

# Brian Wang, MD

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## Education

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2020 – Present	<b>Diagnostic Radiology Residency, McMaster University</b>
2017 – 2020	<b>MD, Michael G. DeGroote School of Medicine, McMaster University</b>
2014 – 2017	<b>BSc, Medical Sciences, Western University</b>

## Certification and Licensure

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2020, 2022	<b>Licentiate of the Medical Council of Canada, MCCQE-I (2020) and MCCQE-II (2022)</b>
2020 – Present	<b>College of Physicians and Surgeons of Ontario (CPSO #: 120981)</b>

## Awards and Scholarships

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2020	<b>Dr. Robert Chu Memorial Award</b> <ul style="list-style-type: none"><li>Awarded to a graduating McMaster University medical student based on the recommendation of the Dean, Vice-President, and the Chair of the Department of Radiology</li></ul>
2017	<b>Reinhard Konrad Memorial Award</b> <ul style="list-style-type: none"><li>Awarded to a full-time undergraduate student in year 3 or year 4 in the Faculty of Science for academic excellence</li></ul>
2016	<b>Bennie and Shirley Bradshaw Award in Science</b> <ul style="list-style-type: none"><li>Awarded annually to undergraduate students in any year in the Faculty of Science based on academic achievement</li></ul>
2015 – 2017	<b>NSERC Undergraduate Student Research Award</b> <ul style="list-style-type: none"><li>Annually renewed federal award based on academic excellence, accomplishments in scientific research, and extracurricular achievements</li></ul>
2014 – 2017	<b>Western's Continuing Admission Scholarship</b> <ul style="list-style-type: none"><li>Awarded to entering students with cumulative averages 95% or greater, requiring Dean's list honors each semester to maintain</li></ul>

## Teamwork and Leadership Contributions

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2023 – Present  
*Hamilton, ON*

**Chief Resident | Residency Program Committee (RPC), Diagnostic Radiology, McMaster University**

- Elected by resident and staff physicians to serve as liaison between the resident group and RPC
- Advocated on behalf of the resident group, and responded to resident questions and issues
- Organized academic half-days and multiple other program events, including OSCEs, career nights, Visiting Professor lectures, and Physics curricula
- Created and maintained the resident call schedule
- Spearheaded major structural call changes to address increasing on call imaging volume across the city
- Participated in application review, interviewing, and the selection process for the residency match

2022 – 2023  
*Hamilton, ON*

**Resident Representative | Residency Program Committee (RPC), Diagnostic Radiology, McMaster University**

- Elected by resident and staff physicians to serve as liaison between the residents and RPC
- Advocated on behalf of the resident body
- Assisted Chief residents with administrative duties

2021 – Present  
*Hamilton, ON*

**Resident Physician Volunteer | Integrated Biomedical Engineering and Health Sciences Program, McMaster University**

- Provided medical teaching and mentorship to biomedical engineering students completing a hip prosthesis project

2021 – Present  
*Hamilton, ON*

**Peer Mentor | Diagnostic Radiology Residency Program, McMaster University**

- Provided mentorship to new PGY1 residents in McMaster's diagnostic radiology residency program, and advised them on transition to residency, rotation expectations, perseverance, and resiliency

2020 – 2022  
*Hamilton, ON*

**Editor | Journal of Medical Imaging and Case Reports (MICR)**

- Critically appraised and made editorial changes for submissions to the MICR

2019 – Present  
*Hamilton, ON*

**Resident Representative | Undergraduate Radiology Curriculum Committee, School of Medicine, McMaster University**

- Participated in regular meetings with faculty, residents, and medical students to improve delivery of the diagnostic radiology curriculum in McMaster University's MD program

- 2018 – 2020  
Hamilton, ON      **Editor | McMaster University Medical Journal (MUMJ)**
- Critically appraised, made editorial changes, and supervised the publication process for submissions to the MUMJ
- 2017 – 2020  
Hamilton, ON      **Co-chair | Radiology Interest Group, School of Medicine, McMaster University**
- Organized sessions on radiologic concepts for medical students in collaboration with McMaster Radiology residents
- 2017 – 2020  
Kitchener, ON      **Waterloo Regional Campus Representative | Student Affairs Advisory Group, School of Medicine, McMaster University**
- Participated in meetings with faculty, and medical students to improve delivery of the Student Affairs program

