

## NADINE IJAZ, PhD

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Leslie Dan Faculty of Pharmacy  
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### EDUCATION

- 2017** **PhD** (Medical Anthropology), Leslie Dan Faculty of Pharmacy, University of Toronto.  
**2012** **MSc** (Herbal Medicine), University of Wales, United Kingdom.  
**2002** **BArtsSc**, *Summa cum laude*. Arts and Science. McMaster University.

### PROFESSIONAL APPOINTMENTS

- 2017 -** **Postdoctoral Fellow**, Joint-Appointment to: Leslie Dan Faculty of Pharmacy and Department of Sociology, University of Toronto.

### RESEARCH GRANTS

- 2019** **Humber College Teaching Innovation Fund Grant** (\$1400)  
*Expanding research capacity in Chinese medicine practitioner education.* PI: **Ijaz N.**
- 2019** **McMaster University Student Partners Program Grant** ((\$1400)  
*Beyond binaries: collaborative educational debate.* PI: **Ijaz N.** Co-I. Sergeant A.
- 2018** **Canadian Complementary and Alternative Medicine Research Fund** (\$5000)  
*The use of telemedicine in complementary medicine consulting.*  
PI: Paradis E. Co-I: **Ijaz N**, Brulé D.
- 2017** **Canadian Institutes of Health Research Project Grant** (\$279,224)  
*Statutory regulation & emerging traditional/complementary health professions.*  
PI: Boon H, Welsh S. Co-I (grant author): **Ijaz N.**

### AWARDS

- 2019** **McMaster Students Union Teaching Merit Award for Sessional Faculty**
- 2018** **McMaster Students Union Faculty Teaching Award** (Arts & Science)
- 2017** **ISCMR Scientific Article Prize**
- 2016** **Ontario Graduate Scholarship**
- 2014-5** **Pfizer Canada Fellowship in Health Outcomes Research** (awarded twice)
- 2014** **Clinical, Social & Administrative Pharmacy Professors' Award**,  
Leslie Dan Faculty of Pharmacy, University of Toronto
- 1995** **Gary Lautens Memorial Scholarship**, McMaster University
- 1995** **University Prize for Special Achievement**, McMaster University

## POST-SECONDARY TEACHING

### Course Design & Instruction

- 2018-19** **McMaster University** (Hamilton, Canada). Bachelor of Arts & Science Program.  
*Global Justice Inquiry* (Winter 2018, Winter 2019)
- 2018-19** **Humber Institute of Technology and Advanced Learning** (Toronto, Canada).  
Traditional Chinese Medicine Professional Training Program.  
*Biological Statistics and Research Methods* (Winter 2019)  
*Traditional Chinese Medicine Health Preservation* (Fall 2018)
- 2009 – 13** **Pacific Rim College** (Victoria, Canada). Joint appointment to Schools of  
Phytotherapy (Western Herbal Medicine) and Acupuncture & Oriental Medicine.  
*Professional training program; course listing by request*
- 2001-7; 12** **Canadian School of Natural Nutrition**, Vancouver and Nanaimo, Canada  
*Professional training program; course listing by request*

### Trainee Supervision

- 2019** **Supervisor** for Sergeant A (Undergraduate independent study). *Beyond binaries: Collaborative educational debate*. Arts & Science Program, McMaster University.
- 2018** **Supervisor** for McNair A (Undergraduate thesis). *Chinese medicine clinics in Canadian Indigenous communities*. Arts & Science Program, McMaster University.
- 2018 -** **Supervisory Committee Member** for Brule D (MSc thesis). *The use of telemedicine in complementary medicine consulting*. Faculty of Pharmacy, University of Toronto.

### Educational Consulting

- 2019** **Academic Subject Advisory Committee Member**, Endeavour College of Natural Health. Undergraduate degree coursework regarding global indigenous health.
- 2015 – 16** **Project Assistant**, Complementary and Alternative Medicine in Undergraduate Medical Education project, University of Saskatchewan.
- 2015 – 16** **Focus Group Co-ordinator and Analyst**, OPPCAT Learner Evaluation Tool Project, Ontario College of Pharmacists, Hospital Pharmacy Residency Forum of Ontario, University of Toronto and University of Waterloo.

