

Queen's University Team Leads Biographies Research Ethics Board Education Modules

Susan Marlin - Ethics Related Biography

Susan Marlin is the President and CEO of Clinical Trials Ontario (CTO), a not-for-profit organization supported by the Province of Ontario to make Ontario a preferred location for global clinical trials while maintaining the highest ethical standards. The flagship program of CTO is the streamlined research ethics system (CTO Stream), which supports a single review for multi-site clinical trials and health research studies. CTO Stream has nearly 10,000 users, 140+ participating sites and 20 qualified REBs. Prior to joining CTO served as the Associate Vice-Principal at Queen's University. Susan worked with the Canadian Cancer Trials Group for many years coordinating clinical trials and leading the development and implementation of the Ethics and Regulatory Office.

Susan has actively engaged in research ethics for many years. She served as President of the Canadian Association of Research Ethics Boards, as a member of the Canadian Institutes of Health Research (CIHR) Research Integrity Committee, the Ontario Cancer Research Ethics Board and the Tri-Agency Panel on the Responsible Conduct of Research. Susan is on the Board of Directors and Executive Committee of Life Sciences Ontario. She serves on the Operations Committee and is co-chair of the Ethics Committee for the Accelerating Clinical Trials (ACT-Canada) Consortium. She is on the Management Team for the Ontario SPOR (Strategy for Patient-Oriented Research) Support Unit. She is an Adjunct Lecturer at Queen's University in Kingston, Ontario and is the nominated principal investigator on a Canadian Institutes of Health Research funded project (CHEER) to streamline research ethics review for child health research across Canada. She is also the nominated principal investigator for CanReview, the pan-Canadian single research ethics review collaboration recently funded by the CIHR funded Accelerating Clinical Trials (ACT) Consortium.

External Peer-Reviewed Research Funding/Academic Collaborations

- *Nominated Principal Applicant – Accelerating Clinical Trials Consortium CIHR Funded Grant 2024; CanReview: A pan-Canada Single Research Ethics Review*
- *Nominated Principal Applicant – CIHR Grant 2021-2027 (\$2,500,000); Canadian Collaboration for Child Health: Efficiency and Excellence in the Ethics Review of Research*
- *Principal Investigator – CIHR Grant 2022-2025 (\$39,000,000); Accelerating Clinical Trials*

- (ACT Canada); Nominated Principal Applicant: P.J. Devereaux, McMaster University
- *Principal Investigator – CIHR Grant 2020– 2024 (\$963,900)*; Using behavioural science to understand and improve participation in clinical trials: A theory-based research project; Nominated Principal Applicant: Jamie Brehaut, University of Ottawa
 - *Co-Investigator – CIHR Grant 2022-2025 (\$531,674)*; Ethical issues in cluster randomized trials: using stakeholder and patient engagement for general guidance for the ethical design and conduct of trials evaluating clinical, health policy, health systems, and public health interventions; Nominated Principal Applicant: Charles Weijer, University of Western Ontario
 - *Co-Investigator – CIHR Grant 2022-2025 (\$869,831)*; A training platform in Pragmatic Registry-Based Trials: Connecting Canada’s health, data and biomanufacturing sectors; Nominated Principal Applicant: Amit Garg, Western University
 - *Collaborator – Ontario SPOR Support Unit Empower Award 2019-2020 (\$24,956)*; Building Capacity for Patient Oriented Research (POR) in Clinical Trials, Translating the Evidence into Practice, Policy and Outcomes: The POR STEPP Digital Health Project in Ontario; Principal Applicant: Monica Parry, University of Toronto
 - *Collaborator – CIHR Funded Grant 2018-2019 (\$39,928)*; Building Capacity for Patient Engagement and Patient-Oriented Research in Clinical Trials; Nominated Principal Applicant: Monica Parry, University of Toronto
 - *Collaborator – Research Manitoba, New Investigator Operating Grant 2019-2021 (\$126,200)*; Adaptive Design in Pediatric Clinical Trials; Principal Applicant: Lauren Kelley, University of Manitoba
 - *Collaborator – CIHR Funded Grant 2017-2021 (\$780,000)*; Developing a framework for the ethical design and conduct of pragmatic trials to improve the quality and value of health care systems and practices; Nominated Principal Applicant: Monica Taljaard, University of Ottawa
 - *Co-Investigator – CIHR Funded Grant 2013-2020 (\$55,590,000)*; Ontario SPOR Support Unit, Nominated Principal Applicant: Vasanthi Srinivasan

