

## Curriculum Vitae

### A • Biographical information

#### 1. Personal

Gillian Einstein  
Department of Psychology, Univ. of Toronto  
100 St. George St  
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416-978-0896

#### 2. Degrees

Postdoctoral Fellowship	1984–85	Northwestern Univ. (Biomedical Engineering)	<i>Linear and Non-Linear Responses of Cat Retinal Ganglion Cells</i> : Christina Enroth Cugell
Postdoctoral Fellowship	1985–88	Duke University	<i>Developing a Lightly-fixed Cortical Slice Preparation to Study Reciprocal Projections in Cat Visual Cortex</i> : David Fitzpatrick
PhD	1978–84	University of Pennsylvania (Anatomy)	<i>The Pattern of Synaptic Input from the Lateral Geniculate Nucleus to Layer IV, Area 17 of the Cat</i> : Peter Sterling
AB, cum laude	1970–74	Harvard University (History of Art)	<i>The Sacred Circle: Plains Indian Buffalo Hide Painting</i> : David Gordon Mitten

#### 3. Employment

##### a. University of Toronto

2018 (Jul)	Full Professor, Department of Psychology Cross-appointed to Dalla Lana School of Public Health (since 2017) Adjunct Scientist, Rotman Research Institute (since 2018) Adjunct Scientist, Women's College Research Institute (since 2006) Member, Institute of Medical Sciences (since 2009)
2017 (Jul) – 2018 (Jun)	Associate Professor, Department of Psychology (100%)
2006 (Jul) – 2017 (Jun)	Associate Professor, Department of Psychology (51%) Associate Professor, Dalla Lana School of Public Health (DLSPH) (49%)
2004 (Jan) – 2006 (Jun)	Associate Professor (Status) Department of Health Sciences Faculty of Medicine
2006 (July)	Tenure awarded
2004 (Jan) – 2006 (Jun)	Associate Director for University of Toronto Partnerships Centre for Research on Women's Health

	Women's College Hospital and University of Toronto	
2004 (June)	Appointment to SGS	
<b>b. Other Teaching and Research Appointments</b>		
2017 (Nov) – 2020	Linköping University	Guest Professor (full) of Gender & Medicine, Faculty of Arts and Sciences—Tema Genus
2014 (Jan) – 2016 (Dec)	Linköping University	Guest Associate Professor of Neuroscience and Gender Medicine Faculty of Medicine and Faculty of Arts and Sciences Department of Clinical and Experimental Medicine (IKE) and Tema Genus.
2010 (Jan) – 2010 (Jun)	Harvard University	Visiting Associate Professor Faculty of Arts and Sciences, Committee on Degrees on Women, Gender, and Sexuality Member of the Senior Common Room, Lowell House
1999 – 2003	National Institutes of Health (U.S.)	Scientific Review Officer (with tenure) Center for Scientific Review Study Section: Molecular, Developmental, and Cellular Neurosciences 2 (MDCN2)
1999 (Sep) – 2000 (Aug)	Duke University	Adjunct Associate Professor, Neurobiology
1989 (Sep) – 1999 (Aug)	"	Assistant Research Professor, Neurobiology Assistant Research Professor, Zoology Senior Fellow, Center for Study of Aging and Human Development Associate, Joseph and Kathleen Bryan Alzheimer's Disease Research Center

#### 4. Honours (since tenure)

2018	Named one of 20 Canadian Brain Research Stars, Brain Canada <a href="https://braincanada.ca/research-stories/celebrating-canadian-leadership-in-brain-research/">https://braincanada.ca/research-stories/celebrating-canadian-leadership-in-brain-research/</a>
2018	The May Cohen Lecture in Women's Health McMaster University, Hamilton, ON
2017–2020	Invited Member, CIHR College of Reviewers
2017–2022	The Wilfred and Joyce Posluns Chair in Women's Brain Health and Aging, Project: <i>The Lived Brain: Whole body effects on women's brain health</i> CIHR Research Chair
2016	Lawrence & Nancy Golden Memorial Lectureship in Mind-Body Medicine University of Buffalo, Buffalo NY
2016	Recognized and Profiled as a Leader in Women's Health in Ontario by the Ontario Women's Health Network ( <a href="http://owhn.on.ca/en/leadership/leaders">http://owhn.on.ca/en/leadership/leaders</a> )
2016	Recognized as a feminist voice in Psychology; Profiled in Psychology's Feminist Voices ( <a href="http://www.feministvoices.com/gillian-einstein/">http://www.feministvoices.com/gillian-einstein/</a> )

#### 5. Professional Affiliations and Activities (since tenure)

2018 (May)	Organized (with Marianne Legato) two-day meeting for the Marini Foundation with 20 on sex/gender and epigenetics with 18 international experts on epigenetics. <i>The world</i>
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- writes on the body: How the environment impacts the genotype*. Florence, Italy. May 24 – 25.
- 2017–2019 Board Member, International Gender Medicine Society
- 2017 (Sep) Organized (with Annie Duchesne, postdoc) Scientific Symposium for the International Gender Society Meeting, *Gender Medicine: The world writes on the body*. Sendai, Japan. Sep 14 – 16.
- 2017 (May) Organized (with Nicole Gervais, postdoc) Scientific Symposium for Canadian Association of Neuroscience: *Estrogen's effect on cognition and the brain: A translational perspective*. Montreal, May 28 – 31.
- 2017 (May) Organized (with Alvin Eisner) Scientific Symposium for the Organization for the Study of Sex Differences: *Effects of Sex and Hormonal Change on Vision and Age-Related Eye Disease*. 11th Annual Meeting of the Organization for the Study of Sex Differences, Montreal, May 15 – 18.
- 2017–2019 Co-Director, GEXcel International Collegium for Advanced Transdisciplinary Gender Studies
- 2016–2017 Editorial Board, *Gender and the Genome* (Sage)
- 2013–2014 Chair, Program Committee 2014 Annual Meeting, Organization for the Study of Sex Differences
- 2010–2012 Chair, Education Committee, Organization for the Study of Sex Differences
- 2010–2012 Councilor, Organization for the Study for Sex Differences
- 2008 Temporary Advisor to World Health Organization on: Psychological Effects of Female Genital Mutilation (Nov 4–6)
- 2006–2009 Treasurer, Organization for the Study of Sex Differences

## B • Academic History

### 1. Research Endeavours

- a. *Effects of Estrogen Withdrawal*—Cognitive and Brain Changes in women with oophorectomy prior to natural menopause: This is a study of the effects of estrogen withdrawal in women with the breast cancer mutation (BRCA 1/2). It involves neuropsychological testing, brain imaging, APOE genotyping, hormone measurement and, in other sites, the same plus measuring immune system response, inflammation, and stress. Experiments are ongoing. We are establishing other sites such as in Linköping, Sweden and Montreal in order to increase recruitment and expand the body systems being studied (e.g., Linköping: immune system and qualitative interviewing; Montreal: stress).
- b. *Cognition in Trans-Individuals*—Study of the effects of hormone (testosterone) treatment on tasks with male bias in female-to-male transsexuals. Nascent activity with book chapter being drafted, conference proposals submitted, and completed undergraduate thesis study.
- c. *Expressions of Pain in Women*—This includes
  - i. A qualitative study of elderly South Asian women. Ongoing with review paper and qualitative study drafted.
  - ii. A qualitative, quantitative, and physiological study of Somali women with female genital circumcision/mutilation/cutting (FGC). Working on drafting papers from already completed study.
  - iii. A community-based project on women with FGC using qualitative methods to understand their

health concerns. Just beginning to establish community advisory group and writing ethics application.

- d. *Measuring Gender and Thinking About its Incorporation in Preclinical Animal Models*—In collaboration with colleagues at CIHR, NIH, Organization for the Study of Sex Differences, and Stanford.

## 2. Research Awards (since tenure)

### a. Principal Investigator

1. 2017/01 – 2022/01	The Lived Brain: Whole body effects on women's brain health, CIHR Research Chair: The Wilfred and Joyce Posluns Chair in Women's Brain Health Canadian Institutes of Health Research PI: Gillian Einstein	\$1,000,000
2. 2016/09 – 2019/08	Kognitiv hälsa och välmående bland kvinnor med BRCA 1/2 genmutation efter avlägsnande av äggstockarna, Cancerfonden PI: Gillian Einstein Co-PI: Preben Kjølhede	SEK 1,800,000 (=\$269,000 CAD)
3. 2013/09 – 2017/08 (2018 no cost extension)	Neuropsychological functioning of Women with Prophylactic Oophorectomy Canadian Institutes of Health Research PI: Gillian Einstein Co-I: Mary Tierney	\$393,143
4. 2013/09 – 2016/08 (2017 no cost extension)	Cognition and Estrogen Deprivation in BRCA Women with Prophylactic Oophorectomy Canadian Breast Cancer Foundation PI: Gillian Einstein Co-I: Mary Tierney	\$371,897

### b. Co-Investigator or consultant

5. 2019/12 – 2022/11	GenderNet: Sharing Actions and Strategies for Respectful and Equitable Health Care for Women with FGC/M Canadian Institutes of Health Research and European Union PI: Bilkis Vissandje Co-I Canada: Gillian Einstein (and others)	\$600,183
6. 2017/07 – 2022/06	Sexual Pain and Genital Cutting Among Somali Women in Minnesota, National Institutes of Health, ROI HD091685-01 PI: Beatrice Ellen Robinson Consultant: Gillian Einstein	\$3,739,917 (USD)
7. 2017/04 – 2022/03	The impact of sex, menopausal status and +APOE4 risk for Alzheimer's Disease on the neural correlates of episodic memory in healthy middle aged adults Canadian Institutes of Health Research	\$833,850

