

Harry Marshall, MD, PhD

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📅 April 12, 2025

Education

- 9/2003 – 8/2004  **Undergraduate Year 1**
The University of Toronto, Toronto, ON, Canada
- 9/2004 – 8/2007  **BMSc - Honours Specialization in Medical Biophysics**
The University of Western Ontario, London, ON, Canada
- 9/2007 – 6/2014  **MD/PhD - Medical Biophysics**
The University of Western Ontario, London, ON, Canada
Thesis title: *MRI-based attenuation correction in emission computed tomography*
- 7/2014 – 6/2019  **Diagnostic Radiology Residency**
The University of Western Ontario, London, ON, Canada
- 7/2019 – 6/2020  **Clinical Radiology Fellowship - Abdominal Imaging and Intervention**
UCLA, Los Angeles, CA, USA

Licensure


- 5/2018 – 6/2021  Medical Doctor: Prince Edward Island, Canada - License number T7824
- 8/2018 – 8/2020  Medical Doctor: California, USA - License number A 157696
- 5/2020 – Present  Medical Doctor: Ontario, Canada - License number 103220
- 6/2024 – Present  Medical Doctor: Tennessee, USA - License number 70115

Certification

- 7/2019 – Present  Fellow of the Royal College of Physicians of Canada (FRCPC)
- 4/2021 – Present  Diplomate of the American Board of Radiology (DABR)

Appointments

Academic

- 9/2020 – 4/2024  **Assistant Professor of Radiology**
Department of Medical Imaging, Body Division
The University of Western Ontario
- 6/2024 – Present  **Assistant Professor of Clinical Radiology and Radiological Sciences**
Department of Radiology and Radiological Sciences, Abdominal Division
Vanderbilt University

Appointments (continued)

Hospital

5/2018 – 6/2020	■ Queen Elizabeth Hospital (Locum) Charlottetown, PEI, Canada
8/2020 – 12/2023	■ Chatham-Kent Health Alliance (Teleradiology) Chatham, ON, Canada
9/2020 – Present	■ London Health Sciences Centre & St. Joseph's Healthcare (Academic) London, ON, Canada
4/2021 – 3/2024	■ St. Thomas Elgin General Hospital (Teleradiology) St. Thomas, ON, Canada
8/2022 – 8/2023	■ Health Sciences North (Locum) Sudbury, ON, Canada
6/2024 – Present	■ Vanderbilt University Medical Center (Academic) Nashville, TN, USA

Employment

■ Consultant (Halo), Need San Francisco, CA, USA
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Professional Organizations

9/2007 – Present	■ Ontario Medical Association (OMA)
7/2014 – Present	■ Canadian Medical Protective Association (CMPA)
7/2015 – Present	■ Radiological Society of North America (RSNA)
2/2024 – Present	■ Society of Abdominal Radiology (SAR)

Professional Activities

Service

7/2009 – 7/2014	■ Junior Editor Clinical and Investigative Medicine Trainee Section
1/2010 – present	■ Ad Hoc Reviewer Scientific Reports Journal of Nuclear Medicine Journal of Nuclear Medicine Technology Medical Physics Quantitative Imaging in Medicine and Surgery Journal of Medical Imaging and Radiation Science Molecular Pharmaceutics Journal of Cancer Management and Research
3/2017 – 3/2018	■ Member of Radiology Resident Selection Committee The University of Western Ontario


Professional Activities (continued)

7/2017 – 6/2018	■ Chief Radiology Resident The University of Western Ontario
6/2021 – 7/2021	■ Radiology Mock Oral Exam Coordinator The University of Western Ontario
4/2022 – 4/2024	■ Magnetic Resonance Medical Director London Health Sciences Centre and St. Joseph's Healthcare
4/2022 – 5/2022	■ Participant in CIHR's Reviewer in Training program Canadian Institute of Health Research
9/2022 – 10/2023	■ Member of Radiology Body Fellow Selection Committee The University of Western Ontario