Ethics Related Publications

- Bell, E, **Marlin, S**: Chapter 18, Case Study, Clinical Trials Ontario. In Canadian Health Information, 4th Edition, edited by Rozovsky, L.E., Inions, N.J., Tran, L.E., November 2018.
- Taljaard, M, Weijer, C, Grimshaw, J, Ali, A, Brehaut, J, Campbell, M, Carroll, K, Edwards, S, Eldridge, S, Forrest, C, Giraudeau, B, Goldstein, C, Graham, I, Hemming, K, Phillips Hey, S, Horn, A, Jairath, V, Klassen, P, London, A, **Marlin, S**, Marshall, J, McIntyre, L, McKenzie, J, Nicholls, S, Paprica, A, Zwarenstein, M, Fergusson, D: Developing a framework for the ethical design and conduct of pragmatic trials in healthcare: a mixed methods research protocol. *Trials*, 19:525. September 2018.

- Balkwill, L, Stevenson, J, Stockley, D, **Marlin, S**. Hatching CHRPP: Developing an e-learning tutorial for research ethics. *The MERLOT Journal of Online Learning and Teaching*: 5(1), 120-130, 2009.
- Crump M, Gluck S, Stewart D, Levine M, Pritchard K, Kirkbride P, Dancey J, O'Reilly S, Shore T, Couban S, Girouard C, Abu-Zahra H, Tu D, **Marlin S**, Shepherd L. A Randomized Trial of High-Dose Chemotherapy with Autologous Peripheral Blood Stem Cell Support Compared to Standard-Dose Chemotherapy in Women with Metastatic Breast Cancer. *Journal of Clinical Oncology: Journal of Clinical Oncology* : 26(1):37-43, 2008.
- Reyno L, Seymour L, Tu D, Dent S, Gelmon K, Walley B, Pluzanska A, Gorbunova A, Garin J, Jassem J, Pienkowski T, Dancey J, Pearce L, MacNeil M, **Marlin S**, Lebwohl D, Voi M, Pritchard KI. Phase III Study of N,N-Diethyl-2-[4(Phenylmethyl) Phenoxy] Ethanamine (BMS-217380-01) Combined with Doxorubicin versus Doxorubicin alone in Metastatic/ Recurrent Breast Cancer: National Cancer Institute of Canada Clinical Trials Group Study MA.19. *Journal of Clinical Oncology*: 22(2): 269-276, 2004.
- Paul N, Pater J, Wainman N, **Marlin S**, Sadura A. Description of adverse effects in consent forms for oncology clinical trials. *Controlled Clin.Trials* 24(3S), 234S, 2003.

Denise Stockley - Ethics Related Biography

Dr. Denise Stockley is a distinguished educator and researcher and is a Professor and Scholar in Higher Education at Queen's University in Kingston, Ontario. With a PhD in Educational Psychology, her expertise spans educational technology, professional development, and research ethics. Stockley is recognized for her exemplary leadership in the Society for Teaching and Learning in Higher Education (STLHE), having held pivotal positions including President and Vice-President, where she championed initiatives that promote ethical research practice and scholarship of teaching and learning. Within her work in the Office of the Provost (Teaching and Learning Portfolio), she leads large-scale institutional initiatives aimed at enhancing both the quality of education and educational scholarship. She is an award-winning teacher and researcher, she is a sought-after speaker at conferences, where she shares her expertise on research ethics, educational development, and the scholarship of teaching and learning. Her scholarly work includes numerous publications focusing on research ethics, particularly in relation to the training and preparation of Research Ethics Board (REB) members.

A cornerstone of her research ethics education work was the development and implementation with Susan Marlin of the initial CORE program at Queen's University, which was later licensed and bought by the Secretariat. She led the program evaluation team on behalf of the Secretariat for over 10 years, resulting in a number of publications, presentations, and reports. Stockley's commitment to ethical research practices is further exemplified in the development of education modules withing Canadian Collaboration for Child Health: Efficiency and Excellence in the Ethics Review of Research (CHEER) led by Susan Marlin. This initiative aims to streamline the research ethics review process for child health research across Canada. Additionally, she has been a principal investigator or Co-investigator on several grants aimed at improving research ethics.