	PI: Natasha Rajah Co-PI: Gillian Einstein (and others)	
8. 2017/01 – 2019/12	Kognitiv hälsa och välmående bland kvinnor med BRCA 1/2 genmutation efter avlägsnande av äggstockarna FORSS PI: Preben Kjölhede Co-PI: Gillian Einstein	SEK 200,000 (= \$30,000 CAD)
9. 2017/01 – 2018/12	Kognitiv hälsa och välmående bland kvinnor med BRCA 1/2 genmutation efter avlägsnande av äggstockarna Hälsofonden PI: Elisabeth Åvall Lundqvist Co-PI: Gillian Einstein	SEK 25,000 (= \$3,750 CAD)
10. 2017/01 – 2018/12	Kognitiv hälsa och välmående bland kvinnor med BRCA 1/2 genmutation efter avlägsnande av äggstockarna Medicinska fakultetens fondstyrelse PI: Elisabeth Åvall Lundqvist Co-PI: Gillian Einstein	SEK 100,000 (= \$15,000 CAD)
11. 2016/03 – 2017/02	Investigating Experiences and Health Concerns of Female Genital Mutation among African Women in Toronto Women's XChange, Women's College Hospital PI: Jacobet Wambyi Co-PI: Gillian Einstein	\$14,992
12. 2014/05 – 2016/04	Canadian Consortium on Neurodegeneration and Aging Canadian Institutes of Health Research PI: Howard Chertkow Co-Applicant: Gillian Einstein (and others) Women, Sex, Gender and Dementia Platform Co-PIs: Gillian Einstein and Mary Tierney \$31,500,000 Total (\$2,000,000 to Women, Sex Gender, and Dementia Platform)	\$650,390 running costs total; \$65,039/yr to each Co-Lead
13. 2014/03 – 2015/02	Girls, Women, Prescription Drug Use, Trauma and Chronic Pain— Canadian Research Initiative in Substance Misuse PI: Lorraine Greaves Co-Applicant: Gillian Einstein (and others)	\$49,999
c. Pending		
1. 2019/03 – 2024/02	Canadian Consortium on Neurodegeneration and Aging Canadian Institutes of Health Research PI: Howard Chertkow Co-I: Gillian Einstein (Lead on Women, Gender, Sex, and Dementia Program) (and others)	\$46,000,000
2. 2019/05 – 2020/04	Characterizing Cancer-Induced Cognitive Impairment in Older Adults through the CLSA	\$70,000

	Canadian Institutes of Health Research 2018-09-05 PI: Malcolm Binns Co-Applicant: Gillian Einstein (and others)		
3.	2019/07 – 2024/06	Stress, Sleep, and Inflammation with Estrogen Loss: Exploring risk factors for dementia in women Canadian Institutes of Health Research PI: Gillian Einstein	\$1,225,000
4.	2019/07 – 2023/06	Neurobiology of autism spectrum disorder in females: a sex-informed investigation Canadian Institutes of Health Research PI: Meng-Chuan Lai Co-I: Gillian Einstein (and others)	\$695,000
<b>d. Student Fellowships</b>			
1.	2018–2019	Laura Gravelsins: COMT genotype's effects on dopamine-dependent working memory in oral contraceptive users CIHR Masters Award	\$17,500
2.	2017–2018	Danielle Jacobson: Healthcare Experiences of Women with Female Genital Circumcision/mutilation/cutting (FGC) OGS	\$15,000
3.	2017–2019	Anne Almey: Negative impacts of oophorectomy prior to natural menopause on women's brain and cognition: investigating the mediating role of cortisol Alzheimer's Society Postdoctoral Fellowship in Women's Brain Health and Aging	\$103,000
4.	2017–2019	Nicole Gervais: Sleep and Inflammation in Women with Oophorectomy Alzheimer's Association Research Fellowship (US)	\$130,000 CAD
5.	2017–2018	Rebekah Reuben: The Impact of Estrogens on Cognition CIHR Masters Award	\$17,500
6.	2016–2018	Nida Mustafa: Pain in Elderly South Asian Women Enid Walker Graduate Student Award in Women's Health Research (Women's College Hospital)	\$50,000
7.	2014–2015 2015–2016	April Au: The Effects of Estrogen Deprivation on Cognition in Women with the BRCA 1/2 Mutation Enid Walker Graduate Student Award in Women's Health Research (Women's College Hospital)	\$12,500/yr
8.	2014/05 – 2017/04	Laila Rahman: Exploring Women's Perspectives of the Multiple Forms of Frederick Banting and Charles Best Canada Graduate Scholar-	\$105,000

	Violence against Female Garment Workers in Bangladesh: A Socio-Ecological Lens Towards Determining Drivers and Finding Solutions	ships (CIHR ; doctoral)	
9. 2015/09 – 2016/08	" "	Lupina Senior Doctoral Fellowship, Comparative Program on Health and Society, Munk School of Global Affairs	\$7,000
10. 2014/07 – 2015/06	Arija Birze: Emotional Labour: Gender, Work, and Stress	Currie Fellowship (PhD)	\$70,000
11. 2013/09 – 2014/08	Sonam Shah: Pain in Elderly South Asian Women	CIHR /Canadian Pain Society (masters)	\$17,500
12. 2013/01 – 2014/12	Samah Hassan: Addiction, Pain, and the Menstrual Cycle	Queen Elizabeth Graduate Fellowship Award in Addictions (masters)	\$15,000
13. 2012/09 – 2013/08	" "	Mitchell and Venn Women's Mental Health Fellowship (masters)	\$10,000
14. 2012/01 – 2012/12	" "	IMPART/CIHR Fellowship (masters)	\$17,000

### 3. Patents (awarded in the last 5 years)

## C • Scholarly and Professional Work

### 1. Refereed Publications

#### a. Articles (\*=student or postdoctoral fellow)

- Jacobson\*, D., Glazer\*, E., Duplessis\*, D., Blom\*, K., Mason, R., Angus, J., Du Mont, J., Einstein, G. (2018) The lived experience of female genital cutting (FGC) in Somali-Canadian women's daily lives. *PLoS ONE* 13(11): e0206886. <https://doi.org/10.1371/journal.pone.0206886>.
- Edwards, H., \*Duchesne, A., \*Au, A., M., Einstein, G. (2018) The many menopauses: Implications for research and clinical practice. *Menopause*, DOI: 10.1097/GME.0000000000001171. (21 PAGES)
- \*Skop, M., Lorentz, J., Vesprini, D., Einstein, G. (2018). "Guys don't have breasts": The lived experience of men who have BRCA gene mutations and are at risk for male breast cancer. *American J Men's Health*. 12: 961-972. (12 PAGES) 1-12.  
DtOpst://Id0o.i.lolrg7/71/01.1515779/1858537198787351372745312. (11 PAGES).
- Hankivsky, O., Doyal, L., Einstein, G., Ursula, K., Shim, J., Weber, L., Repta, R. (2017). The odd couple: Using biomedicine and intersectional approaches to address health inequities. *Global Health Action*. 10:SUP2, 1326686, DOI:10.1080/16549716.2017.1326686. (14 PAGES)

5. Romans, SE, Clarkson, RF, Einstein, G., Kriendler, D, Laredo, S, Petrovic, MJ & Stanely, J. (2017) Crying, oral contraceptive use and the menstrual cycle. *J Affective Disorders* 208:272-277. (6 PAGES)
6. \*Duchesne, A., Tannenbaum, C. & Einstein, G. (2016) Funding agency mechanisms to increase sex and gender analysis. *The Lancet*, 389(10070): 699. (1 PAGE)
7. Miller, LR., Marks, C., Becker, JB., Hurn, PD., Chen, W-J., Woodruff, T., McCarthy, MM., Sohrabji, F., Schiebinger, L., Wetherington, CL., Makris, S., Arnold, AP., Einstein, G., Miller, VM., Sandberg, K., Maier, S., Cornelison, TA., & Clayton, JA. (2016). Considering Sex as a Biological Variable in Preclinical Research. *FASEB*, 31(1): 29-34 (6 PAGES)
8. Miller, VM., Kararigas, G., Seeland, U., Regitz-Zagrosek, V., Kublickiene, K., Einstein, G., Casanova, R., & Legato, MJ. (2016). Integrating topics of sex and gender into medical curricula – lessons from the international community. *Biology of Sex Differences*, 7(Suppl 1):44 DOI 10.1186/s13293-016-0093-7. (6 PAGES)
9. \*Hassan, S., Gordon, A., & Einstein, G. (2016) Sex Differences in Overlapping Chronic Non-cancer Pain Conditions in a Tertiary Pain Clinic. *Pain Management & Medicine*. 2:1 (5 PAGES)
10. \*Au, A., \*Feher, A., \*McPhee, L., \*Jessa A., \*Oh, S. & Einstein, G. (2016). Estrogens, Inflammation and Cognition. *Frontiers in Neuroendocrinology*. 40: 87-100. (13 PAGES)
11. Sandberg, K., Ji, Hong, Einstein, G., \*Au, A., & Hay, M. (2015) Is Immune System Related Hypertension Associated with Ovarian Hormone Deficiency? *Experimental Physiology* 101(3): 368–374. (6 PAGES)
12. \*Li, D.X., Romans, S., De Souza, M.J., Murray, B., & Einstein, G. (2015) Actigraphic and self-reported sleep quality in women: associations with ovarian hormones and mood. *Sleep Medicine* 16(10): 1217-1224. (7 PAGES)
13. Romans, S., Kreindler, D., Einstein, G., Laredo, S. Petrovic, M.J., & Stanley, J. (2015) Sleep Quality and the Menstrual Cycle. *Sleep Medicine* 16(4): 489-495. (14 PAGES)
14. \*Hassan, S., \*Muere, A., & Einstein, G., (2014) Ovarian hormones and chronic pain: A comprehensive review. *Pain* 155(12)120: 2448-2460. (12 PAGES)
15. \*Yang, X & Einstein, G. (2013) The impact of subjective norms: the theory of reasoned action together with the social ties structure predict the intention to select fetal sex in rural China. *Women's Studies International Forum* (<http://dx.doi.org/10.1016/j.wsif.2013.09.004>). (11 PAGES)
16. Einstein, G., Downer, J., & Kennedy, S. (2013) Gender/sex differences in emotion. *Medicographia* #116, 35(3): 271–280 (9 PAGES)
17. Romans, S.E., Kreindler, D., Asllani, E., Einstein, G., Laredo, S., Levitt, A., Morgan, K., Petrovic, M., Toner, B., & Stewart, D.E. (2013) Mood and the menstrual cycle. *Psychotherapy and Psychosomatics*, 82: 53–60. (7 PAGES)
18. \*Di Noto, P., \*Newman, L., Wall, S., & Einstein, G. (2013) The *her-munculus*: what is known about the representation of the female body in the brain? *Cerebral Cortex*. 23(5): 1005–1013. (8 PAGES)  
 — Note: This paper elicited a blog in the Huffington Post by Anne Fausto-Sterling ([http://www.huffingtonpost.com/dr-anne-fausto-sterling/the-hermunculus-before-yo\\_b\\_1615825.html](http://www.huffingtonpost.com/dr-anne-fausto-sterling/the-hermunculus-before-yo_b_1615825.html))