### Teaching Assistantships

- 2013 – 15** **University of Toronto**  
Department of Anthropology, Health Studies Program  
*Critical Qualitative Health Research Methods* (Winter 2015)  
*Social Determinants of Health* (Winter 2014, Winter 2015)  
Leslie Dan Faculty of Pharmacy  
*Health Systems I* (Winter 2014)  
*Introduction to Models and Methods of Research* (Fall 2014)  
*Health Systems Context for Pharmacy Practice* (Fall-Winter 2013, 2014)
- 2001** **McMaster University**: Arts and Science Program  
*Writing and Informal Logic* (Winter 2001)

## PUBLICATIONS

### Refereed Journal Articles

1. **Ijaz N** [In press]. “Research-related attitudes among Chinese medicine students at a Canadian college: A mixed-methods study.” *Integrative Medicine Research*.
2. **Ijaz N**, Mawson P [In press]. “Cultivating a Jewish eco-education framework: The Toronto Heschel School’s teaching and learning garden.” *Canadian Jewish Studies*.
3. **Ijaz N**, Rioux J, Elder C, Weeks J. **2019**. “Whole systems research in health care: A scoping review.” *Journal of Alternative and Complementary Medicine*. 25:S21-S51.
4. Elder C, **Ijaz N**, Weeks J, Rioux J, Ritenbaugh C. **2019**. “Convergent points for conventional medicine and whole systems research: A user’s guide.” *Journal of Alternative and Complementary Medicine*. 25:S12-S16.
5. **Ijaz N**, Boon H. **2018**. “Chinese medicine *sans* Chinese: The unequal impacts of Canada’s ‘multiculturalism within a bilingual framework’.” *Law and Policy*. doi: 10.1002/lapo.12112.
6. **Ijaz N**, Boon H. **2018**. “Medical pluralism and the state: Regulatory language requirements for traditional acupuncturists in English-language diaspora jurisdictions”. *Sage Open*, 8(2): 1-15.
7. **Ijaz N**, Boon H. **2018**. “Statutory regulation of traditional medicine practitioners and practices: The need for distinct policy making guidelines.” *Journal of Alternative and Complementary Medicine*. DOI: 10.1089/acm.2017.0346.
8. MacKeigan L, **Ijaz N**, Bojarski E, Dolovich L. **2017**. “Implementation of a reimbursed medication review program in Ontario pharmacies: Corporate and pharmacy level strategies.” *Research in Social and Administrative Pharmacy*. 13(5):947-958.
9. **Ijaz N**, Boon H, Muzzin L, Welsh S. **2016**. “State risk discourse and the regulatory preservation of traditional medicine knowledge: The case of acupuncture in Ontario, Canada.” *Social Science and Medicine*, 170(97-105).
10. **Ijaz N**, Boon H, Welsh S, Meads A. **2015**. “Supportive but “worried”: Perceptions of naturopaths, homeopaths and Chinese medicine practitioners through a regulatory transition in Ontario, Canada.” *BMC Complementary & Alternative Medicine*, 15(312):1-13.

### Manuscripts in Submission

11. **Ijaz N**, Boon H [Revised/resubmitted, 04/19]. “Evaluating the international standards gap for the use of acupuncture needles by physiotherapists and chiropractors: A policy analysis.” *PLOS One*.
12. **Ijaz N**, Welsh S, Boon H [Under review, 08/19]. “A survey of acupuncture-providing registered massage therapists in Ontario, Canada: Motivation, training and practice characteristics.” *International Journal of Therapeutic Massage and Bodywork*.
13. **Ijaz N**, Sergeant A [Under review, 08/19]. Beyond binaries: A three-sided pedagogical model for classroom debate. *Harvard Educational Review*.
14. **Ijaz N**. [Under review, 10/19]. “Paradigm-specific risk conceptions, patient safety and the regulation of traditional and complementary medicine practitioners: The case of homeopathy in Ontario, Canada.” *Current Anthropology*.

**Book Chapters**

15. **Ijaz N, Boon H. 2018.** “Safety as ‘boundary object’: the case of acupuncture and Chinese medicine regulation in Ontario, Canada.” In Brosnan C, Danell J, Vuolanto P. *Complementary Medicine: Cultural Practices, Social Transformations and Global Change*. Palgrave: London.
16. **Ijaz N. 2017.** “How alternative? A postcolonial feminist analysis of two popular complementary and alternative medicine hot flash remedies.” In Torri C, Hornosty J. *Complementary, Alternative & Traditional medicine: Prospects and Challenges for Women’s Reproductive Health*. Canadian Scholars’ Press / Women’s Press: Toronto.

**Non-Refereed Journal Articles**

17. **Ijaz N. 2014.** “Canada’s ‘other’ illegal white substance: Evidence, economics and raw milk policy.” *Health Law Review*, 22(1&2): 26-39

**Research Reports**

18. **Ijaz, N; Eds. Patel R, Roy K. 2019.** “Dishonourable violence: Changing the narratives on honour and shame among Muslim Canadian communities.” Islamic Relief Canada.
19. Mulherin K, **Ijaz N**, Kleinman N, Coates J, Legal M, Prata A, Cheng W. **2015.** Final Report Series (I - VI): *Canadian Experiential Education Project for Pharmacy*. Windpharm Consulting for the Association of Faculties of Pharmacy (AFPC).