Selected Peer Reviewed Publications

- Xie, J., Stockley, D., Hastings Truelove, A., Marlin, S., Zand, R., Payne, J., Miller, M., & Soleas, E. (2024). Needs and preferences of REB members in the development of a new TCPS 2 training program in Canada. *Research Ethics*, 20(3), 613-631.
<https://doi.org/10.1177/17470161231218173>
- Kolomitro, K., Laverty, C., & Stockley, D. (2018). Sparking SoTL: Triggers and stories from one institution. *Canadian Journal of the Scholarship of Teaching and Learning*, 9(1).
<https://doi.org/10.5206/cjsotl-rcacea.2018.1.10>
- Hastings, A., Stockley, D., Kinderman, L., & Egan, R. (2016). Graduate student research in the classroom – Understanding the role of research ethics. *College Student Journal*, 50(3), 361-368.

- Egan, R., Stockley, D., Lam, C., Kinderman, L., & Youmans, A. S. (2016). Research Ethics Board (REB) members' preparation for, and perceived knowledge of research ethics. *Academic Research Ethics*, 1-7
- Stockley, D., Kinderman, L., Egan, R., Lam, C., & Hastings, A. (2016). Evaluating the efficacy of the education and training program of the TCPS 2. *Research Ethics*. <http://rea.sagepub.com/content/early/2016/05/17/1747016116649992>
- Stockley, D., Balkwill, L., & Hoessler, C. (2016). Leaving the nest: The evolution of CHRPP (the Course of Human Participant Protection). *Canadian Journal of Learning and Technology*, 42(1). <http://www.cjlt.ca/index.php/cjlt/article/view/905/454>
- Stockley, D. & Balkwill, L.L. (2013). Raising Awareness of Research Ethics in SoTL: The Role of Educational Developers. *The Canadian Journal for the Scholarship of Teaching and Learning*, 4(1). http://ir.lib.uwo.ca/cgi/viewcontent.cgi?article=1130&context=cjsotl_rcacea
- Balbir, G., Van Melle, E., Cooper, L., Kalish, A., Macpherson, A., Leger, A., Stockley, D., Pearl, D., Decker, E., Gingras, J., Mackenzie, J., Mighty, J., & Johnson, T. (2009). Building Scholarly Communities: Lessons Learned. *Transformative Dialogues*, 3(1). http://kwantlen.ca/TD/TD.3.1/TD.3.1.8_Lessons_Learned.pdf
- Kalish, A., & Stockley, D. (2009). Building Scholarly Communities: Supporting the Scholarship of Teaching & Learning with Learning Communities. *Transformative Dialogues*, 3(1). http://kwantlen.ca/TD/TD.3.1/TD.3.1.1_Introduction.pdf
- Leger, A., Van Melle, E., Mighty, J., & Stockley, D. (2009). Creating a Foundation for SoTL and Academic Advancement at Queen's University. *Transformative Dialogues*, 3(1). http://kwantlen.ca/TD/TD.3.1/TD.3.1.5_Queen%27s_Creating_a_Foundation.pdf
- Balkwill, L., Stevenson, J., Stockley, D., & Marlin, S. (2009). Hatching CHRPP: Developing an e-learning tutorial for research ethics. *MERLOT Journal of Online Learning and Teaching*, 5(1), 120-130.

Selected Book Chapter

- Stockley, D., & Wright, M. (2022). The Course on Research Ethics (CORE): Implications for SoTL. In L. Fedoruk (Ed.) *Ethics and the Scholarship of Teaching and Learning*. Springer.

Selected Technical Reports

- Stockley, D., & Wright, M. (2021). *Evaluating the Efficacy of the Education and Training Program for the Tri-Council Policy Statement (TCPS-2)*. Ottawa, ON: Secretariat on Responsible Conduct of Research.
- Stockley, D., Hastings, A., Garton, K., Abu Eid, S., Savage, J., Norris, M., Kinderman, L., Egan, R., Valkova, K. (2016). *Research Ethics Board Member Needs Analysis Report*. Ottawa, ON: Secretariat on Responsible Conduct of Research.
- Stockley, D., Egan, R., Lam, C., & Kinderman, L. (2013). *Evaluating the Efficacy of the Education and Training Program for the Tri-Council Policy Statement (TCPS-2)*. Ottawa, ON: Secretariat on Responsible Conduct of Research.