Awards

6/2003	■ Governor General's Academic Medal (Bronze)
	■ Howard Ferguson Provincial Scholarship, U of T
5/2004	■ Dr. James A. & Connie P. Dickson Scholarship in the Sciences & Mathematics, U of T
	■ University of Toronto Scholar
5/2005	■ NSERC Undergraduate Student Research Award, Supervised by Dr. Frank Prato
5/2006	■ Richard Konrad Scholarship in Science, UWO
	■ Dr. G. E. Hall Scholarship in Medical Biophysics, UWO
	■ NSERC Undergraduate Student Research Award, Supervised by Dr. Abbas Samani
5/2007	■ Gold Medal for Honors Specialization in Medical Biophysics, UWO
9/2007	■ Jack Banham Hargreaves & Jessie Louisa Florence Hargreaves MD/PhD Award, UWO
9/2009	■ NSERC Alexander Graham Bell Canada Graduate Scholarship Doctoral Level
3/2011	■ Second best poster in the Ontario Preclinical Imaging Consortium, ImNO
6/2012	■ Best Biomedical Imaging & Engineering poster at London Health Research Day
1/2014	■ Outstanding Reviewer of the Year for Nuclear Medicine, JMIRS
5/2014	■ Dr. John Agnos Memorial Award in Diagnostic Radiology, UWO
6/2017	■ Dr. Jason Ashley Memorial Award, UWO
6/2018	■ Emergency Medicine Award of Excellence: Diagnostic Radiology Resident, UWO
6/2019	■ Dr. Jason Ashley Memorial Award, UWO
	■ Carey Singh Award, UWO
6/2021	■ Radiology Resident Choice for Teacher of the Year Award, UWO
6/2022	■ Radiology Resident Choice for Teacher of the Year Award, UWO

Teaching Activities



- 9/2007 – 5/2011  **Teaching Assistant**
MBP3330F: Biomechanics
The University of Western Ontario
- 9/2020 – present  **Clinical teaching**
Radiology residents and abdominal fellows
At workstation twice per week
Lectures/mock oral exams/OSCEs monthly
-  **Research supervision**
Robert Policelli, Undergraduate Student, 12/2020 – present
Christian Rey, Medical Student, 3/2022 – 6/2024
Janson Kappen, Medical Student, 5/2022 – 8/2022
Christina Lim, Medical Student, 2/2023 – present
Shelby Champion, Resident, 3/2023 – present












Research Program

- 11/2021 – present  **Abbreviated Primovist MRI in patients with colorectal cancer**
Bayer, Inc.
210364 CAD, 25% effort
- 3/2022 – 2/2023  **Ultrasonographic robotic device identifying nodes in pathology specimens**
Western Research Interdisciplinary Development Initiatives
35000 CAD, 5% effort
- 6/2022 – 9/2023  **SMA segmentation in pancreatic adenocarcinoma staging CT**
RSNA Research Medical Student Grant (Jansen Kappen)
3000 CAD, 10% effort
- 2/2023 – 2/2025  **Robotics, ultrasound, and AI to automate nodal search in excised tissues**
INOVAIT Pilot Fund
125000 CAD, 5% effort
- 11/2023 – 11/2025  **Elastography and AI in steatotic liver disease**
Western Department of Internal Medicine Grant
86711 CAD, 5% effort

Publications and Presentations

Refereed Journal Articles

- 1 S. M. Hesabgar, **H. Marshall**, S. K. Agrawal, A. Samani, and H. M. Ladak, “Measuring the quasi-static Young’s modulus of the eardrum using an indentation technique,” *Hearing Research*, vol. 263, no. 1-2, pp. 168–176, May 2010,  DOI: [10.1016/j.heares.2010.02.005](https://doi.org/10.1016/j.heares.2010.02.005).
- 2 A. Legros, **H. R. Marshall**, A. Beuter, J. Gow, B. Cheung, A. W. Thomas, F. S. Prato, and R. Z. Stodilka, “Effects of acute hypoxia on postural and kinetic tremor,” *European Journal of Applied Physiology*, vol. 110, no. 1, pp. 109–119, Sep. 2010,  DOI: [10.1007/s00421-010-1475-x](https://doi.org/10.1007/s00421-010-1475-x).

