

## Curriculum Vitae

### A • Biographical information

#### 1. Personal

Gillian Einstein

[gillian.einstein@utoronto.ca](mailto:gillian.einstein@utoronto.ca)

Department of Psychology, Univ. of Toronto  
100 St. George St  
Toronto, ON M5S 3G3  
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 (Full) to School of Graduate Studies
- b. Other Teaching and Research Appointments
- |                         |                                      |   |
|-------------------------|--------------------------------------|---|
| 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<br>Faculty of Medicine and Faculty of Arts and Sciences<br>Department of Clinical and Experimental Medicine (IKE) and Tema Genus.                                   |
| 2010 (Jan) – 2010 (Jun) | Harvard University                   | Visiting Associate Professor<br>Faculty of Arts and Sciences, Committee on Degrees on Women, Gender, and Sexuality<br>Member of the Senior Common Room, Lowell House  |
| 1999 – 2003             | National Institutes of Health (U.S.) | Scientific Review Officer (with tenure)<br>Center for Scientific Review<br>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<br>Assistant Research Professor, Zoology<br>Senior Fellow, Center for Study of Aging and Human Development<br>Associate, Joseph and Kathleen Bryan Alzheimer's Disease Research Center |

#### 4. Honours (since tenure)

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|-----------|--|
| 2020      | Women's Brain Health Initiative <b>Catalyst Award</b> , Women's Brain Health Initiative, Toronto, ON   |
| 2018      | Named one of 20 <b>Canadian Brain Research Stars</b> , Brain Canada<br><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      | <b>The May Cohen Lecture in Women's Health</b><br>McMaster University, Hamilton, ON  |
| 2017–2020 | Invited Member, <b>CIHR College of Reviewers</b>   |
| 2017–2022 | <b>The Wilfred and Joyce Posluns Chair</b> in Women's Brain Health and Aging,<br>Project: <i>The Lived Brain: Whole body effects on women's brain health</i><br>CIHR Research Chair  |
| 2016      | <b>Lawrence &amp; Nancy Golden Memorial Lectureship in Mind-Body Medicine</b><br>University of Buffalo, Buffalo NY   |
| 2016      | <b>Recognized and Profiled as a Leader in Women's Health in Ontario</b> 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      | <b>Recognized as a feminist voice in Psychology</b> ; 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)

- 2020 (Jan)      Founded and Lead the Canadian Organization for Gender and Sex (**COGS**) Research. Organized and Chaired the inaugural meeting **COGS** Research, Jan 8-9, Vancouver, CA.
- 2019 (May)      Convened and Chaired meeting for Institute of Gender and Health on *Sex and Gender Science*
- 2019 (May)      Organized symposium at the Annual Meeting of the Organization for the Study of Sex Differences: *Sex and Gender Science: What is it? What can it be?* Washington, DC (May 5-8)
- 2019 (Mar)      Canadian Representative to *Alzheimer's Disease International Medical and Scientific Advisory Panel*
- 2019 (Jan)      Editorial Board Member, *Frontiers in Neuroendocrinology* (Elsevier)
- 2018 (Nov)      Lead; Women, Sex, Gender, and Dementia Cross-cutting Program, Canadian Consortium on Neurodegeneration and Aging (2019–2024).
- 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. *The world writes on the body: How the environment impacts the genotype*. Florence, Italy. May 24 – 25.
- 2018 (Apr)      Chair, Review of the Institute of Gender and Health, Canadian Institutes of Health Research (Apr 17 – 18). Drafted and finalized the committee report.
- 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.
- 2018 (Jul)      Session Chair, International Congress on Neuroendocrinology. Toronto. Jul 15 – 18.
- 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 of 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. 2019/01 – 2021/12	Meeting of the Canadian Organization for Gender and Sex (COGS) Research PI: Gillian Einstein Co-I: Lori Brotto Co-I: Liisa Galea	\$19,910
2. 2019/01 – 2020/12	Meeting of the Canadian Organization for Gender and Sex (COGS) Research Ontario Brain Institute Meeting Award PI: Gillian Einstein	\$5,000
3. 2017/01 – 2022/12	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
4. 2016/09 – 2019/08	Kognitiv hälsa och välmående bland kvinnor med BRCA 1/2 genmutation efter avlägsnande av äggstockarna, Cancerfonden	SEK 1,800,000 (=\$269,000 CAD)

	PI: Gillian Einstein Co-PI: Preben Kjølhedde	
5. 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
6. 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>b. Co-Investigator or consultant</b>		
7. 2019/03 – 2024/02	Canadian Consortium on Neurodegeneration and Aging Canadian Institutes of Health Research and Partners PI: Howard Chertkow Co-I: Gillian Einstein, Lead: Women, Sex, Gender, and Dementia Cross-cutting Program	\$46,000,000 (For Sex and Gender: 1.25 mil, Brain Canada; 1.5 mil Institute of Gender and Health)
8. 2019/01 – 2021/12	Prophylactic bilateral salpingo-oophorectomy - effects on brain, memory, immune system and quality of life Dnr: LIO-796312 Region Östergötland PI: Elisabet Classen Co-I: Gillian Einstein	SEK 1,000,000 (= \$138,000 CAD)
9. 2018/12 – 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
10. 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)
11. 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 PI: Natasha Rajah	\$833,850

	Co-PI: Gillian Einstein (and others)	
12. 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)
13. 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)
14. 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)
15. 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
16. 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 for WSGD; \$65,039/yr to each Co-Lead
17. 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. 2020/11 – 2024/10	The impact of biological sex, 17B-estradiol levels in women, and +APOE <sub>4</sub> risk for Alzheimer's Disease on the neural correlates of episodic memory across the adult lifespan Canadian Institutes of Health Research PI: Maria Natasha Rajah Co-PI: Gillian Einstein	\$950,000
2. 2020/11 –	Has the COVID-19 pandemic accelerated the decline of persons with or at	\$249,937

2021/10	risk for dementia? Canadian Institutes of Health Research PI: Nathalie Phillips Co-Applicant: Gillian Einstein (and others)	
3. 2021/03 – 2027/02	Why do more women than men have Alzheimer's disease? New Frontiers in Research Fund (now at LOI stage) PI: Gillian Einstein Co-PI's: Natasha Rajah, Randy McIntosh, Janelle Taylor, Liisa Galea, Roger Dixon	Up to \$24,000,000