Selected Conference Presentations

- Xie, J., Stockley, D., Hastings Truelove, A., Marlin, S., Zand, R., Payne, J., Miller, M., & Soleas, E. (2024). Needs and preferences of REB members in the development of a new TCPS 2 training program in Canada. *PRIM&R 2024*.
- Stockley, D. (2021, October). Scholarship of Teaching and Learning [Keynote address] Genoa Faculty Development Congress, Virtual.
- Fedoruk, L., Godley, J., Guitman, R., Lindstrom, G., Stockley, D., Woomer, C., & Wright, M. (2021, October). *Ethics and the Scholarship of Teaching and Learning* [Paper presentation]. The International Society for the Scholarship of Teaching and Learning, Virtual.
- Stockley, D., Lacaze, T., van Wylick, R., Soleas, T., Hastings-Truelove., A. (2021, January). CHEER Needs Assessment: Educational Needs for REB Members and Researchers [Workshop]. Maternal Infant Child Youth Research Network (MICYRN) General
- Kolomitro, K., Laverty, C., & Stockley, D. (2018, October). *Sparkling SoTL* [Paper presentation]. The International Society for the Scholarship of Teaching and Learning Conference, Bergen, Norway.
- Laverty, C., Kolomitro, K., & Stockley, D. (2016, June). *SoTL Perspectives and supports at one institution* [Poster presentation]. The Annual Meeting of the Society for Teaching and Learning in Higher Education, London, ON, Canada.
- Stockley, D., Egan, R., Lam, C. Y., & Kinderman, L. (2014, June). *Evaluating the efficacy of the education and training program for the Tri-Council Policy Statement (TCPS 2)* [Poster presentation]. The Annual Meeting of the Society for Teaching and Learning in Higher Education, Kingston, ON, Canada.
- Stockley, D., Egan, R., Lam, C. Y., & Kinderman, L. (2014, April). *Evaluating the efficacy of the education and training program for the Tri-Council Policy Statement (TCPS 2)* [Poster presentation]. The Annual Meeting of the Canadian Association of Research Ethics Board, Montreal, PQ, Canada.
- Stockley, D., Egan, R., Lam, C. Y., & Kinderman, L. (2014, April). *Result of the CORE tutorial evaluation* [Paper presentation]. The Annual Meeting of the Canadian Association of Research Ethics Board, Montreal, PQ, Canada.
- Stockley, D., Kinderman, L., Egan, R., & Lam, C. (2013, June). *Evaluating the efficacy of the TCPS 2 education program* [Paper presentation]. The Society for Teaching and Learning in Higher Education (STLHE), Sydney, NS, Canada.
- Stockley, D. & Balkwill, L. (2012, June). *Working within the ethical boundaries of conducting SoTL research* [Paper presentation]. The Society for Teaching and Learning in Higher Education (STLHE), Montreal, Quebec, Canada.
- Stockley, D., Balkwill, L., Bédard, D., Clark, A., Egan, R. Hammond, T., Lam, P. M., Stevenson, J., Taylor, L., Wilson, M. (2011, June) *Conducting ethical research* [Paper presentation]. The Society for Teaching and Learning in Higher Education (STLHE), Saskatoon, Saskatchewan, Canada.
- Stockley, D. (2007, July). *Developing professional skills in new researchers: Best practices in Canada – Queen's University* [Invited presentation]. Developing Professional Skills in New Researchers Workshop for NSERC, SSHRC, CIHR and CAGS in collaboration with STLHE, Ottawa, ON, Canada.