- 3 **H. R. Marshall**, R. Z. Stodilka, J. Theberge, E. Sabondjian, A. Legros, L. Deans, J. M. Sykes, R. T. Thompson, and F. S. Prato, "A comparison of MR-based attenuation correction in PET versus SPECT," *Physics in Medicine and Biology*, vol. 56, no. 14, pp. 4613–4629, Jul. 2011,  DOI: [10.1088/0031-9155/56/14/024](https://doi.org/10.1088/0031-9155/56/14/024).
- 4 **H. R. Marshall**, F. S. Prato, L. Deans, J. Theberge, R. T. Thompson, and R. Z. Stodilka, "Variable lung density consideration in attenuation correction of whole-body PET/MRI," *Journal of Nuclear Medicine*, vol. 53, no. 6, pp. 977–984, Jun. 2012,  DOI: [10.2967/jnumed.111.098350](https://doi.org/10.2967/jnumed.111.098350).
- 5 **H. R. Marshall**, J. Patrick, D. Laidley, F. S. Prato, J. Butler, J. Théberge, R. T. Thompson, and R. Z. Stodilka, "Description and assessment of a registration-based approach to include bones for attenuation correction of whole-body PET/MRI," *Medical Physics*, vol. 40, no. 8, p. 082 509, Jul. 2013,  DOI: [10.1118/1.4816301](https://doi.org/10.1118/1.4816301).
- 6 **H. R. Marshall**, J. Hawel, M. Meschino, D. Wiseman, A. Mujoomdar, E. Lau, K. Leslie, and C. Yoshy, "Staging computed tomography in patients with noncurative laparotomy for periaampullary cancer: Does nonstructured reporting adequately communicate resectability?" *Canadian Association of Radiologists Journal*, vol. 69, no. 1, pp. 97–104, Feb. 2018,  DOI: [10.1016/j.carj.2017.10.003](https://doi.org/10.1016/j.carj.2017.10.003).
- 7 **H. R. Marshall**, S. Shakeri, M. Hosseiny, A. Sisk, J. Sayre, D. S. Lu, A. Pantuck, and S. Raman, "Long-term survival after percutaneous radiofrequency ablation of pathologically proven renal cell carcinoma in 100 patients," *Journal of Vascular and Interventional Radiology*, vol. 31, no. 1, pp. 15–24, Jan. 2020,  DOI: [10.1016/j.jvir.2019.09.011](https://doi.org/10.1016/j.jvir.2019.09.011).
- 8 Y. Ruan, D. Li, **H. Marshall**, T. Miao, T. Cossetto, I. Chan, O. Daher, F. Accorsi, A. Goela, and S. Li, "MB-FSGAN: Joint segmentation and quantification of kidney tumor on CT by the multi-branch feature sharing generative adversarial network," *Medical Image Analysis*, vol. 64, p. 101 721, Aug. 2020,  DOI: [10.1016/j.media.2020.101721](https://doi.org/10.1016/j.media.2020.101721).
- 9 J. Zhao, D. Li, X. Xiao, F. Accorsi, **H. Marshall**, T. Cossetto, D. Kim, D. McCarthy, C. Dawson, S. Knezevic, B. Chen, and S. Li, "United adversarial learning for liver tumor segmentation and detection of multi-modality non-contrast MRI," *Medical Image Analysis*, vol. 73, p. 102 154, Oct. 2021,  DOI: [10.1016/j.media.2021.102154](https://doi.org/10.1016/j.media.2021.102154).
- 10 M. Jiang, B. Yuan, W. Kou, W. Yan, **H. Marshall**, Q. Yang, T. Syer, S. Punwani, M. Emberton, D. C. Barratt, C. C. M. Cho, Y. Hu, and B. Chiu, "Prostate cancer segmentation from MRI by a multistream fusion encoder," *Medical Physics*, vol. 50, pp. 5489–5504, Apr. 2023,  DOI: [10.1002/mp.16374](https://doi.org/10.1002/mp.16374).
- 11 W. Kou, **H. Marshall**, and B. Chiu, "Boundary-aware semantic clustering network for segmentation of prostate zones from T2-weighted MRI," *Physics in Medicine & Biology*, vol. 69, no. 17, p. 175 009, Aug. 2024,  DOI: [10.1088/1361-6560/ad6ace](https://doi.org/10.1088/1361-6560/ad6ace).
- 12 W. Kou, C. Rey, **H. Marshall**, and B. Chiu, "Interactive cascaded network for prostate cancer segmentation from multimodality MRI with automated quality assessment," *Bioengineering*, vol. 11, no. 8, p. 796, Aug. 2024,  DOI: [10.3390/bioengineering11080796](https://doi.org/10.3390/bioengineering11080796).
- 13 R. Policelli, S. Dammak, A. D. Ward, Z. Kassam, C. Johnson, D. Ramsewak, Z. Syed, L. Siddiqi, N. Siddique, D. Kim, and **H. Marshall**, "A visual aid tool for detection of pancreatic tumour-vessel contact on staging CT: A retrospective cohort study," *Canadian Association of Radiologists Journal*, vol. 75, no. 3, pp. 575–583, Aug. 2024,  DOI: [10.1177/08465371231217155](https://doi.org/10.1177/08465371231217155).