#### d. Student Fellowships

1. 2020–2021	Laurice Karkaby	CIHR Masters Award	\$17,000
2. 2020–2023	Alana Brown	NSERC	\$35,000/yr
3. 2019–2020	Courtney Kammampuzha	OGS	\$15,000
1. 2019–2020	Alana Brown: The Effects of Estrogen on Associative Memory in Spontaneous Menopause and Surgically-Induced Menopause: An fMRI analysis	CIHR Masters Award	\$17,500
2. 2019–2021	Alana Brown: The Effects of Estrogen on Associative Memory in Spontaneous Menopause and Surgically-Induced Menopause: An fMRI analysis	General Motors Women in Science and Mathematics Awards	\$5,000/yr
3. 2019–2020	Danielle Jacobson: Healthcare Experiences of Women with Female Genital Circumcision/mutilation/cutting (FGC)	OGS	\$15,000
4. 2018–2020	Danielle Jacobson: Healthcare Experiences of Women with Female Genital Circumcision/mutilation/cutting (FGC)	Richard and Marian Venn Women's Mental Health Scholarship, Women's College Research Institute	\$30,000
5. 2018–2019	Laura Gravelins: COMT genotype's effects on dopamine-dependent working memory in oral contraceptive users	CIHR Masters Award	\$17,500
6. 2017–2018	Danielle Jacobson: Healthcare Experiences of Women with Female Genital Circumcision/mutilation/cutting (FGC)	OGS	\$15,000
7. 2017–2019	Anne Almey: Negative impacts of oophorectomy prior to natural menopause on women's brain and cognition: investigating the mediating role of	Alzheimer's Society Postdoctoral Fellowship in Women's Brain Health and Aging	\$103,000

cortisol			
8. 2017–2019	Nicole Gervais: Sleep and Inflammation in Women with Oophorectomy	Alzheimer's Association Research Fellowship (US)	\$130,000 CAD
9. 2017–2018	Rebekah Reuben: The Impact of Estrogens on Cognition	CIHR Masters Award	\$17,500
10. 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
11. 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
12. 2014/05 – 2017/04	Laila Rahman: 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	Frederick Banting and Charles Best Canada Graduate Scholarships (CIHR ; doctoral)	\$105,000
13. 2015/09 – 2016/08	" "	Lupina Senior Doctoral Fellowship, Comparative Program on Health and Society, Munk School of Global Affairs	\$7,000
14. 2014/07 – 2015/06	Arija Birze: Emotional Labour: Gender, Work, and Stress	Currie Fellowship (PhD)	\$70,000
15. 2013/09 – 1014/08	Sonam Shah: Pain in Elderly South Asian Women	CIHR /Canadian Pain Society (masters)	\$17,500
16. 2013/01 – 2014/12	Samah Hassan: Addiction, Pain, and the Menstrual Cycle	Queen Elizabeth Graduate Fellowship Award in Addictions (masters)	\$15,000
17. 2012/09 – 2013/08	" "	Mitchell and Venn Women's Mental Health Fellowship (masters)	\$10,000
18. 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)

1. Subramaniapillai S., \*Almey, A., Rajah, A.N., Einstein, G. (2020) Sex and gender differences in cognitive and brain reserve: Implications for Alzheimer's disease in women. *Frontiers in Neuroendocrinology* (IN PRESS).
2. Kassee, C., \*Babinski, S., Tint, A., Lunsy, Y., Brown, H., Ameis, S.H., Szatmari, P., Lai, M-C., Einstein, G. (2020) Physical Health in Autistic Girls and Women: A Scoping Review. *Molecular Autism* 11, 84. [HTTPS://DOI.ORG/10.1186/S13229-020-00380-Z](https://doi.org/10.1186/s13229-020-00380-z).
3. \*Perovic, M., \*Jacobson, D., \*Glazer, E., Pukall, C. Einstein, G. (2020). Are you in pain if you say you are not? Accounts of pain in Somali-Canadian women with female genital cutting (FGC). *Pain*. 2020 Oct 22. doi: 10.1097/j.pain.0000000000002121. (ON LINE AHEAD OF PRINT)
4. \*Reuben, R., \*Aitken, D., Freedman, J., Einstein, G. (2020). Mistrust of the medical profession and higher disgust sensitivity predicts parental vaccine hesitancy. *PLoS One*. Sep 2;15(9):e0237755. doi: 10.1371/journal.pone.0237755
5. Demir, M., Vissandjée, B., Einstein, G. & \*Jacobson, D. (2020). Where Boys Don't Dance, But Women Still Thrive: Using a Development Approach as a Means of Reconciling the Promotion of Women's Health with the Legitimization of Cultural Practices in Low and Middle-Income Countries. *BMC International Health and Human Rights*. 20:14 <https://doi.org/10.1186/s12914-020-00230-2>. (10 PAGES)
6. \*Gervais, N., \*Au, A., Hampson, E., ... Einstein, G. (2020) Cognitive markers of dementia risk in middle-aged women with bilateral salpingo-oophorectomy prior to menopause. *Neurobiology of Aging*. 94:1-6. (5 PAGES)
7. \*Mustafa, N., MacNeill, M. Watt-Watson, J., Einstein, G. (2020) The lived experiences of chronic pain among immigrant Indian-Canadian women: A phenomenological analysis. *Canadian Journal of Pain*. DOI: [10.1080/24740527.2020.1768835](https://doi.org/10.1080/24740527.2020.1768835) (10 PAGES)
8. \*Birze, A., LeBlanc, V., Regehr, C., Paradis, E., Einstein, G. (2020) The "Managed" or damaged heart? Emotional labour, posttraumatic, and gender stressors predict workplace event-related acute changes in cortisol, oxytocin, and heart rate variability. *Frontiers in Psychology*. 08 April. <https://doi.org/10.3389/fpsyg.2020.00604>
9. \*Rahman, L., Du Mont, J., O'Campo, P. Einstein, G. (2019) Intersectional community correlates of married women's experiences of male intimate partner physical violence in Bangladesh: a cross-sectional study. *J Epidemiol Community Health*:1-8. doi:10.1136/jech-2019-212295 (7 PAGES)
10. \*Peragine, D., \*Simeon-Spezzaferro, C., Brown, A., Hampson, E., Einstein, G. (2019) Sex difference or hormonal difference in mental rotation? The influence of ovarian milieu. *Psychoneuroendocrinology*. 115, <https://doi.org/10.1016/j.psyneuen.2019.104488> (5 PAGES)