19. Einstein, G., \*Au, A., \*Klemensberg, J., \*Shin, E.M., & \*Pun, N. (2012) The gendered ovary: whole body effects of oophorectomy. *Canadian Journal of Nursing Research*. 44: 7–17. (10 PAGES)
20. Romans, S., Clarkson, R., Einstein, G., & Stewart, D. (2012) Mood & the menstrual cycle: A review of prospective data studies of mood and the menstrual cycle. *Gender Medicine* 9(5), 361–384. (23 PAGES)
  - Note: This paper elicited an enormous interest from the press, including articles in:
    - a. *The Atlantic* (<http://www.theatlantic.com/health/archive/2012/10/pms-and-the-wandering-womb/263398/>)
    - b. *Jezebel* (<http://jezebel.com/5952272/look-pms-makes-you-moody-not-completely-fuckingincompetent>)
    - c. *Time* (<http://healthland.time.com/2012/10/22/pms-is-a-myth-new-study>)
  - Second most popular 2012 news story at University of Toronto (after the GOD Particle!)
    - a. (<http://news.utoronto.ca/year-review-top-10-university-toronto-stories-2012>)
21. \*Schwartz, D., Romans, S., \*Meiyappan, S., DeSouza, M.J., & Einstein, G. (2012) The role of ovarian steroids in mood. *Hormones and Behavior*, 62, 448–454. (6 PAGES)
22. \*Kumar, R & Einstein, G. (2012) Cardiovascular disease in Somali women in the diaspora. *Current Cardiovascular Risk Reports*, 6(3), 229–237. Open access: cites/doc (2y) (9 PAGES)
23. \*Bellem, A., \*Meiyappan, S., Romans, S., & Einstein, G. (2011) Measuring estrogens and progesterogens in humans: an overview of methods. *Gender Medicine* 8: 283–299. (16 PAGES)
24. Einstein, G. & Shildrick, M. (2009) The postconventional body: Re-theorizing women’s health. *Soc. Sci. Med.* 69: 293–300 (7 PAGES)
25. Einstein, G. (2008) From body to brain: considering the neurobiological effects of female genital cutting. *Persp. Biol. Med.* 51: 84–97. (13 PAGES)
26. \*Skotko, B., Andrews, E., & Einstein, G. (2005) Language and the medial temporal lobe: evidence from H.M.’s spontaneous discourse. *J. Mem. Lang.* 53: 397–415. (18 PAGES)
27. \*Skotko, B., Kensinger, E.A., Locascio, J.J., Einstein, G., Rubin, D., Tupler, L., Krendel, A., & Corkin, S. (2004) Puzzling thoughts for HM: can new semantic information be anchored to old semantic memories? *Neuropsychol.* 18: 756–769. (13 PAGES)
28. Benveniste, H., Einstein, G., Kim, K.R., Hulette, C., & Johnson, G.A. (1999) Detection of neuritic plaques in Alzheimer’s disease by magnetic resonance microscopy. *PNAS* 96: 14079–14084. (5 PAGES)
29. Einstein, G., \*Patel, V., \*Bautista, S.P., \*Kenna, M., \*Melone, L., \*Fader, R., \*Karson, K., \*Mann, S., Saunders, A., Hulette, C., Mash, D., Roses, A., & Schmechel, D. (1998) Intraneuronal apoE in human visual cortical areas reflects the staging of Alzheimer’s disease pathology. *J. Neuropathol. Exp. Neurol.* 57: 1190–1201. (11 PAGES)
30. \*Miranda, P., Williams, C.A., & Einstein, G. (1999) Granule cells in aging rats are sexually dimorphic in their response to estradiol. *J. Neurosci.* 19: 3316–3325. (9 PAGES)
31. McNeil, M.A., Einstein, G., & Payne, B.R. (1997) Transgeniculate signal transmission to middle suprasylvian cortex in intact cats and following early removal of areas 17 and 18: a morphological study. *Exper. Brain Res.* 114: 11–23. (12 PAGES)

32. Roses, A.D., Saunders, A.M., Corder, E.H., Risch, N.J., Haines, J.L., Pericak-Vance, M.A., Han, S.-H., Einstein, G., Hulette, C., Schmechel, D.E., Goedert, M., Jakes, R., Dong, L.-M., Weisgraber, K.H., Holsti, M., Huang, D., & Strittmatter, W.J. (1996) Apolipoprotein E and Alzheimer's disease. In: Shibuya, T. (ed): *Pre-Clinical and Clinical Strategies for the Treatment of Neurodegenerative, Cerebrovascular and Mental Disorders*. Int. Acad. Biomed. Drug Res. Basel, Karger, 11: 187–197. (10 PAGES)
33. Levin, E.D., Torry, D., Christopher, N.C., Yu, X., Einstein, G., & Schwartz-Bloom, R. (1996) Is binding to nicotinic acetylcholine and dopamine receptors related to working memory in rats? *Brain Res. Bull.* 43: 295–304. (9 PAGES)
34. Roses, A.D., Einstein, G., Gilbert, J., Goedert, M., Han, S.-H., Huang, D., Hulette, C., Masliah, E., Pericak-Vance, M.A., Saunders, A.M., Schmechel, D.E., Strittmatter, W.J., Weisgraber, K.H., & Xi, P.T. (1996) Morphological, biochemical, and genetic support for an apolipoprotein E effect on microtubular metabolism. [Review] *NY Acad. Sci.* 777: 146–157. (11 PAGES)
35. Roe, M.T., Dawson, D.V., Hulette, C.M., Einstein, G., & Crain, B.J. (1996) Microglia are not exclusively associated with plaque-rich regions of the dentate gyrus in Alzheimer's disease. *J. Neuropathol. Exp. Neurol.* 55: 366–371. (5 PAGES)
36. Einstein, G. (1996) Reciprocal projections of cat extrastriate cortex: I. Distribution and morphology of neurons projecting from Posterior Medial Lateral Suprasylvian Sulcus to area 17. *J. Comp. Neurol.* 376: 518–529. (11 PAGES)
37. Roses, A. D., Saunders, A.M., Corder, E.H., Pericak-Vance, M., Han, S.-H., Einstein, G., Hulette, C., Schmechel, D.E., Holsti, M., Huang, D., Risch, N.J., Haines, J.L., Goedert, M., Jakes, R., Dong, L.-M., Weisgraber, K.H., & Strittmatter, W.J. (1995) Influence of the susceptibility genes apolipoprotein E- $\epsilon$ 4 and apolipoprotein E- $\epsilon$ 2 on the rate of disease expressivity of late-onset Alzheimer's disease. *Arzheimitter-Forschung/Drug Research* 45(1), 3a, 413–417. (4 PAGES)
38. Han, S.-H., Einstein, G., Weisgraber, K.H., Strittmatter, W.J., Saunders, A.M., Pericak-Vance, M., Roses, A.D., & Schmechel, D.E. (1994) Apolipoprotein E is localized to the cytoplasm of human cortical neurons: a light and electronic microscopic study. *J. Neuropathol. Exp. Neurol.* 53: 535–544. (9 PAGES)
39. Han, S.-H., Hulette, C., Saunders, A., Einstein, G., Pericak-Vance, M., Strittmatter, W.J., Roses, A.D., & Schmechel, D.E. (1994) Apolipoprotein E is present in hippocampal neurons without neurofibrillary tangles in Alzheimer's disease and in age-matched controls. *Exp. Neurol.* 128: 13–26. (13 PAGES)
40. Einstein, G., \*Buranosky, R., & Crain, B.J. (1994) Dendritic pathology of granule cells in Alzheimer's disease is unrelated to neuritic plaques. *J. Neurosci.* 14: 5077–5088. (11 PAGES)
41. Fitzpatrick, D., Usrey, W.M., Schofield, B.R., & Einstein, G. (1994) The sublaminar organization of corticogeniculate neurons in layer 6 of macaque striate cortex. *Vis. Neurosci.* 11: 307–315. (8 PAGES)
42. Einstein, G. (1993) Intracellular dye injection into neurons in fixed human brain tissue. *Neurosci. Protocols* 93–050–18–01–13. (5 PAGES)
43. Lee T., Ellinwood, E.H., & Einstein, G. (1992) Intracellular recording from dopamine neurons in the substantia nigra: double labeling for identification of projection site and morphological features. *J. Neurosci. Meth.* 43: 119–127. (8 PAGES)

44. Einstein, G. & Fitzpatrick, D. (1990) Distribution and morphology of area 17 neurons that project to the cat's extrastriate cortex. *J. Comp. Neurol.* 303: 132–149. (17 PAGES)
  45. Troy, J.B., Einstein, G., Schuurmans, R.P., Robson, J.G., & Enroth-Cugell, C. (1989) Responses to sinusoidal gratings of two types of very nonlinear retinal ganglion cells of cat. *Vis. Neurosci.* 3: 213–223. (10 PAGES)
  46. Einstein, G. (1988) Intracellular injection of Lucifer yellow into cortical neurons in lightly fixed sections and its application to human autopsy material. *J. Neurosci. Meth.* 26: 95–103. (8 PAGES)
  47. Einstein, G., Davis, T.L., & Sterling, P. (1987) Pattern of lateral geniculate synapses on neuron somata in layer IV of the cat striate cortex. *J. Comp. Neurol.* 260: 76–86. (10 PAGES)
  48. Einstein, G., Davis, T.L., & Sterling, P. (1987). Ultrastructure of synapses from the A-Laminae of the lateral geniculate nucleus in layer IV of the cat striate cortex. *J. Comp. Neurol.* 260: 63–75. (12 PAGES)
  49. Aoki, A., Einstein, G., & Fawcett, D.W. (1976). Tannic acid as an electron dense probe. *Am. J. Anat.* 146: 449–453. (4 PAGES)
- b. Books and/or Chapters
1. Einstein, G., \*Jacobson, D., \*Lee, J. (2018). An analytic review of the literature on Female Genital Circumcision/mutilation/cutting (FGC): The Möbius strip of body and society for FGC-affected women. In: Griffin, G. & Jordal, M. (eds) *Body, Migration, Re/constructive Surgeries: Making the Gendered Body in a Globalized World*. Oxford, Taylor & Francis. (IN PRESS)
  2. Einstein, G. (2017). Sex and gender in health: The world writes on the body. In: Legato, M. & Glezerman, M. (eds) *International Gender Specific Medicine*. New York, Elsevier pp. 45-53. (8 PAGES)
  3. \*Watt, S. & Einstein, G. (2016). Beyond the Binary: The Corporeal Lives of Trans Individuals. In; Schreiber, G. (ed). *Transsexualität in Theologie und Neurowissenschaften.*, Walter de Gruyter., pp. 55-74. (19 PAGES)
  4. Einstein, G., Blake, J. (1<sup>st</sup> ed: 2014 & 2<sup>nd</sup> ed: 2017—with \*Duchesne, A. Sex Hormones and Human Sexuality (chapter 5) In: Pukall, C (Ed) *Human Sexuality*. New York: Oxford Univ. Press, 107–130. (23 PAGES)
  5. Einstein, G. (2012) Situated Neuroscience: Elucidating a Biology of Diversity. in: Bluhm, R., Maibom, H., & Jacobson, A.J. (Eds). *Neurofeminism: Issues at the Intersection of Feminist Theory and Cognitive Science*, New York: Palgrave MacMillan, 145–174. (29 PAGES)
  6. Einstein, G. (2012) Measuring Biological Sex. in: Oliffe, J. & Greaves, L. (Eds) *Design and Research in Gender, Sex, and Health*, San Francisco: Sage, 85–102. (17 PAGES)
  7. Einstein, G. & Flanagan, O.J. (2003). Sexual Identities and Narratives of Self. in: Fireman, G.D., McVay, T.E., & Flanagan, O.J. (Eds) *Narrative and Consciousness: Literature, Psychology, and the Brain* In: New York: Oxford Univ. Press, 209–231. (22 PAGES)
  8. Einstein, G. (1997–2004) Sex, Sexuality and the Brain. In: eds. Purves, D., Augustine, G.J., Fitzpatrick, D., Katz, L.C., LaMantia, A-S, McNamara, J.O., & Williams, M., *Neuroscience*. Boston: Andrew Sinauer [1st, 2nd, and 3rd Editions].