- 14 V. Solitano, S. K. Vuyyuru, A. Aruljothy, M. Alkhatabi, J. Zou, M. Beaton, J. Gregor, Z. Kassam, R. Sedano, **H. Marshall**, D. Ramsewak, M. Sey, and V. Jairath, "Endoscopic skipping, stricturing, and penetrating complications in Crohn's disease on tandem ileo-colonoscopy and cross-sectional imaging: A retrospective cohort study," *Inflammatory Bowel Diseases*, ize192, Aug. 2024, DOI: [10.1093/ibd/ize192](https://doi.org/10.1093/ibd/ize192).
- 15 S. K. Vuyyuru, V. Solitano, A. Aruljothy, M. Alkhatabi, M. Beaton, J. Gregor, Z. Kassam, **H. Marshall**, D. Ramsewak, R. Sedano, M. Sey, and V. Jairath, "Prevalence of stricturing, penetrating complications and extraintestinal manifestations in inflammatory bowel disease detected on cross-sectional imaging in a tertiary care setting," *United European Gastroenterology Journal*, vol. 12, pp. 870–878, Jul. 2024, DOI: [10.1002/ueg2.12635](https://doi.org/10.1002/ueg2.12635).

Books, Book Chapters, Invited Review Articles





- 1 S. Ong Tone, S. Dugani, **H. Marshall**, M. F. Shamji, J.-C. Murray, and D. Bossé, "Scientific overview of the CSCI-CITAC 2009 conference," in *Clinical & Investigative Medicine*, 1. Feb. 2010, vol. 33, pp. 69–72.
URL: <https://pubmed.ncbi.nlm.nih.gov/20144273/>.

Conference Proceedings

- 1 F. S. Prato, R. T. Thompson, R. Z. Stodilka, **H. R. Marshall**, T. Devito, J. A. Robertson, A. W. Thomas, and J. Théberge, "Hybrid brain imaging with MRI/PET," in *Proceedings of the URSI General Assembly and Scientific Symposium*, Peer-reviewed, Invited, 2011, pp. 1–4. DOI: [10.1109/URSIGASS.2011.6051349](https://doi.org/10.1109/URSIGASS.2011.6051349).
- 2 Y. Ruan, D. Li, **H. Marshall**, T. Miao, T. Cossetto, I. Chan, O. Daher, F. Accorsi, A. Goela, and S. Li, "Mt-UcGAN: Multi-task uncertainty-constrained GAN for joint segmentation, quantification and uncertainty estimation of renal tumors on CT," in *Medical Image Computing and Computer Assisted Intervention – MICCAI*, vol. 12264, Peer-reviewed, 2020, pp. 439–449, DOI: [10.1007/978-3-030-59719-1_43](https://doi.org/10.1007/978-3-030-59719-1_43).
- 3 R. Wei, W. Zhang, W. Kou, C. Rey, **H. Marshall**, and B. Chiu, "Multistream fusion segmentation and classification of prostate lesions from magnetic resonance images," in *Proceedings of SPIE Medical Imaging 2024: Image Processing*, vol. 12926, Peer-reviewed, 2024, p. 1 292 629, DOI: [10.1117/12.3006245](https://doi.org/10.1117/12.3006245).

Scientific Presentations

- 1 J. E. McPherson, **H. R. Marshall**, K. Schonberger, J. Long, A. Legros, F. S. Prato, and A. W. Thomas, "Is human hand fine motor control affected by a pulsed 200 mT magnetic field?" In *Proceedings of the Annual Meeting of Bioelectromagnetics Society (BEMS)*, Peer-reviewed, 2006.
- 2 **H. R. Marshall**, H. M. Ladak, and A. Samani, "A finite element model based approach to determine the young's modulus of the intact tympanic membrane," in *Proceedings of the CompMed: SSH Symposium on Computer Simulation in Medicine*, Peer-reviewed, 2007.
- 3 **H. R. Marshall**, H. M. Ladak, and A. Samani, "An inverse problem based technique for measuring the Young's modulus of the intact tympanic membrane," in *Proceedings of the Canadian Biomaterials Society Conference*, Peer-reviewed, 2007.
- 4 **H. R. Marshall**, H. M. Ladak, and A. Samani, "Estimation of the Young's modulus of the intact tympanic membrane: A phantom study," in *Proceedings of the Annual Canadian Student Conference on Biomedical Computing (CSCBC)*, Peer-reviewed, 2007.