11. \*Rahman, L., Du Mont, J., O'Campo, P., Einstein, G. (2019) Currently married women's present experiences of male intimate partner physical violence in Bangladesh: An intercategory approach. *Global Public Health*, <https://doi.org/10.1080/17441692.2019.1649447> (10 PAGES)
12. Walsh, R.J. & Einstein, G. (2019) Transgender embodiment: A feminist, situated neuroscience perspective. *Journal of the International Network for Sexual Ethics and Politics*. (IN PRESS).
13. \*Jacobson, D., \*Glazer\* E., Mason, R., \*Duplessis, D., \*Blom, K., 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>.
14. Edwards, H., \*Duchesne, A., \*Au, A., M., Einstein, G. (2018) The many menopauses: Implications for research and clinical practice. *Menopause*, DOI: <https://doi.org/10.1097/GME.0000000000001171>. (21 PAGES)
15. \*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. DOI: 10.1177/1557988317753241 (11 PAGES).
16. 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)
17. 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)
18. \*Duchesne, A., Tannenbaum, C. & Einstein, G. (2016) Funding agency mechanisms to increase sex and gender analysis. *The Lancet*, 389(10070): 699. (1 PAGE)
19. 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)
20. 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)
21. \*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)
22. \*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)
23. Sandberg, K., Ji, H., 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)
24. \*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)

25. 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)
26. \*Hassan, S., \*Muere, A., & Einstein, G., (2014) Ovarian hormones and chronic pain: A comprehensive review. *Pain* 155(12)120: 2448-2460. (12 PAGES)
27. \*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)
28. Einstein, G., Downer, J., & Kennedy, S. (2013) Gender/sex differences in emotion. *Medicographia* #116, 35(3): 271–280 (9 PAGES)
29. 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)
30. \*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))
31. 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)
32. 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-fucking-incompetent>)
    - 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>)
33. \*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)
34. \*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)
35. \*Bellem, A., \*Meiyappan, S., Romans, S., & Einstein, G. (2011) Measuring estrogens and progestagens in humans: an overview of methods. *Gender Medicine* 8: 283–299. (16 PAGES)
36. Einstein, G. & Shildrick, M. (2009) The postconventional body: Re-theorizing women's health. *Soc. Sci. Med.* 69: 293–300 (7 PAGES)
37. Einstein, G. (2008) From body to brain: considering the neurobiological effects of female genital cutting. *Persp. Biol. Med.* 51: 84–97. (13 PAGES)

38. \*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)
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- b. Books and/or Chapters
1. Einstein, G., Blake, J., and \*Perovic, M. (3rd ed) (2019) Sex Hormones and Human Sexuality (chapter 5) In: Pukall, C (Ed) *Human Sexuality*. New York: Oxford Univ. Press, 107–130. (23 PAGES)
  2. 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. (10 PAGES)

3. 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)
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  5. 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)
  6. Einstein, G. (2012) Situated Neuroscience: Elucidating a Biology of Diversity. in: Bluhm, R., Mai-bom, H., & Jacobson, A.J. (Eds). *Neurofeminism: Issues at the Intersection of Feminist Theory and Cognitive Science*, New York: Palgrave MacMillan, 145–174. (29 PAGES)
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  8. 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)
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  11. 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.utoronto.ca/~womenshealth/womenshealth/Blog/Entries/2013/5/1\\_Vol\\_12\\_Issue\\_1\\_2013\\_Content.html](http://www.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? *Idea&s* 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
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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

11. \* Schiralli, J., \*Peragine, D., Chasteen, A.L., Einstein, G. (2020) Implicit and explicit gender stereotype endorsement in transgender, gender non-binary, and cis gender adults. *Archives of Sexuality*. (UNDER REVISION)
12. \*Reuben, R., \*Karkaby, L., \*McNamee, C., Phillips, N., Einstein, G. (2020) The association between estrogen and subjective cognitive complaints: A possible contribution to Subjective Cognitive Decline? (IN PREPARATION FOR *CLIMACTERIC*).
13. \*Almey, A., \*Gervais, N., \*Duchesne, A., \*Reuben, R., \*Gravelsins, L., \*Baker-Sullivan, E., Witt, S.T., Rydmark Kersley, Å., Classon, E., Lykke, N., Theodorsson, E., Ernerudh, J., Åvall-Lundqvist, Kjølhedde, P. Novembre, G., Engstrom, M., Foulkes, W., Meschino, W., Bernardini, M., Eisen, A., Grady, C. Rajah, N. & Einstein, G. (2020). Poorer memory and reduced right frontal cortical thickness in middle age women with surgical menopause: Early markers for late life Alzheimer's. (UNDER REVISION)
14. 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. (2020) *Gender Variables in Health Research*. (UNDER REVISION, PLOS ONE).



15. \*Peragine, D., \*Watt, S., \*Gervais, N., \*Simeon-Spezzaferro, C., Einstein, G. (2020) Transmasculine cognition revisited: Contribution of ovarian hormone milieu and androgen therapy. *Hormones and Behavior* (UNDER REVISION).
16. \*Gravelsins, L., \*De Sousa, AM, \*McNamee, C, \*Machlab, KM, \*Velikonja, L., \*Demircan, BD., Duncan, K., Einstein, G. (2020). Synthetic estrogen and cognition: Do time of oral contraceptive ingestion and the COMT Va<sup>158</sup>Met Polymorphism affect working memory? (IN PREPARATION).
17. \*Gravelsins, L., Reuben, R., ... Einstein, G. (2020). Time since oophorectomy affects memory in women with the BRCA1/2 mutation. (IN PREPARATION).
18. \*Gervais, N., \*Nicoll, G., \*Baker-Sullivan, E., \*Mendoza, L., \*Lauzon, C., \*Almey, A., \*Gravelsins, L., \*Brown, A., \*Duchesne, A., Olsen, R., Grady, C., Einstein, G. (2020). Impact of early estrogen deprivation on sleep quality and hippocampal volume in middle-aged women. (IN PREPARATION).