**INVITED TALKS**

- 10/2019** **Ijaz N.** *Creating a more inclusive integrative medicine movement.* [Keynote.] Academy of Integrative Health and Medicine Annual Conference, San Diego, USA.
- 09/2019** **Ijaz N.** *Whole systems research in health care: an education and policy imperative.* Academic Collaborative for Integrative Health, USA. [Webinar.]
- 05/2019** **Ijaz, N.** Panel with Viljoen A, Panzironi F, Kerridge D, Wardle J. *Partnering with traditional medicine in research, policy and practice.* Panel. International Congress on Complementary Medicine Research: Brisbane, Australia.
- 06/2014** **Ijaz N,** *Raw milk evidence and public health policy in Ontario’s context.* Public Health Ontario, Toronto, Canada.
- 04/2014** **Ijaz N,** *Raw milk risk in context: an evidence-to-policy approach.* Raw Milk: Science-to-Policy Symposium, University of Guelph, Canada.
- 05/2013** **Ijaz N,** *Unpasteurized milk: myths and evidence.* BC Centre for Disease Control, Grand Rounds series, Vancouver, Canada.

## CONFERENCE ACTIVITY / PARTICIPATION

### Panels / Sessions Organized

- 05/2020** Ijaz N, Mist S. “Researching the way we practice: A practical introduction to whole systems research designs.” Workshop. International Congress on Integrative Medicine and Health: Cleveland, USA [Accepted].
- 10/2019** Weeks J, Balneaves L, Cramer H, Ijaz N, Seely D. “Exploring advocacy for integrative oncology science.” Panel. International Conference of the Society for Integrative Oncology: New York, USA.
- 05/2019** Boon H, Ijaz N, Gallego-Perez D, Lin V, Weeks J. “Successes & challenges in traditional medicine regulation.” Panel. International Congress on Complementary Medicine Research: Brisbane, Australia. *Advances in Integrative Medicine* 2019; 6(S25-26).
- 05/2019** Weeks J, Boon H, Ijaz N. “Multi-modal approaches, whole systems research and integrative health in an era of convergence.” Panel. International Congress on Complementary Medicine Research: Brisbane, Australia. *Advances in Integrative Medicine* 2019; 6(S50).
- 04/2019** Ijaz N [P]. “Whole systems research”. Special topic luncheon. Academic Consortium for Integrative Medicine Members Meeting: Edmonton, Canada.
- 11/2018** Ijaz N, Weeks J, Porcino A. “Fostering fairness in TCAIM research dialogue: Struggles and strategies.” Panel. IN-CAM Research Symposium: Montreal, Canada.
- 05/2017** Boon H, Ijaz N. “Statutory regulation of traditional and complementary medicine professionals: operationalizing the World Health Organization guidelines.” Panel. World Congress on Integrative Medicine and Health: Berlin, Germany. *BMC Complementary & Alternative Medicine*, 2017: 17(Supp. 1).

### Peer-Reviewed Research Presentations

[P]: Presenting author. Oral presentation unless indicated. Trainees under my supervision.

- 05/2019** Ijaz N [P], Boon H. “Towards a ‘Green allopathy’: biomedicalization and the naturopathic medicine profession in Ontario, Canada.” International Congress on Complementary Medicine Research: Brisbane, Australia. *Advances in Integrative Medicine* 2019; 6(S25).
- 06/2019** Brule D [P], Ijaz N, Paradis W. [Poster.] “The use of telemedicine in complementary medicine consulting: A survey of homeopaths and naturopaths in Ontario, Canada.” International Homeopathy Research Institute Conference: London, England.
- 05/2019** McNair A, Ijaz N [P]. [Poster.] “The old ways are the old ways: Chinese medicine care in Canadian Indigenous communities.” International Congress on Complementary Medicine Research: Brisbane, Australia. *Advances in Integrative Medicine* 2019; 6(S143).
- 04/2019** Ijaz N [P], Boon H. “Resisting (mis)representation: Research participation among complementary medicine providers in a Canadian policy study.” Academic Consortium for Integrative Medicine Members Meeting: Edmonton, Canada.