- 5 A. Legros, **H. Marshall**, J. Gow, A. Beuter, M. Corbacio, B. Cheung, A. Thomas, F. Prato, and R. Stodilka, "Changes in physiological tremor induced by acute hypoxia," in *Proceedings of The Movement Disorder Society's International Congress of Parkinson's Disease and Movement Disorders*, Peer-reviewed, vol. 24, 2009, S510.  DOI: [10.1002/mds.22628](https://doi.org/10.1002/mds.22628).
- 6 **H. R. Marshall**, R. Z. Stodilka, B. Lewden, J. Theberge, E. Sabondjian, A. Legros, A. Mitchell, L. Deans, J. Sykes, and F. S. Prato, "Attenuation correction in body PET/MRI: A computationally efficient algorithm with broad applicability," in *Proceedings of the Imaging Symposium of Imaging Network Ontario*, Peer-reviewed, 2009.
- 7 **H. R. Marshall**, R. Z. Stodilka, B. Lewden, J. Theberge, E. Sabondjian, A. Legros, A. Mitchell, L. Dorrington, J. Sykes, and F. S. Prato, "Towards whole-body PET attenuation correction from segmented multi-spectral data in hybrid PET/MR," in *London Imaging Discovery Day, The University of Western Ontario*, Peer-reviewed, 2009.
- 8 **H. R. Marshall**, R. Z. Stodilka, B. Lewden, J. Theberge, E. Sabondjian, A. Legros, A. Mitchell, L. Dorrington, J. Sykes, and F. S. Prato, "Use of multi-spectral MR data to generate an attenuation map for application to PET/MR hybrid imaging," in *Proceedings of the International Society of Magnetic Resonance in Medicine*, Peer-reviewed, vol. 17, 2009, p. 4698.  URL: <https://archive.ismrm.org/2009/4698.html>.
- 9 **H. R. Marshall**, J. Patrick, R. Z. Stodilka, J. Theberge, E. Sabondjian, A. Legros, L. Deans, J. Sykes, R. T. Thompson, and F. S. Prato, "Attenuation in SPECT/MR versus PET/MR," in *Proceedings of the Imaging Symposium of Imaging Network Ontario*, Peer-reviewed, 2010.
- 10 **H. R. Marshall**, R. Z. Stodilka, B. Lewden, J. Theberge, E. Sabondjian, A. Legros, A. Mitchell, L. Deans, J. Sykes, and F. S. Prato, "Evidence that a segmented three component MR-based attenuation correction algorithm yields better quantification in SPECT/MR than PET/MR," in *Proceedings of the IEEE Nuclear Science Symposium, Medical Imaging Conference, and Room Temperature Semiconductor Detector Workshop*, Peer-reviewed, 2010.
- 11 **H. R. Marshall**, "Attenuation correction in PET/MRI," in *Grand Rounds, Department of Nuclear Medicine, London Health Sciences Centre*, Invited, 2010.
- 12 **H. R. Marshall**, R. Z. Stodilka, B. Lewden, J. Théberge, E. Sabondjian, A. G. Legros, A. J. Mitchell, L. Deans, J. M. Sykes, R. T. Thompson, and F. S. Prato, "MR-based whole-body PET attenuation correction in hybrid PET/MRI: A computationally inexpensive algorithm for T₁, T₂ and proton density weighted images," in *Proceedings of the International Society of Magnetic Resonance in Medicine*, Peer-reviewed, 2010, p. 673.  URL: <https://archive.ismrm.org/2010/0673.html>.
- 13 J. Butler, J. Miller, **H. Marshall**, A. Silavi, J. Patrick, W. Pavlosky, G. Reid, D. Taves, J. Gregor, K. Sultan, D. Carlsen, A. Khlebnikov, D. Guyonnet, S. Legrain-Raspaud, F. S. Prato, R. T. Thompson, and R. Z. Stodilka, "Non-invasive MRI-based 3D volumetric serial assessments of physiologic large intestine gas-proof of principle," in *Proceedings of the International Society of Magnetic Resonance in Medicine*, Peer-reviewed, vol. 19, 2011, p. 875.  URL: <https://archive.ismrm.org/2011/0875.html>.
- 14 **H. R. Marshall**, R. Z. Stodilka, L. Deans, J. Butler, J. Théberge, J. Sykes, R. T. Thompson, and F. S. Prato, "Accounting for variable lung density in whole-body PET/MRI attenuation correction," in *Proceedings of the Canadian Society for Clinical Investigation / Clinician Investigator Trainee Association of Canada Young Investigator's Forum*, Peer-reviewed, 2011.