9. Roses, A. D., Saunders, A.M., Corder, E.H., Risch, N.J., Haines, J.L., Pericak-Vance, M.A., Han, S-H., Einstein, G., Hulette, C., Schmechel, D.E., Goedert, M., Jakes, R., Dong, L-M. Weisgraber, K.H., Holsti, M., Huang, D., & Strittmatter, W, (1995) Apolipoprotein E and Alzheimer's Disease. in: Iqbal, K., Mortimer, J.A., Windblad, B., & Wisniewski, H.M. (Eds). *Research Advances in Alzheimer's Disease and Related Disorders*. New York: John Wiley & Sons, pp. 85–96. (11 PAGES)
  10. Einstein, G., \*Farris, D., & Crain, B.J. (1993). Investigating Single Neurons in Human Autopsy Material. in: Meredith, G.E. & Arbuthnott, G.W. (Eds). *Morphological Investigations of Single Neurons in Vitro*. John Wiley & Sons, Ltd., Chichester, England, pp. 105–127. (22 PAGES)
- c. Books, Conference Proceedings, and Journals Edited
1. Einstein, G. (2007) *Sex and the Brain: A Reader*, MIT Press. (Edited plus authored introduction to each section of papers, commenting on the relationship of the experiments to each other, and on their contribution to the field of hormones and behavior.) (834 PAGES)
  2. Einstein, G. & Birn, A-E. (eds.) (2013) *Women's Health and Urban Life: Special Graduate Student Issue, Contextualizing the Body*. 12(1). (NB: all articles from students in the Collaborative Graduate Program in Women's Health, Univ. of Toronto and peer-reviewed)  
([http://www.utsc.utoronto.ca/~womenshealth/womenshealth/Blog/Entries/2013/5/1\\_Vol\\_12\\_Issue\\_1\\_2013\\_Content.html](http://www.utsc.utoronto.ca/~womenshealth/womenshealth/Blog/Entries/2013/5/1_Vol_12_Issue_1_2013_Content.html)) (126 PAGES)

## 2. Non-Refereed Publications

### a. Articles

1. Podnos, A. & Einstein, G. (2013) Sex and immunity: the importance of biological sex in immune responses. *IMS Magazine*. Spring 2013. (<http://www.imsmagazine.com/archives/915>)
2. \*Malinowska O., Einstein, G., Feldman, K., Tile, L., & Nyhof-Young, J. (2012). "Does Parity Mean Equality?" An Assessment of the Gender Climate for Undergraduate Medical Students. *University of Toronto Medical Journal*: 89 Supplement Jan 24: s49 #HC-15
3. Migliardi, P., Vissandjee, B., & Einstein, G. (2011) At the crossroads: Healthcare experiences of women with female genital cutting. *Intersections: A Newsletter of the Institute of Gender and Health*. 3(1): 7.
4. Einstein, G. (2008) Sex: Does it gotta be this or that? *Ideas* 5(1): 26–31. Received press coverage in *Off the rack: Ideas, Toronto Star*, Apr 13.
5. Einstein, G. (1999) To each her own: sexual dimorphisms in Alzheimer's disease. *Neurobiol. Aging* 20: 439–440.
6. Einstein, G. & Roses, A.D. (1998) Estrogens and Alzheimer's disease. *Sci. Am. Med. Bull.* 10: 1
7. Einstein, G. (1995) Sex and the brain: are there consequences for neurology? *J. Women's Health Res.* 4: 1–2.

### b. Books and/or Chapters

8. Einstein, G., Legato, M.J., Barros, S.P., Juster, R-P, McEwen, B.S. (2017) How the Social Becomes the Biological: The Interaction Between the Genome and the Environment. *Gender and the Genome*. 1:97-107. <https://doi.org/10.1089/gg.2017.29006.rtl>

9. Einstein, G. (2015) Interview: Bridging the biological and the social in neuroscience. In: Greaves, L., Poole, N., Boyle, E. (Eds.) *Transforming Addictions: Gender, Trauma, Transdisciplinarity*. Routledge International. New York, 97-106.
10. Einstein, G. ed., Office for Research on Women's Health (2004), *Proceedings of the Conference: The Recruitment and Retention of Women and Minorities in Clinical Studies: The Critical Role of Relevance*. Feb, 2003. Bethesda, MD (published by The US Department of Health and Human Services).

c. Books Edited

3. Manuscripts/Publications in Preparation or Submitted

1. Nielsen, M.W., Peragine, D., Neilands, T.B., Stefanick, M.L., Ioannidis, J., Pilote, L. Prochaska, J.J., Cullen, M.R., Einstein, G., Klinge, I., LeBlanc, H., Paik, H.Y., Ristvedt, S., & Schiebinger, L. (2018) Gender Variables in Health Research. (UNDER REVIEW, LANCET)
2. \*Peragine, D. \*Watt, S., \*Simeon-Spezzaferro, C. Einstein, G. (2018) Activation by estrogens and androgens affects transmasculine cognition. (UNDER REVISION).
3. \*Babinski, S., Lai, M-C., Einstein, G. (2018) Co-occurring Physical Health Conditions in Females with Autism: A Scoping Review. (REVISING FOR MOLECULAR AUTISM).
4. \*Gervais, N., \*Au, A., Hampson, E., Tierney, M., Einstein, G. Memory changes in women with the BRCA mutation and bilateral salpingo oophorectomy (IN PREPARATION)

4. Papers Presented at Meetings and Symposia (\*=undergraduate, graduate student or postdoctoral fellow )

1. \*Almey, A., \*Gervais, N., \*Duchesne, A., \*Reuben, R., \*Gravelsins, L., \*Baker-Sullivan, E., Witt, S.T., Rydmark Kersley, Å., Classon, E., Lykke, N., Shildrick, M., Åsberg, C., Theodorsson, E., Ernerudh, J., Åvall Lundqvist, E., Kjølhed, P., Grady, C., & Einstein, G. (2018). The effect of bilateral salpingo-oophorectomy prior to spontaneous menopause on cortical thickness and measures of attention and working memory: preliminary findings. Poster at Society for Neuroscience, San Diego, CA. Nov 3 – 7.
2. \*Gervais, N.J., \*Almey, A., \*Duchesne, A., \*Reuben, R., \*Gravelsins, L., \*Baker-Sullivan, E., Wong, A., Olsen, R., Grady, S., & Einstein, G. (2018, November). *Bilateral salpingo-oophorectomy reduces CA1 volume and impairs hippocampal-dependent memory in middle-aged women: preliminary findings*. Poster at 48<sup>th</sup> Annual Meeting, Society for Neuroscience, San Diego, CA. Nov 3 – 7.
3. \*Almey, A., \*Gervais, N., \*Duchesne, A., \*Reuben, R., \*Gravelsins, L., \*Baker-Sullivan, E., Witt, S.T., Rydmark Kersley, Å., Classon, E., Lykke, N., Shildrick, M., Åsberg, C., Theodorsson, E., Ernerudh, J., Åvall Lundqvist, E., Kjølhed, P., Grady, C., Rajah, N. & Einstein, G. (2018). The effect of bilateral salpingo-oophorectomy prior to spontaneous menopause on cortical thickness and measures of attention and working memory: preliminary findings. Poster presented at the International Neuroinformatics Coordinating Facility (ICNF) conference, Montreal, QC. Aug 9 – 10.
4. \*Gervais, N.J., \*Baker-Sullivan, E., Grady, S., Olsen, R., \*Gravelsins, L., \*Reuben, R., & Einstein, G. (2018). *Structural integrity of the medial temporal lobe and recognition memory following natural and surgical menopause*. Poster presented at the annual Alzheimer's Association International Conference, Chicago, IL. July 20 – 26.

5. \*Baker-Sullivan, E., \*Gervais, N.J., Grady, S., Olsen, R., \*Duchesne, A., \*Gravelsins, L., \*Reuben, R., & Einstein, G. (2018). *Medial temporal lobe structural integrity and recognition memory following oophorectomy*. Poster at the 9th International Congress of Neuroendocrinology, PS2.0025 Toronto, ON. July 15 – 18. <http://www.icn2018.org/wp-content/uploads/2018/07/ICN2018-Book-of-Abstracts.pdf>
6. \*Peragine, D.E., Coombe L. A., VanderLaan D. P., & Einstein G. (2018). A Learning Experience? Orgasm at coital debut predicts women's sexual motivation in adulthood and mediates sex differences in affective ratings of first coitus. Poster Presentation. International Academy of Sex Research. Madrid, Spain. July 17 – 20. **Awarded Student Poster Honorable Mention (i.e., First Runner-up).**
7. \*Peragine, D. E., Maxwell J. A., Einstein G., & VanderLaan D. P. (2018). Sensitive-period plasticity in human sexual development: Examining conditioning effects on adult sexual motivation. Poster Presentation. International Academy of Sex Research. Madrid, Spain. July 17 – 20.
8. \*Gravelsins, L., \*De Sousa, A.M.B., \*McNamee, C., \*Machlab, K., Duncan, K., Einstein, G. (2018) Synthetic estrogen and cognition: Does time of oral contraceptive ingestion affect working memory? Poster at the 9th International Congress of Neuroendocrinology, PSI.0033. Toronto, ON. July 15 – 18. <http://www.icn2018.org/wp-content/uploads/2018/07/ICN2018-Book-of-Abstracts.pdf>
9. \*Reuben, R., \*Au, A., Gervais, N., Hampson, E., Tierney, M., & Einstein, G. (2018). Longitudinal change in cognitive performance of women post-oophorectomy. Talk at the 9th International Congress of Neuroendocrinology. BOP2B.006, Toronto, ON. July 15 – 18. <http://www.icn2018.org/wp-content/uploads/2018/07/ICN2018-Book-of-Abstracts.pdf>
10. \*Brown, A., \*Peragine, D., \*Simeon-Spezzaferro, C., Wong, A., & Einstein, G. (2018). Sex Difference or Hormonal Difference in Mental Rotation? Unpacking women's performance. Poster Presentation. *SEXposium Science Outreach Conference*. Toronto, ON. June 29.
11. \*Mustafa, N., \*Shah, S., & Einstein, G. (2018). The influence of culture on Indian women's experiences of pain: A critical review. Poster presented at *SEXposium Science Outreach Conference* at the Royal Ontario Museum, Toronto, ON. June 29.
12. Witt, S.T., Rydmark Kersley, Å., Classon, E., Lykke, N., Shildrick, M., Åsberg, C., Grady, C., Theodorsson, E., Ernerudh, J., Åvall Lundqvist, E., Kjølhede, P., & Einstein, G. (2018). Bilateral salpingo-oophorectomy prior to natural menopause is associated with Alzheimer's disease-like reductions in gray and white matter. Poster at Joint Annual Meeting International Society for Magnetic Resonance Imaging in Medicine & European Society for Magnetic Resonance Imaging in Medicine 3762.90., Paris, France. June 16 – 21. [https://www.ismrm.org/18/program\\_files/EP06.htm](https://www.ismrm.org/18/program_files/EP06.htm).
13. \*Mustafa, N. & Einstein, G. (2018). The Influence of Culture on Indian Women's Experiences of Pain. Workshop led at Advanced Summer Institute in the Division of Social & Transcultural Psychiatry, McGill University, Montreal, ON. June 11 – 14.
14. \*Edwards, H., \*Duchesne, A., & Einstein, G. (2017) The Many Menopauses: Searching the cognitive research literature for menopause types. North American Menopause Society Annual Meeting. Philadelphia, PA. Oct 11 – 14.