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

1. Gervais, N.J., Lauzon, C., Nicoll, G., Baker-Sullivan, E., Brown, A., Reuben, R., Duchesne, A., Mendoza, L., Perovic, M., Kannampuzha, C., Grady, C., Olsen, R., & **Einstein, G.** (2020). Effects of early surgical menopause on sleep, memory, and medial temporal lobe structure at midlife. Presented at the Alzheimer's Association International Conference. Virtual conference. July 27 – 31.
2. Reuben, R., Almey, A., Gervais, N.J., Au, A., Duchesne, A., Gravelsins, L., Brown, A., Kannampuzha, C., Perovic, M., Bernardini, M., Eisen, A., Meschino, W., Foulkes, W., Grady, C., & Einstein, G. (2020). Memory complaints are associated with impaired working memory and reduced frontal cortical thickness in mid-life surgically menopausal women. Poster presentation at the Alzheimer's Association International Conference. Virtual conference. July 27 – 31.
3. Brown, A., Almey, A., Gervais, N. J., Duchesne, A., Gravelsins, L., Reuben, R., Baker-Sullivan, E., Rieck, J., Baracchini, G., Foulkes, W., Meschino, W., Grady, C., & **Einstein, G.** (2020) Effects of menopausal estrogen loss on the functional brain activity underlying associative memory. Poster presentation at Organization for Human Brain Mapping Annual Meeting. Virtual conference. June 23 – July 3.
4. Gervais, N.J., Lauzon, C., Nicoll, G., Baker-Sullivan, E., Brown, A., Reuben, R., Duchesne, A., Mendoza, L., Perovic, M., Kannampuzha, C., Grady, C., Olsen, R., & **Einstein, G.** (2020). Effects of early surgical menopause on sleep, memory, and medial temporal lobe structure at midlife. Poster presentation at the Organization for Human Brain Mapping Annual Meeting. Virtual conference. June 23 – July 3.
5. \*Schiralli, J. E., Peragine, D., Chasteen, A. L., & **Einstein, G.** (2020, February). Explicit gender stereotype endorsement in transgender, gender expansive, and cisgender individuals. Poster presented for the Gender Preconference, *Society of Personality and Social Psychology*, New Orleans, LA.
6. Gervais, N.J., Nicoll, G., Baker-Sullivan, E., Lauzon, C., Mendoza, L., Almey, A... **Einstein, G.** (2019). Impact of early estrogen deprivation on sleep, memory, and hippocampal volume in middle-aged women. In: *Human Brain Mapping and Imaging in Health and Diseases. Nanosymposium*. Society for Neuroscience, Chicago, IL.



7. \*Gravelsins, L., \*De Sousa, AM, \*McNamee, C, \*Machlab, KM, \*Velikonja, L., \*Demircan, BD., Duncan, K., Einstein, G. (2019). Synthetic estrogen and cognition: Do time of oral contraceptive ingestion and the COMT Val<sup>158</sup>Met Polymorphism affect working memory? Talk at, Canadian Society for Brain, Behaviour and Cognitive Science, Waterloo, ON, Jun 7 – 9.
8. \*Gervais, N., \*Nicoll, G., \*Baker-Sullivan, E., \*Mendoza, L., \*Lauzon, C., \*Almey, A., \*Gravelsins, L., \*Brown, A., \*Duchesne, A., Olsen, R., Grady, C., Einstein, G. (2019). Impact of early estrogen deprivation on sleep quality and hippocampal volume in middle-aged women: Preliminary findings. Talk at The Canadian Society for Chronobiology. Montreal, May 26 – 28.
9. \*Brown, A., \*Almey, A., \*Gervais, N.J., \*Duchesne, A., \*Gravelsins, L., \*Baker-Sullivan, E.B., \*Nichol, D., Baracchini, G., Grady, C., Einstein, G. (2019). Effects of estrogen depletion, age, and functional brain activity on associative memory in spontaneous menopause and surgically-induced menopause. Poster at Canadian Organization for Neuroscience, Toronto, May 22 – 25.
10. \*Gravelsins, L., \*De Sousa, AM, \*McNamee, C, \*Machlab, KM, \*Velikonja, L., \*Demircan, BD., Duncan, K., Einstein, G. (2019). Synthetic estrogen and cognition: Do time of oral contraceptive ingestion and the COMT Val<sup>158</sup>Met Polymorphism affect working memory? Poster at Canadian Association for Neuroscience, Toronto, May 22 – 25.
11. \*Gervais, N., \*Nicoll, G., \*Baker-Sullivan, E., \*Mendoza, L., \*Lauzon, C., \*Almey, A., \*Gravelsins, L., \*Brown, A., \*Duchesne, A., Olsen, R., Grady, C., Einstein, G. (2019). Impact of early estrogen deprivation on sleep quality and hippocampal volume in middle-aged women: Preliminary findings. Poster at Poster at Canadian Association for Neuroscience, Toronto, May 22 – 25.
12. \*Jacobson, D., \*Glazer, E., Mason, R., \*Duplessis, D., \*Blom, K., DuMont, J., Jassal, N., & Einstein, G. (2019) Female Genital Cutting (FGC) and the lived experience of Somali-Canadian women. Talk at 3<sup>rd</sup> International Experts Meeting on FGM/C, Brussels. May 20 – 21.
13. \*Almey, A., \*Gervais, N., \*Duchesne, A., \*Reuben, R., \*Gravelsins, L., \*Baker-Sullivan, E., Witt, S.T., Rydmark Kersley, Å., Classon, E., Grady, C., Rajah, N., & Einstein, G. (2019). Bilateral salpingo-oophorectomy prior to spontaneous menopause is associated with reduced cortical thickness and working memory performance: A protective role for hormone therapy. Poster at Organization for the Study of Sex Differences, Washington, DC, May 6 – 8.
14. \*Brown, A., \*Almey, A., \*Gervais, N.J., \*Duchesne, A., \*Gravelsins, L., \*Baker-Sullivan, E.B., Nichol, D., Baracchini, G., Grady, C., Einstein, G. (2019). Effects of estrogen depletion, age, and functional brain activity on associative memory in spontaneous menopause and surgically-induced menopause. Poster at Organization for the Study of Sex Differences, Washington, DC, May 6 – 8.
15. \*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.
16. \*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.