- 04/2019** **Ijaz N [P]**, Rioux J, Elder C, Weeks J. [Poster.] “Whole systems research methods in health care: A scoping review.” Academic Consortium for Integrative Medicine Members Meeting: Edmonton, Canada.
- 11/2018** **Ijaz N [P]**, Boon H. “Risky enough to regulate? The profession of homeopathy in Ontario, Canada.” IN-CAM Research Symposium: Montreal, Canada. *Journal of Complementary and Integrative Medicine* 2018; 15(4):eA12
- 11/2018** **Ijaz N, McNair A [P]**. “Beyond affluent wellness: Social justice-geared TCAIM service models in North America.” IN-CAM Research Symposium: Montreal, Canada. *Journal of Complementary and Integrative Medicine* 2018; 15(4):eA28.
- 11/2018** **Brule D [P], Ijaz N, Paradis E.** [Poster.] “The use of telemedicine in complementary medicine consulting: A survey-in-process of homeopaths and naturopaths.” *Journal of Complementary and Integrative Medicine* 2018; 15(4):eA22
- 05/2017** **Ijaz N [P]**, Boon H. “Addressing the international acupuncture standards gap for physiotherapists and chiropractors: a comparative policy review.” World Congress on Integrative Medicine and Health: Berlin, Germany. *BMC Complementary & Alternative Medicine*. 2017; 17(Supp. 1).
- 11/2016** **Ijaz N [P]**, Boon H. “Lost in translation? Linguistic regulatory policies for traditional acupuncturists in North America.” IN-CAM Research Symposium: Toronto, Canada. *Journal of Complementary and Integrative Medicine* 2016; 13:4(eA6).
- 09/2016** **Ijaz N [P]**, Boon H. “Neo-colonial turf wars and traditional medicine regulation.” 4S/EASST Conference, Society for the Social Studies of Science: Barcelona, Spain.
- 07/2016** **Ijaz N [P]**, Boon H. “State risk discourse and the regulatory preservation of traditional medicine knowledge: the case of acupuncture in Ontario, Canada.” Third International Sociological Association Forum: Vienna, Austria.
- 07/2016** MacKeigan L [P], **Ijaz N, Dolovich L.** “Uptake of a pharmacy reimbursement policy: strategies, challenges and recommendations.” International Social Pharmacy Workshop Conference: Aberdeen, Scotland.
- 05/2016** **Ijaz N, Boon H. 2016.** “The need for minimum standards: TCM practitioner perspectives on trans-professional acupuncture regulation in Ontario, Canada.” International Congress on Integrative Medicine and Health: Las Vegas, USA. *Journal of Alternative and Complementary Medicine*. DOI:10.1089/acm.2016.29003.abstracts.
- 01/2016** MacKeigan, L., Dolovich, L., Pojskic, N., MacCallum, L., Consiglio, G., **Ijaz, N.**, Petrovic, B., Jurkovic, A., Bojarski, E. “Mixed methods evaluation of MedsCheck & Pharmaceutical Opinion programs.” Ontario Pharmacy Research Summit: Toronto, Canada.
- 10/2015** MacKeigan L [P], Bensimon C, **Ijaz N**, Winterbottom M, Pojskic N, Bojarski E, MacCallum L, Dolovich L. “Implementation of medication management services: Efficiency trumps quality.” North American Primary Care Research Group Annual Meeting: Cancun, Mexico.
- 09/2015** MacKeigan L [P], Dolovich L, MacCallum L, Pojskic N, Cadarette S, Consiglio G, Petrovic B, **Ijaz N.** “A mixed methods evaluation of a government-funded medication review program in Ontario, Canada.” International Pharmaceutical Federation World Congress of Pharmaceutical Sciences: Duesseldorf, Germany.