15. \*Jacobson, D., \*Glazer, E., \*Duplessis, D., \*Blom, K., Mason, R., DuMont, J., & Einstein, G. (2017) The Lived Embodiment of Women with Female Genital Cutting (FGC). Qualitative Health Research Conference. Quebec City. Oct 17 – 18.
16. \*Peragine, D., \*Watt, S., \*Simeon-Spazzaferro., C., & \*Brown, A., Einstein, G. (2017). Trans men's performance on spatial and verbal tasks depends on activational effects of androgens. International Society for Gender Medicine., Sendai, Japan. Sep 14 – 16.
17. Einstein, G. (2017) Sex, gender, and cognition. International Society for Gender Medicine., Sendai, Japan. Sep 14 – 16.
18. \*Duchesne, A., Witt, S., Engström, M., Classon, E., Kjølhede, P. Rydmark Kersley, Å., Theodors-son, E., Lundqvist, E., Lykke, N., Shildrick, M., Åsberg, C., \*Au, A., Einstein, G. (2017) Hippocampal integrity in Swedish women with bilateral salpingo-oophorectomy prior to natural menopause: Preliminary findings. Poster presentation at Alzheimer's Association International Conference, London, England, July 16 – 20.
19. \*Gervais, N., \*Au, A., \*Duchesne, A., Edwards, H., Karkaby, L., Einstein, G. (2017) Predictors of Cognitive Function in Women Following Oophorectomy: Implications for AD Risk. Poster presentation at Alzheimer's Association International Conference, London, England, July 16 – 20.
20. \*Shah, S., \*Mustafa, N., Einstein, G. (2017) The Conceptualization of Pain in Indian Elderly Immigrant Women. Sexposium: The Science of Sex and Love. Royal Ontario Museum, Toronto. June 9.
21. \*Scott, J., \*Birze, A., Einstein, G. (2017) Sex Differences in the Autonomic Regulation of the Heart. Sexposium: The Science of Sex and Love. Royal Ontario Museum, Toronto. June 9.
22. \*Jacobson, D., \*Glazer, E., \*Duplessis, D., \*Blom, K., Mason, R., DuMont, J., Einstein, G. (2017) The Lived Embodiment of Women with Female Genital Cutting (FGC). Sexposium: The Science of Sex and Love. Royal Ontario Museum, Toronto. June 9. (Won best poster prize)
23. \*Gervais, N., Au, A., \*Duchesne, A., \*Baker-Sullivan, E., Brake, W., Mumby, D., Einstein, G. (2017) Impact of ovarian hormones on recognition memory and perirhinal cortex in rats and humans. Oral presentation at the Canadian Association for Neuroscience Conference, Montreal, May 28 – 31.
24. \*Reuben, R., \*Au, A., Hampson, E., Tierney, M., Narod, S., Bernardini, M., Einstein, G. (2017) Changes in women's performance on the RAVLT over time post-oophorectomy. Poster presentation at the Canadian Association for Neuroscience Conference, Montreal, May 28 – 31.
25. Einstein, G. (2017) The effect of estrogen depletion on verbal memory in young women. Oral presentation at the Canadian Association for Neuroscience Conference, Montreal, May 28 – 31.
26. \*Birze, A., \*Scott, J., Leblanc, V., Regehr, C., Paradis, E., Einstein, G. (2017) Sex differences in self-reported work stress and physiological measures of autonomic regulation in 911 communicators. Poster presentation at the Organization for the Study of Sex Differences Annual Meeting, Montreal, May 15 – 18.
27. \*Duschesne, A., \*Au, A., \*Gervais, N., Grady, C., Meschino, W., Einstein, G. (2017) Hippocampal Integrity in women with Bilateral Salpingo-Oophorectomy Prior to Natural Menopause: Preliminary findings. Poster presentation at the Organization for the Study of Sex Differences Annual Meeting, Montreal, May 15 – 18.

28. \*Peragine, D., \*Watt, S., \*Simeon-Spezzaferro, C., Einstein, G. (2017) Trans men's performance on spatial and verbal tasks depends on the activational effects of androgens. Poster presentation at the Organization for the Study of Sex Differences Annual Meeting, Montreal, May 15 – 18.
29. \*Walsh, R. and Einstein, G. (2016). (Trans)Feminism, Bodily Autonomy, and Situated Neuroscience: Separating Gender from Genitalia in Medicine and Feminism to Move Beyond the Binary. Oral presentation at Trans\*Formations. Lisbon, June 14-15, 2016.  
([https://transrightseurope.files.wordpress.com/2016/05/trans\\_for\\_mations-abstracts-and-bios3.pdf](https://transrightseurope.files.wordpress.com/2016/05/trans_for_mations-abstracts-and-bios3.pdf))
30. \*Au, A., \*Schwartz, D., Eisen, A., Finch, A., Hampson, E., May, T., Meschino, W., Murphy, J., Narod, S., Tierney, M., & Einstein, G. (2016). Long-Term Effects of Bilateral Salpingo-oophorectomy on Cognition. Poster presentation at the ENDO 2016 Conference, Boston, Massachusetts, April 1, 2016.
31. \*Shah, S., \*Mustafa, N., & Einstein, G. (2015) The Conceptualization of Pain in Indian Elderly Immigrant women. Poster presentation at the Federation of Medical Women of Canada Annual General Meeting & Educational Sessions, Toronto, Canada, September 26, 2015.
32. \*Wilson, K.E., \*Au, A., Shen, J., Ardron, J. Ruppel, J. Einstein, G., & Ferber, S. (2015) A guess today may be a strategic error tomorrow: Predicting intra-individual differences in visual working memory. Vision Sciences Society, St. Petersburg, FLA, May 15 – 20.
33. \*Au, A., Schwartz, D., Finch, A., Tierney, M. C., Hampson, E., Narod, S., Eisen, A., Meschino, W., & Einstein, G (2015) The Relationship between 17 $\beta$ -estradiol and Cognitive Functioning in Women. OSSD Annual Meeting, Palo Alto, CA. April 21-23.
34. \*Duchesne, A., Forson, A., Johnson, J., Tannenbaum, C., & Einstein, G. (2015) Sex and Gender Integration into Canadian Health Research: The Canadian Institutes of Health Research's *Sex and Gender Champions* (2015) OSSD Annual Meeting, Palo Alto, CA. April 21-23.
35. \*Au, A., \*Schwartz, D., Finch, A., Tierney, M. C., Hampson, E., Narod, S., Eisen, A., Meschino, W., & Einstein, G (2015) Estrogen Deprivation as a Risk Factor of Dementia in Younger Women. 25th Annual Rotman Research Institute Conference – "25 Years of Brain and Aging" Toronto, ON, March 9 – 11 (poster).
36. Greaves, L., Poole, N., Boyle, E., Bradshaw, D., Christie, J., Einstein, G., Graves, L., Hassan, S., & Hume, L. (2014) Prescription opioid use, trauma and chronic pain in girls & women. CIHR - Sponsored Workshop for Canadian Research Initiative in Substance Misuse. Ottawa, ON, March, 10
37. \*Hassan S., Gordon A. & Einstein G. (2014) Chronic Pain, Ovarian Hormones and Opioids: Gaps in Clinical Update of Primary Literature. International Association of Study of Pain (IASP), 15th World Congress on Pain, Buenos Aires, Argentina, October 6 – 11.
38. \*Hassan S., Gordon A. & Einstein G. (2014) Sex Differences in Overlapping Chronic Pain Conditions and Opioid Treatment in a Tertiary Pain Clinic. Women's Xchange Annual Meeting, Women's Health Research: Challenges & Opportunities, Toronto, Canada, June 20, 2014.
39. \*Hassan, S., Gordon, A., & Einstein, G. (2014) Sex Differences in Overlapping Chronic Pain Conditions and Opioid Treatment in a Tertiary Pain Clinic. OSSD Annual Meeting. Minneapolis, MN, Apr 24–26.