17. \*Jacobson, D., & Einstein, G. (2018). Dual perspectives on healthcare: A critical literature review on women with FGC and their practitioners. Talk at Qualitative Health Research Conference, Halifax, Oct 25 – 26.
18. \*Jacobson, D., \*Lee, J., & Einstein, G. (2018). An analytic review of the literature on Female Genital Circumcision/Mutilation/Cutting (FGC): The Möbius strip of body and society for women with FGC. Poster at 24<sup>th</sup> Canadian Conference on Global Health, Toronto, Oct 17 – 19.
19. \*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., Kjølhede, 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.
20. \*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.
21. \*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>
22. \*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).**
23. \*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.
24. \*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, PS1.0033. Toronto, ON. July 15 – 18. <http://www.icn2018.org/wp-content/uploads/2018/07/ICN2018-Book-of-Abstracts.pdf>
25. \*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>
26. \*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.

27. \*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.
28. Witt, S.T., Rydmark Kersley, Å., Classon, E., Lykke, N., Shildrick, M., Åsberg, C., Grady, C., Theodorsson, E., Ernerudh, J., Åvall Lundqvist, E., Kjølhed, 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/EPo6.htm](https://www.ismrm.org/18/program_files/EPo6.htm).
29. \*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.
30. \*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.
31. \*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.
32. \*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.
33. Einstein, G. (2017) Sex, gender, and cognition. International Society for Gender Medicine., Sendai, Japan. Sep 14 – 16.
34. \*Duchesne, A., Witt, S., Engström, M., Classon, E., Kjølhed, P., Rydmark Kersley, Å., Theodorsson, 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.
35. \*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.
36. \*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.
37. \*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.
38. \*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)

39. \*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.
40. \*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.
41. 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.
42. \*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.
43. \*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.
44. \*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.
45. \*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://transright-europe.files.wordpress.com/2016/05/trans\\_for\\_mations-abstracts-and-bios3.pdf](https://transright-europe.files.wordpress.com/2016/05/trans_for_mations-abstracts-and-bios3.pdf))
46. \*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.
47. \*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.
48. \*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.
49. \*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.
50. \*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.

51. \*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).
52. 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
53. \*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.
54. \*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.
55. \*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.
56. \*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.
57. \*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.
58. \*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.
59. \*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.
60. \*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.
61. \*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.
62. \*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.
63. \*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.

64. \*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.
65. \*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.
66. \*Glazer, E., \*Karim, N., Gordan, A., Pukall, C., & Einstein, G. (2011) Chronic Pain in Somali-Canadian Women. *Society for Neuroscience*. Nov 12–16 (Abstr).
67. \*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).
68. \*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).
69. \*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).
70. \*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.
71. \*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.
72. \*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.
73. \*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.
74. \*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.
75. Einstein, G. (2010) Cultural Inscriptions: Female Genital Cutting and the Central Nervous System. *Worn Bodies: Rethorizing Women's Health*, Lancaster, UK. Mar 22. (INVITED)
76. Einstein, G. (2009) Reconciling Sex and Gender: The interaction of Biology and Society. Fourth Annual Congress of Gender Medicine, Berlin. Nov 6–8. (INVITED)
77. 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)

78. 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)
79. Einstein, G. (2009) Making Sex. CIHR Institute of Gender and Health First Summer Institute, Univ. of British Columbia, Vancouver, BC. Jun 22–25. (INVITED)
80. 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)
81. 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)
82. 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)
83. Dayi, A., Einstein, G., & Metz, 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.
84. 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)
85. 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)
86. 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)
87. 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.
88. \*Wayurakul, W., Einstein, G., & Batty, HP (2005) Why Don't Men Go to the Doctor? Family Medicine Forum, Vancouver, BC. June 10.
89. Einstein, G., \*Mann, S., \*Varner, J., Xu, P-T., Saunders, A., Roses, A.D., Gilbert, J., & Schmechel, D.E. (1998) Synapto-dendritic Evidence of an APOE Allelic Variation in the Dentate Gyrus of Transgenic Mice. *Neurobiol. Aging (Abstr)* 19: 5143.
90. Mohlar, E.G., Einstein, G., & Williams, C.L. (1997) Spatial Memory is Impaired in Female Apolipoprotein E-deficient Mice. *Soc. Neurosci. (Abstr.)* 23: 564.
91. \*Henderson, P., Williams, C.L., & Einstein, G. (1997) Dentate Granule Cells Show Sexual Dimorphism in their Response to Aging and Deprivation to Gonadal Steroids. *Soc. Neurosci. (Abstr.)* 23: 532.
92. \*Mann, S., \*Varner, J., Xu, P-T., Saunders, A., Roses, A.D., Gilbert, J., Schmechel, D.E., & Einstein, G. (1997) Comparison of Morphology of Hippocampal Dentate Granule Cells in ApoE KO and Human E4 Transgenic Mice. *Soc. Neurosci. (Abstr.)* 23: 828.