### Peer Reviewed Journal Publications

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- Sabbineni, M., Varma, V., **Wang, B.T.**, Choudur, H.N. Efficacy of ultrasound-guided nerve hydrodissection: A retrospective chart review. *Skeletal Radiol*. Manuscript submitted for publication.
- Wang, B.T.**, Le Goff, E., Reddy, S.M.V., Mammen, T., Choudur, H.N. External rotation of the shoulder for MRI assessment of the long head biceps tendon. Manuscript in preparation.
- Varma, V. \*, **Wang, B.T.** \*, Siva, A., Zhe, T.X., Choudur, H.N. Ultrasound guided Fenestration of Calcific Tendinosis of the Rotator Cuff: A novel approach for pain relief. Manuscript in preparation.
- Wang, B.T.**, van der Pol, C., Sudhakar, R., Burns, L., Katzman, B., Reddy, S.M.V., Larocque, N. Missed MSK US appointments - A retrospective review of patient factors. Manuscript in preparation.
- Wang, B.T.**, Chung, J., Wiseman, D. (2020). Embolization of a variant left hepatic artery aneurysm: A case report. *J Med Imaging Case Rep* 4(2):67-69.  
<https://doi.org/10.17756/micr.2020-055>
- Wang, B.T.**, Lee, S.Y. (2019). Cecal fecaloma: A rare cause of right lower quadrant pain. *Eur J Radiol Open* 6:136-8. <https://doi.org/10.1016/j.ejro.2019.03.006>
- Khan, A.R., Hiebert, N.M., Vo, A., **Wang, B.T.**, Owen, A.M., Seergobin, K.N., MacDonald, P.A. (2018). Biomarkers of Parkinson's disease: Striatal sub-regional structural morphometry and diffusion MRI. *Neuroimage Clin*. 21:101597.  
<https://doi.org/10.1016/j.nicl.2018.11.007>
- Wang, B.T.**, Poirier, S., Guo, T., Parrent, A.G., Peters, T.M., & Khan, A.R. (2016). Generation and evaluation of an ultra-high-field atlas with applications in DBS planning. *Proc. SPIE 9784, Medical Imaging 2016: Image Processing*, 97840H (March 21, 2016).  
<https://doi.org/10.1117/12.2217126>

## Conference Proceedings

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**Wang, B.T.**, Le Goff, E., Reddy, S.M.V., Mammen, T., Choudur, H.N. External rotation of the shoulder for MRI assessment of the long head biceps tendon. Canadian Association of Radiologists Annual Scientific Meeting. Montreal, QC. April 28, 2023.

Kaka, H., **Wang, B.T.**, Al-Bashir, S.M., Dhamanaskar, K.P., Lee, S.Y. Integrating Ultrasound into Inflammatory Bowel Disease Care Pathways: Current Evidence. 29<sup>th</sup> Annual Meeting of the Society of Radiologists in Ultrasound. Denver, CO. October 3, 2019.

## Invited Presentations

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Wang, B.T. Patterns of Intracranial Contrast Enhancement. Neuroscience Grand Rounds. Hamilton General Hospital, McMaster University. May 26, 2023.

Wang, B.T. Introduction to Radiology On-call: From Pager to Protocolling. Radiology Pre-call Lecture Series. McMaster University. Apr 13, 2023.

Wang, B.T. Ultrasound O-RADS. Departmental Ultrasound Rounds. St. Joseph's Healthcare Hamilton, McMaster University. Jan 30, 2023.

Wang, B.T. Gastric Bypass and the Post-operative Abdomen. Radiology Academic Half Day. McMaster University. Jan 18, 2023.

Wang, B.T. Introduction to Radiology. McMaster University MD Program Lecture Series. McMaster University. Sept 2, 2022.

Wang, B.T. Bosniak Classification of Cystic Renal Masses, Version 2019: An Update Proposal and Needs Assessment. Radiology Journal Club. McMaster University. Mar 16, 2022.

Wang, B.T. Radiologic Assessment of Reverse Shoulder Arthroplasty. MSK Radiology Departmental Rounds. Juravinski Hospital, McMaster University. Dec 11, 2021.

Wang, B.T. Thyroid Ultrasound and TI-RADS. Departmental Ultrasound Rounds. St. Joseph's Healthcare Hamilton, McMaster University. Nov 16, 2021.

Wang, B.T. Structured Reporting: The Voice of the Customer in an Ongoing Debate About the Future of Radiology Reporting. Radiology Academic Half Day. McMaster University. Sept 4, 2021.

Wang, B.T. Traumatic Craniocervical Junction Injuries. Orthopedic Surgery Educational Rounds. St. Joseph's Healthcare Hamilton, McMaster University. May 19, 2021.

Wang, B.T. Initial Management of Adnexal Masses. Obstetrics & Gynecology Educational Rounds. McMaster University Medical Centre, McMaster University. Mar 12, 2021.

Wang, B.T. Traumatic Head Injuries. Trauma Grand Rounds. Hamilton General Hospital, McMaster University. Feb 8, 2021.

## Membership in Professional Societies

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2020 – Present	<b>Canadian Association of Radiologists</b>
2020 – Present	<b>Ontario Association of Radiologists</b>
2017 – Present	<b>Canadian Medical Association</b>
2017 – Present	<b>Ontario Medical Association</b>

## Work Experience

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2013 – 2014 <i>London, ON</i>	<b>Lifeguard and Swim Instructor   City of London Recreation</b> <ul style="list-style-type: none"><li>▪ Taught swimming skills to children, adults, and seniors</li></ul>
2011 – 2013 <i>London, ON</i>	<b>Hardware and Tools Sales Associate   Canadian Tire</b> <ul style="list-style-type: none"><li>▪ Won ‘Customer Service Gold’ award</li></ul>

## Hobbies and Interests

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### *Basketball*

- Played basketball on both competitive and recreational teams since age 7, and continue to play on intramural teams.
- Organized weekly pick-up basketball for a group of 25 colleagues, including medical students, residents, and staff.
- Passionate fan of the NBA and the Toronto Raptors. Attended an NBA Finals game in 2019.

### *Fitness*

- Committed to a minimum of 30 minutes of daily physical activity.
- Activities include basketball, weightlifting, yoga, running, swimming, squash, and badminton.

### *Reading*

- Avid reader for pleasure. Favourite genres include science fiction novels and biographies.
- Last book I read was “The Bright Hour: A Memoir of Living And Dying” by Nina Riggs.

### *Meditation*

- Meditate daily for at least 10 minutes to practice mindfulness and wellness.