40. \*Au, A. S., \*Schwartz, D., Finch, A., Tierney, M. C., Hampson, E., Narod, S., & Einstein, G. (2014) Long-Term Outcomes of Bilateral Salpingo-Oophorectomy on Memory. Oral presentation presented at the 16th World Congress of Gynecological Endocrinology, Florence, IT, Mar 5–8.
41. \*Au, A. S., \*Schwartz, D., Finch, A., Tierney, M. C., Hampson, E., Narod, S., & Einstein, G. (2013). Cognitive Outcomes of Oophorectomy. Poster session presented at the Alzheimer's Association International Conference 2013, Boston, MA. Jul 15–18.
42. \*Yang, X. & Einstein, G. (2013) The Impact of Subjective Norms: The Theory of Reasoned Action Together with the Social Ties Structure Predict the Intention to Select Fetal Sex in Rural China. XXVII IUSSP International Population Conference, Busan, Korea, Aug 26–31.
43. \*Yang, X. & Einstein, G. (2013) The Impact of Subjective Norms on the Intention to Select Fetal Sex in Rural China. Population Association of America Annual Meeting, New Orleans, Apr 11–13.
44. \*Huang, M., \*Li, D.X., & Einstein, G. (2012) Menstrual and Academic Stress Effects on Sleep in University Students. Advancing Excellence in Gender, Sex and Health Research Conference, Montreal, Oct 29–31.
45. \*Malinowska O, Einstein, G., Feldman K, Tile L, & Nyhof-Young J. "Does Parity Mean Equality?" An Assessment of the Gender Climate for Undergraduate Medical Students. Advancing Excellence in Gender, Sex and Health Research Conference, Montreal, Oct 29–31.
46. \*Li, D.X., Romans, S., De Souza, M.J., Murray, B., & Einstein, G. (2012) Ovarian Hormones, Sleep Quality and Mood. Advancing Excellence in Gender, Sex and Health Research Conference, Montreal, Oct 29–31.
47. \*Au, A., \*Schwartz, D., \*Huang, M., Finch, A., Tierney, M., Hampson, E., Narod, S., & Einstein, G. (2012) The Effects of Estrogen Deprivation in Women with BRCA Mutations. Advancing Excellence in Gender, Sex and Health Research Conference, Montreal, Oct 29–31.
48. \*Au, A., \*Schwartz, D., Huang, M., Finch, A., Tierney, M., Hampson, E., Narod, S., & Einstein, G. (2012). Estrogens and Cognition in BRCA 1/2 Carriers Following Prophylactic Salpingo-Oophorectomy. Poster presentation at the 4th International Symposium on Hereditary Breast and Ovarian Cancer, Montreal, Quebec. Apr 25–27.
49. \*Malinowska, O., Einstein, G., Feldman, K., Tile, L., & Nyhof-Young, J. "Does Parity Mean Equality?" An Assessment of the Gender Climate for Undergraduate Medical Students. Poster Presentation at the Univ. of Toronto Faculty of Medicine 26th Annual Medical Student Research Day. Jan 24. Best Health Care Poster Award.
50. \*Glazer, E., \*Karim, N., Gordan, A., Pukall, C., & Einstein, G. (2011) Chronic Pain in Somali-Canadian Women. *Society for Neuroscience*. Nov 12–16 (Abstr).
51. \*Schwartz, D., Romans, S., \*Meiyappan, S., \*Bellum, A., DeSouza, M.J, & Einstein, G. (2011) The Role of female Reproductive Hormones in Mood. *Society for Neuroscience*. Nov 12–16 (Abstr).
52. \*Glazer, E., \*Blom, K., \*Duplessis, D., Mason, R., Du Mont, J., Angus, J., Gordon, A., Dunn, S., Pukall, C., Einstein, G. (2010) Socio-Cultural Embodiment, Pain, and Circumcision in Somali Women in Toronto. *Gender Medicine* 7(5), 516).

53. \*Schwartz, D., Finch, A., Tierney, M. Hampson, E., Narod, S., & Einstein, G. (2010) Estrogens and Cognition in BRCA 1/2 Carriers Following Prophylactic Salpingo-Oophorectomy. *Gender Medicine* 8, 56. (original article in vol 7(5), 522–523).
54. \*Glazer, E., \*Blom, K., \*Duplessis, D., Mason, R., Du Mont, J., Angus, J., Gordon, A., Dunn, S., Pukall, C., Einstein, G. (2010) Socio-Cultural Embodiment, Pain, and Circumcision in Somali women in Toronto. CIHR Institute of Gender and Health 10th Anniversary Conference: *Innovations in Sex, Gender and Health*, Toronto. Nov 22–23.
55. \*Schwartz, D., Finch, A., Tierney, M., Hampson, E., Narod, S., & Einstein, G. (2010) The Role of Estrogens in Cognition: Does Prophylactic Oophorectomy Affect Memory and Attention? CIHR Institute of Gender and Health 10th Anniversary Conference: *Innovations in Sex, Gender and Health*, Toronto. Nov 22–23.
56. \*Glazer, E., \*Blom, K., \*Duplessis, D., Mason, R., Du Mont, J., Angus, J., Gordon, A., Dunn, S., Pukall, C., & Einstein, G. (2010) Socio-Cultural Embodiment, Pain, and Circumcision in Somali Women in Toronto. *Women's Mental Health Conference*, Toronto. Oct 1, 2010.
57. \*Schwartz, D., Romans, S., \*Meiyappan, S., \*Bellum, A., DeSouza, M.J., & Einstein, G. (2010) The Role of Female Reproductive Hormones in Mood. *Women's Mental Health Conference*, Toronto. Oct 1.
58. \*Schwartz, D., Finch, A., Tierney, M. Hampson, E., Narod, S., & Einstein, G. (2010) Estrogens and Cognition in BRCA 1/2 Carriers following Prophylactic Salpingo-Oophorectomy. (Abstr) *Soc Behavior Neuroendocrinol.* Jul 18–21.
59. Einstein, G. (2010) Cultural Inscriptions: Female Genital Cutting and the Central Nervous System. *Worn Bodies: Retheorizing Women's Health*, Lancaster, UK. Mar 22. (INVITED)
60. Einstein, G. (2009) Reconciling Sex and Gender: The interaction of Biology and Society. Fourth Annual Congress of Gender Medicine, Berlin. Nov 6–8. (INVITED)
61. Einstein, G. (2009) Women's Health Across the Disciplines. First Annual Conference of the Gender and Health Institute, McMaster Univ, Hamilton ON. Oct 15–16. (INVITED)
62. Einstein, G. (2009) Sex•Gender in the Experimental Sciences. CIHR Institute of Gender and Health First Summer Institute, Univ. of British Columbia, Vancouver, BC. Jun 22–25. (INVITED)
63. Einstein, G. (2009) Making Sex. CIHR Institute of Gender and Health First Summer Institute, Univ. of British Columbia, Vancouver, BC. Jun 22–25. (INVITED)
64. Einstein, G. (2009) The World Writes on the Body. Organization for the Study of Sex Differences – CIHR Institute of Gender and Health Satellite Workshop, Toronto, ON. Jun 4. (INVITED)
65. Einstein, G. & Wall, S. (2008) Altering Body, Altering Mind: Integrating Cultural Meaning in Biomedicine. *Convergence of Art and Science: Global Health, Medicine and Creativity: 6th Annual Global Health Conference*, Univ. of Toronto. Jun 3. (INVITED)
66. Einstein, G. (2008) Altering Body/Altering Mind: Neurobiological Effects of Female Genital Cutting. Annual Meeting, Health Care, Technology and Place, St. Andrew's Conference Centre, Toronto, May 2. (INVITED)
67. Dayi, A., Einstein, G., & Metzli, J.M. (2007) Symposium: Theorizing Within/Against Health: Three Conferences, Three Dialogues, Implications for Women's health. *National Women's Studies Association 28th Annual Conference*, St. Charles, IL. June 28–July 1.

68. Einstein, G. (2007) A Graduate Program in Women's Health: Collaboration Across the Biological Sciences, Social Sciences and Humanities at the University of Toronto. Second International Congress on Gender Medicine, Vienna, June 2–3. (INVITED)
69. Einstein, G. (2007) From Body to Brain: The Neurobiological Effects of Female Genital Cutting. Second International Congress on Gender Medicine, Vienna, June 2– 3. (INVITED)
70. Einstein, G. (2007) The Character of Alzheimer's Disease: What it Tells Us About Our Selves. Untangling Selfhood: The History and Experience of Alzheimer's Disease: Pennsylvania State University Conference to Mark the 100<sup>th</sup> Anniversary of the Discovery of Alzheimer's Disease, Rock Ethics Institute, Pennsylvania State Univ. Mar 29–31. (INVITED)
71. Einstein, G., Du Mont, J., Mason, R., \*Gudzowska, M., Wall, S., Gordon, A., Seltzer, Z., Omer-Hashi, K., Stone, A., & Dunn, S. (2006) Does Female Genital Mutilation Result in Neurological Changes Affecting Sensory Perception and Bodily Function? 10<sup>th</sup> Global Forum for Health Research. Cairo, Oct 29–Nov 2.
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## 5. Invited Lectures (last 5 years)

2018	Oct 25	Sex Differences in the Brain: Estrogens, Memory, & Alzheimer's Disease	Linköping University, Department of Biology, Linköping, Sweden
	Oct 19	Bridging Science, Policy and Practice Health Canada Sex and Gender Symposium	Health Talks Panel Discussion: Emerging Issues in Sex, Gender and Health
	Oct 10	Sex Differences in the Brain: Estrogens, Memory, & Alzheimer's Disease	Guelph University, Department of Psychology, Guelph, ON
	Aug 16	Estrogen & the Brain: What is known about its role in healthy aging?	Ontario Brain Institute Lecture for Exhibit, Brain: The Inside Story, Museum of Nature. Ottawa
	May 24	The World Writes on the Body: Does the experience of gender contribute to sex differences?	The World Writes on the Body: How the Environment Impacts the Phenotype Florence (Italy), May 24th – 25th, 2018.
	Apr 30	Women's cognitive health and well-being after preventive removal of the ovaries due to genetic cancer risk (BRCA1 and 2)	NETKU, Cancer Treatment Network Abroad, The Cancer Control, Copenhagen, Denmark
	Apr 6	Sex Differences in the Brain: Estrogens, Memory, & Alzheimer's Disease	The GW Institute for Neuroscience, George Washington University, Washington, DC
	Apr 4	Sex Differences in the Brain: Estrogens, Memory, & Alzheimer's Disease	Centre for Neuroscience Studies, Queens University, Kingston, ON
	Mar 21	The world writes on the body: A feminist perspective on immigrant women's health	May Cohen Lecture in Women's Health. McMaster University, Hamilton, ON
2017	Dec 12	Sex, Gender, & the Brain	1 <sup>st</sup> International Forum on Women's Brain & Mental Health. Rolex Learning Centre, Lausanne, Switzerland.
	Nov 16	The world writes on the body: The Influence of Gender on Biology	Program in Women, Gender, & Sexuality & the Mahindra Humanities Center. Harvard University. Cambridge, MA.
	Oct 19	Estrogen & the Brain What is known about its role in Healthy Aging?	Cutting Edge Lecture Series. Toronto Public Library, Yorkville Branch.