93. \*Henderson, P., Williams, C.A., & Einstein, G. (1996) Acute but not Chronic Administration of Estradiol Increases Spine Density of Dentate Granule Cells in the Aged Rat. *Soc. Neurosci. (Abstr.)* 22(1-3): 1164
94. \*Varner, J. Thomas, A.M., Gilbert, J., Schmechel, D., Zhang, S., Maeda, N., Roses, A.D., & Einstein, G. (1996) Dentate Granule Cells in ApoE-Knockout Mice Show No Change in Synapto-Dendritic Structures. *Soc. Neurosci. (Abstr.)* 22(1-3): 209
95. McNeil, M. A., Einstein, G., & Payne, B.R. (1995) Hypertrophied Type IV Thalamic Neurons Projecting to Middle Suprasylvian Cortex Following Early Removal of Cortical Areas 17 and 18. *Soc. Neurosci. Abstr.* 21: 906.
96. Einstein, G., \*Bautista, P., \*Patel, V., \*Kenna, M., \*Melone, L., \*Fader, R., \*Karson, K., Saunders, A., Hulette, C., Roses, A., & Schmechel, D. (1995) Distribution of ApoE-Immunoreactive Neurons in Control and AD Brains. *Soc. Neurosci. Abstr.* 21: 1008.
97. Einstein, G., \*Bautista, P., \*Patel, V., \*Kenna, M., \*Melone, L., \*Fader, R., \*Karson, K., Saunders, A., Hulette, C., Roses, A., & Schmechel, D. (1995) Does Apoe-Immunoreactivity Mark Vulnerable Neurons in Alzheimer's Disease? International symposium on Alzheimer's Research, in *Alzheimer's Research* 1: 28.
98. \*Cook, A.T. & Einstein, G. (1993) Pattern and Laminar Distribution of Intrinsic Connections in Cat Lateral Suprasylvian Cortex. *Soc. Neurosci. Abstr.* 19:970.
99. Roe, M.T., Hulette, C.M., Einstein, G., & Crain, B.J. (1992) Microglia are Not Exclusively Associated with Plaque-Rich Regions of the Dentate Gyrus in Alzheimer's Disease. *Soc. Neurosci. Abstr.* 18:564.
100. Einstein, G. & Crain, B.J. (1992) Intracellular Injections Reveal that Relationship of Granule Cell Dendrites to Neuritic Plaques in Alzheimer's Disease. *Soc. Neurosci. Abstr.* 18: 198.
101. Einstein, G. & \*Liu, Y. (1991) Morphology of Neurons in Cat Lateral Suprasylvian Sulcus that Project to Area 17 and to the Superior Colliculus. *Soc. Neurosci. Abstr.* 17: 844.
102. Lee, T.H., Ellinwood, E.H., Kuhn, C.M., & Einstein, E. (1990) In Vitro Extra- and Intracellular Recording from Single Midbrain Dopamine Neurons with Identification of their Projection Sites. *Soc. Neurosci. Abstr.* 16: 1044.
103. \*Farris, D.B., Einstein, G., Burger, P.C., & Crain, B.J. (1990) Use of a Fluorescent Tracer for the Labeling of Axonal Pathways and for the Retrograde Filling of Neurons in Formalin-Fixed Human Brain Tissue. *Am. Soc. for Neuropath. (Abstr.)*. 49(3): 315.
104. Fitzpatrick, D. & Einstein, G. (1989) Laminar Distribution and Morphology of Area 17 Neurons Projecting to the Lateral Geniculate Nucleus in the Macaque. *Soc. Neurosci. Abstr.* 15: 1398.
105. Einstein, G. & Fitzpatrick, D. (1988) Distribution and Morphology of Neurons in Cat Area 17 that Project to the Medial Bank of the Lateral Suprasylvian Sulcus. *Soc. Neurosci. Abstr.* 14: 602.
106. Einstein, G., & Fitzpatrick, D. (1987) Intracellular Injection of Lucifer Yellow into Cortical Neurons in Lightly Fixed Sections and its Application to Human Autopsy Material. *Soc. Neurosci. Abstr.* 3: 676.
107. Troy, J.B., Einstein, G., Schuurmans, R.P. & Enroth-Cugell, C. (1985) A Quantitative Study of Rodieck's Suppressed-By-Contrast Cells. *Suppl. Invest. Ophthalm. Vis. Sci.* 26: 64.



108. Schuurmans, R.P., Troy, J.B., Robson, J.G., Einstein, G., & Enroth-Cugell, C. (1985) The Second Harmonic Component of X and Y Cells. *Suppl. Invest. Ophthalm. Vis. Sci.* 26: 63.
109. Einstein, G., Hamos, J., Davis, T.L., & Sterling, P. (1984) Distribution and Patterns of Synaptic Input to Neurons in Striate Cortex that Contain a CLB. *Soc. Neurosci. Abstr.* 10: 520.
110. Einstein, G., Davis, T.L., & Sterling, P. (1984) Convergence on Neurons in Layer IV of lateral Geniculate Terminals Containing Round or Pleomorphic Vesicles. *Soc. Neurosci. Abstr.* 9: 820.
111. Einstein, G., Davis, T.L. & Sterling, P. (1983) Evidence that Two Types of X-Cell Project to Area 17. *Suppl. Invest. Ophthalm. Vis. Sci.* 21: 266.
112. Aoki, A. & Einstein, G. (1975) The Ultrastructure of the Testis as Seen with the Tannic Acid Technique. *Anat. Rec.* 181: 303.

#### 4. Invited Lectures (last 7 years)

2020	Nov 12	<i>Addressing the Confusion of 'Pain Experiences' by Women who have Undergone FGC/E: The Importance of Data for Personalized and Sustainable Programs</i>	Reflection Seminar: "Words Matter, Numbers Matter: Counting with Sensitivity" organized by the RHCforFGC <i>Sharing Actions and Strategies for Respectful and Equitable Health Care for Women with FGC/E</i> Europe-Canada Transnational Project - Gender-Net Plus Consortium [Zoom].
	Oct 26	<i>The Many Menopauses and Oophorectomy in Middle-aged Women: Are the Changes Early Brain Aging?</i>	Women's Brain Health Cluster Conference I: Middle Age, Menopause, and Health. Vancouver, BC [Zoom]
	Oct 22	<i>Integrating sex and gender in aging and neurodegeneration research: Examples from micro- to macro-data</i>	Canadian Consortium on Neurodegeneration and Aging Partner's Forum and Science Day Sex and Gender Workshop. [Zoom]
	May 19	Commentator with the Right Honourable Adrienne Clarkson	Massey Dialogues: On Being Old in the Time of Coronavirus. <a href="https://www.youtube.com/watch?v=HVOoDuz6RIs">https://www.youtube.com/watch?v=HVOoDuz6RIs</a>
	Jan 24	<i>Why do more women have Alzheimer's disease? Sex &amp; gender in dementia</i>	Centre for Research in Human Development's (CRDH) annual conference. Concordia University. Montréal, CA. Jan 23 – 24.
2019	Nov 14	From body to brain: Situated Neuroscience	Faculty of Health and Society Centre for Sexology and Sexuality Studies, Malmö University, Malmö, SE, Nov 14.
	Oct 6	<i>Integrating sex and gender in dementia research: Probing the possibilities</i>	Canadian Consortium Annual Partner's and Science Meeting, Québec City, CA. Oct 5 – 6.