Selected External Funding

Canadian Collaboration for Child Health: Efficiency and Excellence in the Ethics Review of Research (CHEER)

Principal Investigators: Susan Marlin, Richard Carpentier, Thierry Lacaze-Moasmonteil,

Co-Investigators: Denise Stockley and 17 researchers across Canada

Granting Source: Canadian Institutes of Health Research Operating Grant

Period 2020-2025

Total: \$2,491,470.00

Evaluating the Efficacy of the *Education and Training* Program for the *Tri-Council Policy Statement (TCPS-2)*

Principal Investigator: Denise Stockley

Co-Investigators: Denis Bédard, Albert Clark, Rylan Egan, Taralee Hammond, Penina Lam, Joan Stevenson, Lynn Taylor, Margaret Wilson

Granting Source: Tri-Council (CIHR, NSERC, SSHRC)

Period: 2010-2018

Total Grant: \$132,000

Rachel Zand - Ethics Related Biography

For over 20 years, Dr. Rachel Zand has been a leader in the research ethics field in conducting research, creating policy, strategy and training. As Director, Human Research Ethics at the University of Toronto, she gained extensive expertise in breadth and depth of research areas including biomedical and socio-behavioural research, research data management, privacy, ethics of AI and Machine Learning, application of equity, diversity and inclusion in research ethics and organizational change management. In her role she received multiple awards and honours including the Canadian Association of Research Ethics Boards (CAREB) President's Award in 2017 after serving for 10 years on its Board of Directors, including 2 years as President and co-creating REB 101, a staple in training of new research ethics administrators across Canada.

Building on the work she contributed to with CAREB/N2's REB Standard Operating Procedures (SOP) Committee, Rachel developed SOPs for REBs that review multidisciplinary research but not regulated clinical trials. The SOPs have been made broadly available to Canadian institutions since 2021, at which time Rachel helped Clinical Trials Ontario to launch a pilot Observational Health REB Qualification program. The name has been changed to Multidisciplinary Research REB Qualification, and is in the process of being tweaked and rolled out in Ontario.

Books, Peer-reviewed articles

1. Xie, J., Stockley, D., Hastings Truelove, A., Marlin, S., Zand, R., Payne, J., Miller, M., & Soleas, E. (2024). Needs and preferences of REB members in the development of a new TCPS 2 training program in Canada. *Research Ethics*, 20(3), 613-631. <https://doi.org/10.1177/17470161231218173>
2. Paula Rochon, Rachel Zand, Anamika Mishra and Lorraine Ferris. Chapter 6 - *A priori* Publication Agreements to Improve Adherence to Ethics in Research Publications. *Handbook of Bioethical Decisions*. Eds. Erick Valdes and Jan Alberto. 2022.

Presentations

1. Xie, J., Stockley, D., Hastings Truelove, A., Marlin, S., Zand, R., Payne, J., Miller, M., & Soleas, E. (2024). Needs and preferences of REB members in the development of a new TCPS 2 training program in Canada. PRIM&R 2024.
2. Rachel S Rosenberg Zand, Dario Kuzmanovic, Sarah Wakefield, et al. An analysis of REB comments to applicants at the University of Toronto. CAREB National Conference, May 2016.
3. Qaiser Fahim, Rachel Zand. Research Ethics Board Measures of Quality Survey. CAREB National Conference, April 2012.
4. Dean Sharpe, Rachel Zand. A Taxonomy of Risk. CAREB National Conference, April 2012.

5. Rachel S. Rosenberg Zand. Perspectives of REB membership: The good, the bad and the ugly. Public Responsibility in Research and Medicine, National Harbor, MD. December 2011.
6. Diane J Martz, Rachel S. Rosenberg Zand. Perceptions of an REB administrator certification program for Canada. Public Responsibility in Research and Medicine, National Harbor, MD, December 2011.
7. Rachel Zand, Max Smith. Research Ethics Education Needs Assessment Survey of the Toronto Academic Health Sciences Network. CAREB National Conference, May 2010.
8. Rachel S. Rosenberg Zand. 3R's of REB/IRB membership – recruitment, retention and recognition. Public Responsibility in Research and Medicine, Boston, MA, December 2007.
9. Heather Sampson, Rachel S. Rosenberg Zand, Jill Parsons. Increasing capacity and profile by developing a research ethics interest group: Moving from silos to solutions, a Canadian work in progress. Public Responsibility in Research and Medicine, Boston, MA, December 2007.
10. Rachel Zand. 3R's of REB membership – recruitment, retention and recognition of REB Members. Canadian Association of Research Ethics Boards (oral presentation). Montreal, QC, May 2007.