Sep 28	Close encounters of the 1st & 3rd kind: Comparative perspectives on bodily states	Festschrift for Professor Owen Flanagan. The natural method: Ethics, mind, and self. Duke University, Durham, NC	
June 9	Beyond the Binary: How the Biological and the Social Create Diversity	Sexposium: The Science of Love and Sex. Toronto, ON.	
May 15	Sex and Species Differences: Thoughts from the Trenches	Annual Meeting, Organization for the Study of Sex Differences. Montreal, Quebec.	
Mar 23	Sex Differences: A brief history	BIRCWH Scholars Seminar, Connor Center for Women's Health, Brigham & Women's Hospital, Harvard University, Boston, MA	
Apr 27	Health from a Gender Perspective.	Hälsa ur ett flervetenskapligt perspektiv/Health from an interdisciplinary science perspective. Karlstad University, Karlstad, Sweden	
Mar 29	Integrating Sex & Gender in Health Research	TRIGGER (Transforming Institution by Gendering Contents and Gaining Equality in Research), Paris Diderot University, Paris, France	
Jan 19	Ovarian Hormones, Mood, and Memory	Social Neuroendocrinology Pre-conference workshop, Society for Personality and Social Psychology, San Antonio, United States	
2016	Nov 24	Research in Cognitive Neuroscience and Women's Health	Medical Sciences Student Union. University of Toronto, Toronto, Canada
	Oct 13	Sex & the Brain The connection between the world, reproductive system and the brain	The Lawrence & Nancy Golden Memorial Lectureship in Mind-Body Medicine University of Buffalo. Buffalo, NY, United States
	Sep 9	Sex Differences in the Brain: The role of ovarian steroids	Retreat for Strategic Research Area Systems Neurobiology, Linköping University, Eskilstuna, Sweden
	Jul 24	Cellular Sex Differences in the Brain and Implications for Alzheimer's Disease	Alzheimer's Association International Conference, Toronto, Canada
	May 24	Why should we think about gender in preclinical models and how?	10th Annual Meeting of the Organization for the Study of Sex Differences. Philadelphia, PA., United States
	Mar 8	Why XX Makes a Difference in Brain Science: Women, Mice, and Men <a href="https://www.youtube.com/watch?v=BFLnQX8Pq-M&amp;list=PLX9no3loE0hLytB6SDEKdPDrAHfy2hPqR&amp;index=2">https://www.youtube.com/watch?v=BFLnQX8Pq-M&amp;list=PLX9no3loE0hLytB6SDEKdPDrAHfy2hPqR&amp;index=2</a>	Ontario Brain Institute, Public Talk for International Women's Day, Women Making a Difference in Brain Science. Toronto, ON
	Feb 9	What Do We Know about Sex Differences in Chronic Pain: The Role of Ovarian Hormones	University of Toronto, Centre for the Study of Pain, Annual Scientific Meeting, Toronto, ON

	Feb 4 – 6	Beyond the Binary: The Corporeal Lives of Trans Individuals	University of Frankfurt, Transsexuality: Exploring a Challenge for Society at the Intersection of Theology and Neuroscience, Frankfurt, Germany
	Feb 3	Internationalization of Gender in Sweden: A Linköping University Project in Gender & Medicine in collaboration with the University of Toronto	Swedish Legislature, Gender Discussion, Stockholm, Sweden
2015	Dec 16	Understanding Whole Body Effects of Breast & Ovarian Cancer Prophylaxis	Centre for Gender Medicine, Karolinska Institute, Stockholm, Sweden
	Nov 4	Estrogens—The Greatest Story Never Told: How Ovarian Hormones Affect Somatosensation, Pain, Mood, & Memory	Ebbinghaus Empire, Psychology Department, University of Toronto, Toronto, ON
	Oct 18 – 19	Building Capacity: A Canadian View on Educating the Next Generation to include Sex & Gender in Research	Mayo Clinic, Sex & Gender Medical Education Summit, Rochester, MN
	Oct 16	Do Ovarian Hormones Affect Somatosensation, Pain, Mood, & Memory? (GRAND ROUNDS)	Mayo Clinic, Center for Clinical and Translational Science (CCaTS), Rochester, MN
	Sep 20 – 21	Do Ovarian Hormones Affect Somatosensation, Pain, & Mood?	International Congress of Gender Medicine, Berlin, Germany
	May 25 – 26	The Gendered Ovary: Understanding Whole Body Effects of Breast and Ovarian Cancer Prophylaxis.	Cancer Cultures: Workshop on Critical Patienthood in Cancer Studies, Linköping University, Linköping, Sweden.
	Apr 21	Considering Gender in Pre-Clinical Models	Workshop on Incorporating Sex and Gender in to Your Research, OSSD Annual Meeting, Palo Alto, CA
	Mar 7	Does Female Genital Cutting Affect the Nervous System?	Contestations around FGM: Activism and the Academy Workshop, Oxford University, Oxford, England
2014	Oct 24	When Does a Difference Make a Difference? Ovarian Hormones: Pain, Mood, and Memory (KEYNOTE)	Gender-Specific Medicine & Women's Health Symposium. Laura W. Bush Institute for Women's Health, Texas Tech, Lubbock, TX
	Oct 20	Integrating Sex and Gender into Pre-Clinical Research	Methods and Techniques Workshop on Integrating the Biological Variable "Sex" in Preclinical Research. Office for Research on Women's Health, National Institutes of Health, Bethesda, MD

	Oct 8	Estrogen and the Brain: What is known about its role in Healthy Aging (KEYNOTE)	3 <sup>rd</sup> Annual Symposium, McGill Centre for Studies in Aging, Healthy Aging: Gender and Brain Health, Montreal, CA
	Aug 21	When Does a Difference Make a Difference? Ovarian Hormones: Pain, Mood, and Memory (KEYNOTE)	International Society of Psychoneuroendocrinology, Montreal, CA
	Aug 19	Sex/Gender and Cognition	International Society of Psychoneuroendocrinology, Satellite Session – Sex, Gender and Psychoneuroendocrinology, Montreal, CA
	May 8	When Does a Difference Make a Difference? Examples from Situated Neuroscience (KEYNOTE)	Neurogenderings III, Lausanne, Switzerland.
	Mar 4	Estrogens and the Brain	Centre for Medical Image Science and Visualization, Linköping Univ. Hospital, Sweden.
2013	Nov 15	Sex, Gender, and the Brain	NSF, CIHR, and European Union Sponsored Gender Summit 3 – Diversity Fueling Excellence in Research and Innovation. Washington, D.C.
	Oct 9	Women's Health: Sex, Gender, and a whole body of difference	Parliamentary Workshop on the Need for Research on Women's Aging Brains. Hosted by Dr. Helena Jaczek, Parliamentary Assistant to the Minister of Health and Long-Term Care, Christine Elliot, MPP, Deputy Leader of the PC Party and Critic for Health and Long-Term Care and France Gelinas, MPP, NDP Critic for Health and Long-Term Care. Queen's Park, Toronto, ON.
	Jun 14	When Does a Difference Make a Difference? New Evidence on Sex, Gender and the Human Brain	CIHR Journalist Workshop. Toronto, ON.
	Jun 13	Sex and the Brain	CIHR Institute of Gender and Health, Café Scientifique, Toronto, ON.
	May 15	Situated Neuroscience or: What if We Used Neuroscience to Describe the Range of Variation, Explain How the Mind isn't Just in the Brain, and Demonstrate How We Become Similar and Different Based on the Lives We Lead?	Feminist Technoscience Studies MA Module and Summer School: Brains, Minds and Bodies. Lancaster Univ., Lancaster, England.
	May 13	Gender Based Violence	Canadian Disaster and Humanitarian Response Training Program, Humanitarian Training Initiative. Toronto, ON.



	Apr 20	Women's Health: Sex, Gender, and a Whole Body of Difference	Faculty of Medicine, Second Year Student's Group on Women's Health, Univ. of Toronto, Toronto, ON.
	Apr 19	Sex and the Brain	TEDMED Day, Univ. of Toronto, Toronto, ON.
	Jan 19	Sex and Happiness: A Neuroscientific Perspective (KEYNOTE)	The Rome Science Festival 2013 – On a Theme of Happiness. Rome, Italy.
2012	Oct 28	Ways of Knowing; Ways of Doing	Advancing Excellence in Gender, Sex and Health Research. CIHR Instit. of Gender and Health (IGH) Fall Student Institute. Montreal, QC.
	Oct 22	The World Writes on the Body: Cognitive Neuroscience and Women's Health	Faculty of Kinesiology and Physical Education, Univ. of Toronto. Toronto, ON.
	Aug 2	From Body to Brain: Sex and Memory ( <i>also</i> SESSION CHAIR: Sex Differences in Immunity, Brain Plasticity and Disease)	Translational Neuroimmunology: From Mechanisms to Therapeutics, Federation of American Societies for Experimental Biology (FASEB) Meeting. Carefree, Arizona.
	Jun 7	Canadian Strategies for Sex/Gender Approaches in Graduate and Medical Education	Workshop on Building Sex/Gender-Based Competencies into Medical and Graduate Curricula. Organization for the Study of Sex Differences Annual Meeting. Baltimore, MD.
	Apr 24	Pain and Pleasure in Women with FGC	Sex and Couple Therapy Unit, McGill Univ. Health Centre. Montreal, QC.
	Apr 20	Are There Neurological Effects of Female Genital Circumcision?	Women's College Research Institute, Toronto, ON.
	Apr 13	Mature Women's Brain Health: The Role of Estrogens in Memory Loss.	Mature Women's Health Conference, Mt. Sinai Hospital, Toronto, ON.
	Mar 21	Gendered Biologies: Mixing Methods to Study Sex*Gender	Tema Genus, Faculty of Arts and Science, Linkoping Univ. Linkoping, Sweden.
	Mar 1	Pain in Somali-Canadian Women	Future Immigration Policies: Challenges and Opportunities for Canada. 14th National Metropolis Conference. Toronto, ON.

## D • Courses (last 5 years)

### 1. Undergraduate courses

- a. PSY333, Health Psychology (2007—2014 and again, in 2016) major responsibility for design of course
- b. PSY495, Sex and the Brain (new in 2014—current) major responsibility for design of course

### 2. Graduate courses

- a. PSY5112, Sex Differences in Brain and Behaviour (2010 & 2015) major responsibility for design of course
- b. CHL5109, Gender and Health (2011-2016) major responsibility for design of course

- c. CHL5005, Introduction to Public Health, PhD Seminar (2016) Co-director
- d. CHL5004, Introduction to Public Health, PhD Seminar (2011 & 2012) course director
- e. Student Seminar for Collaborative Graduate Program in Women's Health (2007-2017) (meets monthly) major responsibility for design of course

### 3. Theses supervised (last 5 years)

#### a. Masters

Alana Brown	2018 (incoming)	Estrogens and Cognition (TBD)
Laura Gravelsins	2017 – 2018	COMT genotype's effects on dopamine-dependent working memory in oral contraceptive users
Rebekah Reuben	2016 – 2017	Changes in cognition with time since oophorectomy
Sonam Shah (DLSPH)	2013 – 2014	Pain in Elderly South Asian Women
Samah Hassan (IMS)	2011 – 2013	Addiction, Pain, and the Menstrual Cycle
April Au	2011 – 2012	The Effects of Estrogen Deprivation on Cognition in Women with the BRCA 1/2 Mutation
Deborah Schwartz	2010 – 2011	The Role of Estrogens in Cognition: Does Prophylactic Oophorectomy Affect Verbal, Spatial and Working Memory?