- 09/2015** Ijaz N [P], Boon H. “Traditional acupuncture regulation and the English language controversy in North America.” World Federation of Acupuncture-Moxibustion Societies Conference: Toronto, Canada.
- 07/2015** Mulherin, K [P], Ijaz N, Cheng W [Poster]. “Is This Research? A Case of Ethical Tensions in Evaluating Canadian Experiential Education in Pharmacy.” American Association of Colleges of Pharmacy Annual Meeting: Maryland, USA.
- 07/2015** Mulherin K, Ijaz N, Cheng W [Poster]. “What Is Best Practice for Assessing Achievement of ExEd Learning Outcomes: A Systematic Literature Review.” American Association of Colleges of Pharmacy Annual Meeting: Maryland, USA.
- 06/2015** Ijaz N [P], Boon H. “Overlapping marginalities: traditional acupuncture regulation and the English language question in North America.” Canadian Sociological Association Conference: Ottawa, Canada.
- 05/2015** Ijaz N, Boon H [P]. 2015. [Poster] “Statutory regulation of traditional acupuncturists in North America and the English-language controversy.” International Congress on Complementary Medicine Research: Jeju, South Korea. *Integrative Medicine Research*. 2015; 4(Supp. 1).
- 11/2014** Ijaz N, Boon H. “Which public, whose interest: Divergent discourses in two Ontario government reports preceding acupuncture regulation.” IN-CAM Research Symposium: Calgary, Canada. *Journal of Complementary and Integrative Medicine*. 12(1); eA1-eA71.
- 05/2014** Welsh S [P], Boon, H, Meads A, Ijaz N. “Who will be left behind? The changing regulatory status of naturopaths, homeopaths and traditional Chinese medicine/acupuncture practitioners in Ontario.” Congress of the Social Sciences and Humanities: London, Canada.
- 05/2014** Ijaz N [P]. “Canada’s other illegal white substance: evidence, precaution & raw milk policy.” Symposium in Public Health Law & Policy: Toronto, Canada.
- 11/2012** Ijaz N. “Access-gated herbal clinics in North America: Models and themes.” IN-CAM Research Symposium: Toronto, Canada. *Journal of Complementary and Integrative Medicine*. 9(1): 23.
- 04/1994** Samarin WJ [P], Ijaz N, Rao M, & Way D. “Ethnicity and language maintenance in Bangui.” 34th meeting of Northeastern Anthropological Association: Geneseo: USA.

## **PART-TIME RESEARCH APPOINTMENTS**

- 2017 - 18** **Researcher**, Gender-Based Violence Project, Islamic Relief Canada.
- 2015 - 17** **Qualitative Researcher**, SAFETYNet Project (Supporting a Safety Culture for Spinal Manipulation Therapy), University of Toronto
- 2015 - 16** **Qualitative Researcher**, MedsCheck & Pharmaceutical Opinions Project, Ontario Pharmacy Research Collaboration (OPEN), University of Toronto
- 2014 – 15** **Research Assistant**, Canadian Experiential Education in Pharmacy Project, Association of Faculties of Pharmacy of Canada
- 2013 – 14** **Research Forum Co-ordinator**, INCAM Research Network
- 2013 –14** **Research Assistant**, Complementary and Alternative Medicine Professional Regulation Project, University of Toronto

## PROFESSIONAL SERVICE

- 2018 – Editorial Board Member**, Journal of Alternative and Complementary Medicine
- 2018 – Expert Witness**, *Affleck et al. v. Attorney General of Ontario and Attorney General of Canada*, Ontario Superior Court of Justice
- 2018 – Board of Directors**, IN-CAM – Canadian Chapter, International Society for Complementary Medicine Research (ISCMR)
- 2017 – Communications Committee Member**, International Society for Complementary Medicine Research (ISCMR)
- 2017 Expert Witness**, *Downing v. Agricultural Renewal Co-operative Inc.*, Ontario Superior Court of Justice
- 2014 – Peer Reviewer**, Advances in Integrative Medicine; American Botanical Council; BMC Complementary and Alternative Medicine; Canadian Pharmacy Journal; Health; Health Reform Observer; IN-CAM Grant Competition; Journal of Alternative and Complementary Medicine; SAGE Open; Social Science & Medicine; Qualitative Inquiry; World Medical and Health Policy.

## NON-ACADEMIC WORK

- 2007 – 08 Staff Nutritionist**, InspireHealth Integrated Cancer Care Centre, Vancouver BC.
- 1999 – 13 Medical Herbalist, Nutrition Consultant, Shiatsu Therapist**, Private practice.
- 1997 – 98 Regional Office Co-ordinator**. Médecins Sans Frontières / Doctors without Borders Canada, Vancouver BC.
- 1996 – 97 Equity Facilitator**, Anti-Harassment and Discrimination Policy Project, Environmental Youth Alliance, Vancouver, BC.
- 1995 Community Outreach Co-ordinator**, End the Arms Race, Vancouver.
- 1994 – 95 Conference Co-ordinator**, Town of Markham, Ontario.

## CERTIFICATIONS

- 2016 Certificate of Advanced Methodological Training in Qualitative Research**, Centre for Critical Qualitative Health Research, University of Toronto.
- 2007 - 13 Registered Herbalist** (Professional Member), American Herbalists Guild.
- 2005 - 10 Registered Shiatsu Therapist**, Shiatsu Therapy Association of BC.

## LANGUAGES

- English:** Native fluency.
- French:** Fluent reading, good writing, conversational fluency.
- German:** Conversational fluency, can read and write with dictionary.
- Spanish:** Basic conversation, reading and writing.