Oct 3	Science is better with sex and gender	Diversity in Research Design, presented by the Division of the Vice-President, Research and Innovation, University of Toronto, CA. Oct 3.
Aug 16	The Effects of E2 replacement on memory and brain aging in middle-aged women with BSO: The quandary of women with the BRCA1/2 mutations	Cognitive Effects of Hormone Replacement Therapy Workshop, National Institute on Aging, National Institutes of Health, Bethesda, MD. Aug 15 – 16.
June 11	Situated Neuroscience: Exploring biologies of diversity	Critical Neuroscience Workshop, McGill University, Montreal, June 10 – 14.
May 27	Why do more women have Alzheimer's disease? Sex & gender in dementia	Tsinghua – University of Toronto Joint Forum on Aging Well. Tsinghua University, Beijing, University of Toronto Delegation to China. May 28 – 31.
May 26	Why do more women have Alzheimer's disease? Sex & gender in dementia	Fudan University, Shanghai, University of Toronto Delegation to China. May 28 – 31.
Apr 29	Why do more women than men have Alzheimer's disease? Sex differences in the brain	Healthy Bodies, Healthy Minds. Educational event, Women's Brain Health Initiative. Globe and Mail Centre. Toronto, Apr 29.
Apr 26	Situated Neuroscience: Thinking through feminist approaches to empirical research	Linköping University, P6 Seminar, Tema Teknik, Linköping, Sweden
Apr 16	Feminist Neuro Science	Stockholm University, Department of Child and Youth Studies, Neuroscience and Education Network, Stockholm, Sweden
Apr 10	Situated Neuroscience: Bringing together sex and gender	Karlstad University, Department of Gender Studies, Karlstad, Sweden
Mar 25	Women's brain health: Sex, gender, and estrogens over a lifetime	Rotman Research Rounds, Baycrest Hospital, Toronto
Mar 25	Sex, Gender, and Women's Brain Health	Rehabilitation Sciences Institute Speakers Series, International Women's Day Celebration, Toronto
Mar 18	Why do more women have Alzheimer's disease? Sex and gender in dementia prevention	Keynote: Annual Rotman Research Conference, Mar 18 – 10, Toronto

2018	Nov 27	Situated Neuroscience: Bringing together sex and gender	Karlstad University, Department of Gender Studies, Karlstad, Sweden
	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 24 – 25
	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	Ontario Brain Institute, Public Talk for International Women's Day, Women Making a Difference in Brain Science. Toronto, ON <a href="https://www.youtube.com/watch?v=BFLnQX8Pq-M&amp;list=PLXgnozloEohLytB6SDEKdPDrAHfy2hPqR&amp;index=2">https://www.youtube.com/watch?v=BFLnQX8Pq-M&amp;list=PLXgnozloEohLytB6SDEKdPDrAHfy2hPqR&amp;index=2</a>
	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 Corporal 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 Gelinis, 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 SESSION CHAIR: Sex Differences in Immunity, Brain Plasticity and Disease</i> )	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. PSY5110, Sex Differences in Brain and Behaviour major responsibility for design of course
- b. PSY5112, Sex Differences in Brain and Behaviour (2010 & 2015) major responsibility for design of course
- c. CHL5109, Gender and Health (2011-2016) major responsibility for design of course
- d. CHL5005, Introduction to Public Health, PhD Seminar (2016) Co-director
- e. CHL5004, Introduction to Public Health, PhD Seminar (2011 & 2012) course director
- f. Student Seminar for Collaborative Graduate Program in Women's Health (2007-2017) (meets monthly) major responsibility for design of course

### 3. Theses supervised (last 7 years)

#### a. Masters

Laurice Karkaby	2020 (incoming)	The Lived Experience of BRCA and Oophorectomy
Mateja Petrovic	2019 – 2020	Brain Changes in Women with Estrogen Deprivation
Courney Kannampuzha	2019 – 2020	Inflammation, memory, and estrogen loss
Alana Brown	2018 – 2019	The Effects of Estrogen on Associative Memory in Spontaneous Menopause and Surgically-Induced Menopause: An fMRI Analysis
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
Emily Glazer	2010 – 2012	Embodiment, Pain, and Circumcision in Somali-Canadian Women



Deborah Schwartz	2010 – 2011	The Role of Estrogens in Cognition: Does Prophylactic Oophorectomy Affect Verbal, Spatial and Working Memory?
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## b. Doctoral

Mateja Perovic	2020 – current	Brain Changes in Women with Estrogen Deprivation
Alana Brown	2018 – current	Estrogens, Sleep, and Associative memory
Rebekah Reuben	2019 – current	Estrogens Across the Lifespan: Risk factors for Dementia in Women
Laura Gravelsins	2018 – current	Genetic modulation of cognitive changes due to estrogen loss
Marco Sama (outside project)	2018 – 2020	Sex Differences in Ensemble Perception
Rebekah Reuben	2017 – current	Memory Changes Over Time Since Oophorectomy
Diana Peragine Co-supervisor	2016 – 2019	Concordance in Sexual Desire and Sexual Response (shifted co-supervision to other co-supervisor)
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 – 2020	Pain in Elderly Indian Women
Arija Birze: (DLSPH)	2012 – 2019	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 – current	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

Lea Skewes	2018 – 2019	CABSOE: Counter Depression and Pain in women with Oophorectomy
Anne Almey	2017 – 2020	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 Cancer Management	Life after Oophorectomy
	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, 2020	Promotions Committee and various tenure committees
	2018 – 2020	Department CIHR Masters Award Committee
	2017 – 2020	Committee Member, PTR Review
	2016	Committee Member, Rotman Research Institute Scientist Review
	2016-2019	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 2010 – 2013	PhD Admissions Committee Social and Behavioural Sciences
	2015	Member of Work Load Committee
	2013 – 2014	Search Committee for 2 positions in Social and Behavioural Health
Arts & Science	2019 – 2020	Strategic Planning Process & Advancement Priorities Planning Workshop
	2018 – 2021	University College Council
	2017 – current	Executive Committee, Collaborative Specialization in Women's Health
	2011 – 2013	Undergraduate Life Sciences Committee
	2011 – 2015	Committee on Teaching and Learning

	2010 – 2012	Committee on Standing
Centre for the Study of Aging	2007 – current	Executive Committee
Centre for the Study of Pain	2013 – 18	Member
Cognitive Science Program	2008 – 2009	Steering Committee
Collaborative Graduate Program in Health Care, Technology, & Place	2005 – 2010	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 2008 – 2009	Member of Social Sciences, Humanities, and Education for Department of Psychology
University College	2013 – present	Member
	2007	Search for Director of Cognitive Science Program