#### b. Doctoral

Marco Sama (outside project)	2018	Sex Differences in Ensemble Perception
Rebekah Reuben	2017 – current	Memory Changes Over Time Since Oophorectomy
Diana Peragine Co-supervisor	2016 – current	Concordance in Sexual Desire and Sexual Response
Christine Brophy (outside project)	2016– 2018	Role of Hormones in Political Decisions
Danielle Jacobson (DLSPH)	2016 – current	Women with FGC and their Interactions with Health Care Providers
Nida Mustafa: (DLSPH)	2014 – 2019	Pain in Elderly South Asian Women
Arija Birze: (DLSPH)	2012 – 2018	Behind the Scenes and Under the Skin: Exploring the Social and Bodily Experience of Stressful, Gendered Work in Police Communications Personnel
Laila Rahman: (DLSPH)	2012 – 2018	Exploring Women's Perspectives of the Multiple Forms of Violence against Female Garment Workers in Bangladesh: A Socio-Ecological Lens Towards Determining Drivers and Finding Solutions BRCA 1/2 Mutation

April Au	2012 – 2017	The Effects of Estrogen Deprivation on Cognition in Women with the
c. Postdoctoral Fellows		
Anne Almey	2017 – 2019	Negative Impacts of Oophorectomy Prior to Natural Menopause on Women's Brain & Cognition: Investigating the Mediating Role of Cortisol
Nicole Gervais	2016 – current	Sleep and Inflammation in Women with Oophorectomy
Annie Duchesne	2015 – 2017	Brain and Cognition in Women with Oophorectomy and the BRCA 1/2 Mutations
Kelly Evans	2014 – 2015	Brain Changes in Women with Oophorectomy Prior to Natural Menopause
Michelle Skop	2014 – 2015	Gender and the BRCA Mutations: Men with BRCA 1/2
Maya Goldenberg	2006 – 2007	Women's Health & Evidence-based Medicine
d. Other teaching and lectures given (in last 5 years)		
2017–2018	CHL 5109	Sex and Gender in Women's Health
2016–2017	CHL 5701	Collaborative Doctoral Program in Global Health Seminar, Dalla Lana School of Public Health Global Bodies
2015–2016	UTM 191	Science Meets Society
	CHL5004	Introduction to Public Health—Gender as a Determinant of Health
	Memory Shifts Conference (student organized and run)	Chair of Session and Respondent
2014–2015	CHL5004	Introduction to Public Health—Gender as a Determinant of Health
	CHL5700	Global Public Health, Working with Diverse Cultures
	Psychology Student's Association	lecture on Estrogens and Cognition
	Psychology Student's Association	Meet the Professors, Brain and Behaviour
	Sunnybrook Health Sciences Centre, Patient Workshop on Ovarian	Life after Oophorectomy

Cancer Management		
	Health Care, Technology, and Place Seminar, Respondent to Daniel Vena's (PhD) presentation:	Exploring Technologies to Reduce Daytime Leg Fluid Accumulation and Severity of Obstructive Sleep Apnea.
2013 – 2014	CHL5700	Global Public Health
	CHL5701	Global Health Research Seminar
	CHL5705	Women's Health in Countries of Conflict
	CHL5004	Introduction to Public Health
		Women's Health Scholar's Core Rounds
2012 – 2013	CHL5706HF	Women's Health in Countries of Conflict
	PSL1022H	Reproductive and Developmental Medicine

## E • Administrative Positions (since tenure)

### 1. Committees and organizations within the University

Psychology	2019	Promotions Committee
	2018	Department CIHR Masters Award Committee
	2017 & 2018	Committee Member, PTR Review
	2016	Committee Member, Rotman Research Institute Scientist Review
	2016-2018	Various Tenure Committees and internal assessor
	2016 & 2017	NSERC and SSHRC Undergraduate Summer Research Awards
	2012	Chair, Search Committee, for Social & Cognitive lecturers
	2011 – 2013	Undergraduate Director
	2006 – 2007	Undergraduate Studies Committee
	2006 – 2007	Search Committee for position in Behavioural Neuroscience
DLSPH	2017	Teaching Evaluation Committee, Tenure
	2015 – 2017	Member of Appeals Committee
	2015 – 2016	PhD Admissions Committee Social and Behavioural Sciences
	2010 – 2013	
	2015	Member of Work Load Committee
	2013 – 2014	Search Committee for 2 positions in Social and

Behavioural Health		
Arts & Science	2018 – 2021	University College Council
	2011 – 2013	Undergraduate Life Sciences Committee
	2011 – 2015	Committee on Teaching and Learning
	2010 – 2012	Committee on Standing
Centre for the Study of Pain	2013 – present	Member
Cognitive Science Program	2008 – 2009	Steering Committee
Collaborative Graduate Program in Health Care, Technology, & Place	2005 – present	Mentor
Collaborative Graduate Program in Sexual Diversity Studies	2007 – 2010	Steering Committee
Collaborative Graduate Program in Women's Health	2007 – 2017	Founder and Director
Faculty of Medicine	2011 – 2014	Advisory Committee on Equity & Diversity
Institute for Human Development, Life Course, and Aging	2007 – present	Program Committee
Institute of Medical Sciences	2013 – present	Member
REB (Research Ethics Board)	2015 – 2017	Member of Social Sciences, Humanities, and Education for Department of Psychology
	2008 – 2009	
University College	2013 – present	Member
	2007	Search for Director of Cognitive Science Program

## 2. Positions and service outside the University

Nov 2018– Dec 2022	Lead, Women, Gender, Sex, and Dementia Cross-Cutting Program. Canadian Consortium of Neurodegeneration and Aging.
2018	Chair, Review of the Institute of Gender and Health, Canadian Institutes of Health Research
2018 – 2021	Chair, Institute Advisory Board, Institute of Gender and Health, Canadian Institutes of Health Research
2017 – 2020	Guest Professor of Gender & Health (Full), Linköping University, Sweden
2014 – 2016	Guest Professor of Neuroscience & Gender Medicine (Associate), Linköping University

- ty, Sweden
- 2013–2016 Chair, Institute Advisory Board, Institute of Gender and Health  
Canadian Institutes of Health Research
- 2010–2013 Member of the Institute Advisory Board, Institute of Gender and Health, Canadian  
Institutes of Health Research
- 2008 – 2010 Equity, Diversity, and Gender Committee of the Association of Faculties of Medicine of  
Canada
- 2007 – 2017 Journal Reviewing for:
- a. *Annals of Neurology*
  - b. *Biology of Sex Differences*
  - c. *BMC Women’s Health* (Review and reviewer’s name are also published)
  - d. *BMC Pregnancy and Childbirth*
  - e. *Canadian Medical Journal*
  - f. *Cerebral Cortex*
  - g. *Emotion*
  - h. *Frontiers in Neuroendocrinology*
  - i. *Gender Medicine*
  - j. *Health Education Research*
  - k. *Hormones and Behavior*
  - l. *International Journal of Women’s Health*
  - m. *Journal of Alzheimer’s Disease Research*
  - n. *Journal of Community Medicine and Health Education*
  - o. *Journal of Comparative Neurology*
  - p. *Journal of Endocrinology*
  - q. *Journal of Homosexuality*
  - r. *Journal of Neuroscience*
  - s. *Journal of the Biology of Sex Differences*
  - t. *Journal of Social and Personal Relationships*
  - u. *Journal of Sexual Medicine*
  - v. *Nature Reviews Neuroscience*
  - w. *Nature—Scientific Reports*
  - x. *Neurobiology of Aging*
  - y. *Neuroendocrine Reviews*
  - z. *PLOS ONE*
  - aa. *Proceedings of the National Academy of Science, B*

*Grant application review (since tenure)*

- 2017 Chair, CIHR Review Panel, Team Grant: Impact of Gender on Knowledge Translation  
Interventions
- 2017 Reviewer, Alzheimer Association, Young Investigator Awards
- 2016–17 Reviewer, Alzheimer Association, Research Grant (AARG) program.
- 2015–17 Ontario Women’s Health Scholars Awards Selection Committee
- 2012–13 CIHR Reviewer—Planning and Dissemination Grants, Committee A
- 2012 National Institutes of Health, Ad Hoc Reviewer (Special Emphasis Panel/Scientific Re-  
view Group ZGMI)

## F • Other Relevant Information

### 1. General Direction of Research

An underlying assumption of my work is that the adult central nervous system is plastic and particularly responsive to circulating steroid hormones as well as to experience. This approach combines cognitive/systems neuroscience, neuroendocrinology, public health, and women's health. In the long term, the approach will be important for understanding chronic disease as well as the health of women. We use convergent methods— integrating psychological tests (e.g., of memory and pain response), genetic tests, steroid hormone assays, in vivo imaging, and qualitative interviews.

All projects involve graduate students in the Psychology Dept. and the Dalla Lana School of Public Health. In addition, projects are conducted in collaboration with colleagues at Linköping University (Sweden), both from Tema Genus in the Faculty of Arts and Science and from IKE within the University Hospital Medical Faculty. All my projects take the perspective of what I call, *situated neuroscience*, integrating contextually-dependent social and physiological factors and taking the view that there is a reciprocal relationship between the social and the biological.

I believe that it is important to let the public know about our findings, what the University of Toronto is doing with respect to women's health, and about this perspective of the integration of the social with the biological. Therefore, I engage with journalists when they ask for an interview.

### 2. Television, Magazine, Newspaper, Webinars, and Radio Coverage and Interviews (last 5 years)

- 2018
1. Interviewed by Reuters Medicine for comment on *JAMA Neurology* article: Association of Bilateral Salpingo-Oophorectomy Before Menopause Onset with Medial Temporal Lobe Neurodegeneration, Oct 15.
  2. Women and Dementia. *Alzheimer's Society Canada/Canadian Consortium on Neurodegeneration and Aging*. Webinar. May 9. <https://vimeo.com/268998912>
  3. Everything 'The Female Brain' gets wrong about the female brain. *Newsweek*. Feb 10. <http://www.newsweek.com/science-behind-female-brain-802319>
  4. The Truth About the Secretive Practice of 'FGM' In Canada. *The Global Citizen*. Feb 6. <https://www.globalcitizen.org/en/content/fgm-in-canada-2/>
  5. Episode 31, *The Raw: Scientists Talk, We Listen*. Podcast Jan 24. <http://www.rawtalkpodcast.com/2018/01/23/ep-31-dr-gillian-einstein/>
  6. Frauen erkranken häufiger an Alzheimer. Jan 14. *Neue Zuercher Zeitung* <https://nzzas.nzz.ch/wissen/alzheimer-menopause-oestrogen-eierstockkrebs-gender-ld.1346563?reduced=true>
  7. Staving off Dementia. *The Telegram*. Jan 19. <http://www.thetelegram.com/opinion/columnists/pam-frampton-staving-off-dementia-178764/>
  8. Why do more women develop Alzheimer's disease than men? *Canadian Institutes of Health Research*. Jan 9, 2018. <http://www.cihr-irsc.gc.ca/e/50785.html>
  9. The Bully Pulpit for Women's Brain Health: Update from the world's first research chair in women's brain health and aging. *Mind Over Matter*. Pg. 19. <http://mindovermatter.womensbrains.webfactional.com/v6/>

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