- 15 K. Blackwood, M. Huegin, J. Sykes, **H. Marshall**, G. Wisenberg, and F. Prato, "Evaluating myocardial inflammation in the quantification of transplanted cell viability with ^{111}In SPECT," in *Proceedings of the Society of Nuclear Medicine and Molecular Imaging Annual Meeting*, Peer-reviewed, vol. 53, 2012, p. 1787.
URL: https://jnm.snmjournals.org/content/53/supplement_1/1787.
- 16 D. Laidley, **H. Marshall**, J. Patrick, J. Butler, F. Prato, R. Thompson, I. Rachinsky, and R. Stodilka, "Performance of PET/MRI attenuation correction in an oncology population," in *Proceedings of the Society of Nuclear Medicine and Molecular Imaging Annual Meeting*, Peer-reviewed, vol. 53, 2012, p. 1220.
URL: https://jnm.snmjournals.org/content/53/supplement_1/1220.
- 17 **H. R. Marshall**, D. Laidley, J. Patrick, J. Butler, R. T. Thompson, J. Théberge, F. S. Prato, and R. Z. Stodilka, "Attenuation correction in whole-body PET/MRI imaging," in *Proceedings of the Imaging Symposium of Imaging Network Ontario*, Peer-reviewed, 2012.
- 18 **H. R. Marshall**, J. Patrick, D. Laidley, J. Butler, J. Théberge, R. T. Thompson, F. S. Prato, and R. Z. Stodilka, "To segment, to register, or to map? A comparison of three MRI-based attenuation correction methods for whole-body PET," in *London Imaging Discovery Day, The University of Western Ontario*, Peer-reviewed, 2012.
- 19 **H. Marshall**, D. Laidley, J. Patrick, J. Butler, R. Thompson, F. Prato, I. Rachinsky, and R. Stodilka, "Three MRI-based attenuation correction methods for PET," in *Proceedings of the Society of Nuclear Medicine and Molecular Imaging Annual Meeting*, Peer-reviewed, vol. 53, 2012, p. 374. URL: https://jnm.snmjournals.org/content/53/supplement_1/374.
- 20 **H. R. Marshall**, "How should attenuation correction in PET/MRI be performed?" In *Alan C. Burton Day, Department of Medical Biophysics, The University of Western Ontario*, Invited, 2012.
- 21 J. Patrick, **H. Marshall**, E. Sabondjian, J. Butler, I. Rachinsky, T. Thompson, J. Théberge, F. Prato, and R. Stodilka, "The role of body mass and gender in atlas construction for attenuation correction in PET/MRI," in *Proceedings of the Canadian Organization of Medical Physicists and the Canadian College of Physicists in Medicine*, Peer-reviewed, vol. 39, 2012, p. 4641. DOI: [10.1118/1.4740192](https://doi.org/10.1118/1.4740192).
- 22 J. Patrick, **H. Marshall**, E. Sabondjian, J. Butler, J. Theberge, R. Thompson, F. Prato, and R. Stodilka, "Importance of gender and BMI in atlas design for PET/MRI attenuation correction," in *Proceedings of the Society of Nuclear Medicine and Molecular Imaging Annual Meeting*, Peer-reviewed, vol. 53, 2012, p. 2333. URL: https://jnm.snmjournals.org/content/53/supplement_1/2333.
- 23 **H. R. Marshall**, "Registration-based approach to include bones for attenuation correction of whole-body PET/MRI," in *Biograph mMR User Group Meeting: Presented by Siemens Canada and Lawson Health Research Institute*, Invited, 2013.
- 24 E. Sabondjian, D. Hoover, A. Ashworth, G. Hajdok, **H. R. Marshall**, J. Patrick, D. Palma, and R. Z. Stodilka, "Magnetic resonance imaging (MRI) for intensity modulated radiotherapy (IMRT) treatment planning in head and neck cancers: Techniques learned from positron emission tomography (PET)/MRI attenuation correction," in *Proceedings of the Canadian association of Radiation Oncology / Canadian Organization of Medical Physicists Joint Scientific Meeting*, Peer-reviewed, 2013.
- 25 M. Meschino, **H. Marshall**, J. Hawel, E. Lau, H. Emmerton-Coughlin, C. Yoshy, D. Wiseman, A. Mujoomdar, R. Hernandez-Alejandro, and K. Leslie, "22 synoptic versus free-form CT reporting for determination of resectability in periaampullary malignancy," in *Proceedings of the Canadian Surgery Forum*, Peer-reviewed, vol. 59, 2016. URL: https://www.canjsurg.ca/content/59/4_Suppl_1/S77.

