological Society Meeting, Orlando, FL September, 2015

"Image-guided Stem Cell Deployments – DMI Experience 2015" Cell Surgical Network Training Conference, Marina Del Rey, CA June, 2015

"Prostate MRI and MR-guided Intervention – Update 2015" Telemedicine Department, University of Pristina, Kosovo June, 2015

"Wake up and Smell the Coffee – Prostate Cancer Update 2015" Milwaukee Area Technical College Men's Health Awareness June, 2015

"Advanced Imaging of Dementia", Alzheimers Association, Palm Desert, CA February, 2015

"Prostate MRI and MR-Guided Biopsy" Informed Prostate Cancer Support Group, San Diego, CA January, 2015

"MRI/CT Updates" AHRA Northwest Regional Meeting, Tualatin, OR January, 2015

"OMG, WTF? Oh, my Goodness, Where are the Females?" President's Diversity Council, International Women's Day, Milwaukee Area Technical College, Milwaukee, WI	April, 2014
"Why Prostate MRI?" Duke University Fifth International Symposium on Focal Therapy and Imaging of Prostate and Kidney Cancer, Durham, NC	June, 2012
UsToo Quad City Chapter, Moline, IL	July, 2011
Informed Prostate Cancer Survivors Group, San Diego, CA	June, 2011
UsToo San Antonio TX Chapter	March, 2011
"Answering the difficult questions for prostate cancer", Wisconsin Society of Radiologic Technologists Annual Meeting	March, 2011
"Patient Advocates for Advanced Cancer Treatments – Hayward Chapter Meeting", Hayward, CA	January, 2011
"Trans-rectal interventional MRI: a diagnostic adjunct" Duke University Third International Workshop on Minimally Invasive Ablative Therapy of Kidney and Prostate Cancer, Washington, D.C.	February, 2010
"Trans-rectal interventional MRI of the prostate gland" 10 <sup>th</sup> Middle East Medical Imaging and Diagnostic Conference, United Arab Emirates	January, 2010
"Breast MR Update" College of Radiology Administrators, Chicago, IL	April, 2009
MRI Prostate and Breast Symposium The Michener Institute for Applied Health Sciences	November 11, 2006
13th International Applications and Clinical Science Meeting Philips Medical Systems, Eindhoven, The Netherlands	April 23-27, 2007
Advanced Breast MR Imaging and Spectroscopy Philips Medical Systems, Cleveland, OH	May 3-4, 2007
Code Blue in MRI University of California, Davis	November, 1993

GE TiP TV MR Broadcasts can be found at:  
[http://www3.gehealthcare.com/en/Education/Clinical\\_Education/TiP-ed\\_Online/Magnetic\\_Resonance#](http://www3.gehealthcare.com/en/Education/Clinical_Education/TiP-ed_Online/Magnetic_Resonance#)

A sample program supplement can be found at:  
[http://www.gehealthcare.com/gecommunity/tip\\_tv/subscribers/sup\\_material/supplement/962.pdf](http://www.gehealthcare.com/gecommunity/tip_tv/subscribers/sup_material/supplement/962.pdf)

### **CME LECTURES AND WORKSHOPS**

Applied Radiology Expert Forums

"Prostate MRI and MR-Guided intervention" Webcast March 17, 2015

"Prostate MRI and MR-Guided Intervention"

Through Loma Linda University Continuing Medical Education Dept. 2014, 2015

"5<sup>th</sup> ESUR Teaching Course on Prostate MRI"

mpMRI Workshop, Radboud University, Nijmegen, The Netherlands June, 2015

"Prostate MRI and MRI-guided biopsy – a workshop for physicians and technologists", Pewaukee, WI

March 23, 2013

"Prostate MRI and MRI-guided biopsy – a workshop for physicians and technologists" , Chicago, IL

Nov. 30-Dec. 1, 2012

"Prostate MRI and MRI-guided biopsy – a workshop for physicians and technologists" , Thousand Oaks, CA

Aug. 11-12, 2012

"Prostate MRI and MRI-guided biopsy – a workshop for physicians and technologists", Chicago, IL

December, 2011

"Prostate MR Imaging and Intervention – A Workshop for Physicians and Technologists", Nijmegen, The Netherlands

February, 2011

"Prostate MR Imaging and Intervention – A Workshop for Physicians and Technologists", Nijmegen, The Netherlands

February, 2011

"Prostate MR Imaging and Intervention – A Workshop for Physicians and Technologists", Los Angeles, CA

June 2-3, 2010

### **BOOKS AND BOOK CHAPTERS**

Contributing Editor: "Principles of Radiographic Imaging" (2000)

Contributor: "Magnetic Resonance Imaging – Physical and Biological Principles", Bushong, S.

(1996)

Contributing Author: "Handbook of Focal Therapy for Prostate and Renal Cancer", Chapter 14: Focal laser ablation of prostate cancer

(2016)

Contributing Author: "Imaging and Focal Therapy of Early Prostate Cancer 2<sup>nd</sup> Edition, Chapter 30: Transrectal Laser Ablation of Prostate Cancer

(2016)