- 26 **H. R. Marshall**, D. Wiseman, A. Mujoomdar, and C. Yoshy, "A retrospective analysis of pre-operative CT in unresectable or margin-positive Whipple's patients," in *Proceedings of the Annual Meeting of the American Roentgen Ray Society*, Peer-reviewed, 2017.
- 27 **H. R. Marshall**, C. Ward, I. B. Nachum, and A. Kornecki, "Clinical and sonographic presentation of benign versus atypical or malignant papillary lesions," in *Proceedings of the Annual Meeting of the Canadian Association of Radiologists*, Peer-reviewed, 2018.
- 28 **H. R. Marshall**, "Imaging for rehabilitation," in *Strathroy Middlesex General Hospital Physiotherapy In-service*, Invited, 2018.
- 29 **H. Marshall**, S. Shakeri, M. Hosseiny, A. Sisk, J. Sayre, D. Lu, A. Pantuck, and S. Raman, "Long-term survival after percutaneous radiofrequency ablation of pathologically proven renal cell carcinoma in 100 patients," in *Proceedings of the Society of Interventional Radiology Annual Meeting*, Peer-reviewed, vol. 31, 2020, S120–S121. [URL: https://www.jvir.org/article/S1051-0443\(19\)31381-8/fulltext](https://www.jvir.org/article/S1051-0443(19)31381-8/fulltext).
- 30 **H. R. Marshall**, E. Won, K. Ruchalski, P. Teng, H. J. Kim, A. Kwon, M. Brown, and J. Goldin, "Developing a multiple strategy machine learning algorithm towards automated standardization of Lugano reference values," in *Proceedings of the Scientific Assembly and Annual Meeting of the Radiological Society of North America*, Peer-reviewed, 2020.
- 31 **H. R. Marshall**, "Radiology database development: Simplifying imaging research," in *Biomedical Imaging Research Centre, The University of Western Ontario*, Invited, 2020.
- 32 Y. A. Ruan, F. Accorsi, T. Miao, T. Cossetto, I. Y. Chan, O. Daher, D. Li, **H. R. Marshall**, S. Li, and A. Goela, "Multi-tasking feature-sharing generative adversarial network for segmentation, tumor index quantification and uncertainty estimation of renal masses on CT," in *Proceedings of the Scientific Assembly and Annual Meeting of the Radiological Society of North America*, Peer-reviewed, 2020.
- 33 **H. R. Marshall**, "AI in medical imaging: Challenges for the Siemens ITT," in *Siemens Innovation Think Tank*, Invited, 2021.
- 34 **H. R. Marshall**, "Multidisciplinary rounds: Four real patient cases, four paths from diagnosis to treatment," in *National webinar on Primovist sponsored by Bayer Canada*, Invited, 2023.
- 35 **H. R. Marshall**, "Prostate biopsies: An easy target for improved patient care," in *Mini-plenary session for London Imaging Discovery Day, The University of Western Ontario*, Invited, 2023.
- 36 R. Policelli, S. Dammak, C. Johnson, T. Kim, N. Siddique, Z. Syed, A. Nadrah, D. Wang, V. Kalia, D. Ramsewak, Z. Kassam, A. Ward, and **H. R. Marshall**, "Detecting vascular invasion in pancreatic ductal adenocarcinoma," in *Baker Centre Meeting, The University of Western Ontario*, Invited, 2023.
- 37 **H. R. Marshall**, "Alternative gadolinium dosing in body MRI," in *National webinar for the Canadian Society of Abdominal Radiology*, Invited, 2024.