## 2. Positions and service outside the University

Mar 2018 – current	Lead, Canadian Organization for Gender and Sex (COGS) Research
Dec 2019	Invited Participant, Canadian Institutes of Health Research, <i>Strategic Planning Consensus Workshop</i>
Nov 2019	Invited Participant, Canadian Institutes of Health Research, <i>Strategic Planning Summit</i>
Mar 2019 – Apr 2021	Canadian Representative to <i>Alzheimer's Disease International Medical and Scientific Advisory Panel</i>
Nov 2018– Dec 2024	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, Sweden
- 2017 – 2023 Chair, Institute Advisory Board, Institute of Gender and Health  
2013–2016 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 – 2020 Journal Reviewing for:
- a. *Alzheimer's Disease Research*
  - b. *Annals of Neurology*
  - c. *Biology of Sex Differences*
  - d. *BMC Women's Health* (Review and reviewer's name are also published)
  - e. *BMC Pregnancy and Childbirth*
  - f. *Canadian Medical Journal*
  - g. *Cerebral Cortex*
  - h. *Emotion*
  - i. *Frontiers in Neuroendocrinology*
  - j. *Frontiers in Neuroscience*
  - k. *Gender Medicine*
  - l. *Gender and the Genome*
  - m. *Health Education Research*
  - n. *Hormones and Behavior*
  - o. *International Journal of Women's Health*
  - p. *iScience*
  - q. *Journal of Alzheimer's Disease Research*
  - r. *Journal of Community Medicine and Health Education*
  - s. *Journal of Comparative Neurology*
  - t. *Journal of Endocrinology*
  - u. *Journal of Homosexuality*
  - v. *Journal of Neuroscience*
  - w. *Journal of the Biology of Sex Differences*
  - x. *Journal of Sleep Research*
  - y. *Journal of Social and Personal Relationships*
  - z. *Journal of Sexual Medicine*
  - aa. *Nature Reviews Neuroscience*
  - bb. *Nature—Scientific Reports*
  - cc. *Neurobiology of Aging*
  - dd. *Neuroendocrine Reviews*
  - ee. *PLOS ONE*
  - ff. *Proceedings of the National Academy of Science, B*
  - gg. *Reproductive Health Matters*
  - hh. *Social and Personal Relationships*

*Grant application review (since tenure)*

- 2017–2020 Member, Gender and Health Review Panel, Canadian Institutes of Health Research
- 2019–220 Vetenskapsrådet, Swedish Research Council
- 2017–2020 Member, College of Reviewers, Canadian Institutes of Health Research
- 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 Review Group ZGM1)

## 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 7 years)

- 2020 1. *LIU Magazine, Issue 2: June 2020*. With a focus on women's health. pp. 32-33. Ulrik Svedin. <https://secure.viewer.zmags.com/publication/7202c029#/7202c029/1>
- 2. *Toronto Sun: Men see face masks as sign of 'weakness': Mayor Tory*. May. 23. Bryan Passifiume. <https://torontosun.com/news/national/men-see-face-masks-as-sign-of-weakness-mayor-tory>
- 3. *theZoomer – Women's Brain Health & COVID*. May 15.
- 4. *Mind Over Matter Magazine: Levelling the Field Among Equals/Sex and Gender Neurodegenerative Disease Research*. The Women's Brain Health Initiative Magazine partnered with

- Brain Canada. Vol 8. Supplement in the *Globe and Mail*. <http://mindovermatter.womens-brains.webfactional.com/v9/>
- 2019 5. *National Post*: Double the number of women suffer from dementia – So why are even the lab rats in brain studies male? December 4, Nicholas Sokic. <https://national-post.com/health/double-the-number-of-women-suffer-from-dementia-so-why-are-even-the-lab-rats-in-brain-studies-male>
6. *Mind Over Matter Magazine*: Inside the Lab. 12-page spread featuring students and research in Einstein lab. The Women's Brain Health Initiative Magazine partnered with Brain Canada. Vol 8. Supplement in the *Globe and Mail*. <http://mindovermatter.womensbrains.webfactional.com/v8/>
7. *IMS Magazine*, Summer Edition: Women's Health. Estrogens and the Brain – How hormones affect cognition. [https://issuu.com/imsmagazine/docs/ims-summer-2019-compile-web\\_v2](https://issuu.com/imsmagazine/docs/ims-summer-2019-compile-web_v2)
8. Oral contraceptives: What do we know about the effects on the brain? *Globe and Mail*. March 29. <https://www.theglobeandmail.com/canada/article-what-do-we-know-about-the-effects-of-oral-contraceptives-on-the-brain/>
9. UNICEF report shows women want female genital cutting to end *Humber News*. March 29. <https://humbernews.ca/2019/03/unicef-report-shows-women-want-female-genital-cutting-to-end/>
10. Einstein vill förstå kvinnors. *Curie*, the magazine of the Swedish Research Council. <https://www.tidningencurie.se/nyheter/2019/01/09/einstein-vill-forsta-kvinnors-hjarnor/>
- 2018 11. CBC Ottawa Morning Interview about Brain Exhibit at the Museum of Nature, Ottawa. Aug 16.
12. Reuters Medicine for comment on *JAMA Neurology* article: Association of Bilateral Salpingo-Oophorectomy Before Menopause Onset with Medial Temporal Lobe Neurodegeneration, Oct 15.
13. Women and Dementia. *Alzheimer's Society Canada/Canadian Consortium on Neurodegeneration and Aging*. Webinar. May 9. <https://vimeo.com/268998912>
14. Everything 'The Female Brain' gets wrong about the female brain. *Newsweek*. Feb 10. <http://www.newsweek.com/science-behind-female-brain-802319>
15. 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/>
16. Episode 31, *The Raw: Scientists Talk, We Listen*. Podcast Jan 24. <http://www.rawtalkpodcast.com/2018/01/23/ep-31-dr-gillian-einstein/>
17. Frauen erkranken häufiger an Alzheimer. Jan 14. *Neue Zürcher Zeitung* <https://nzzas.nzz.ch/wissen/alzheimer-menopause-oestrogen-eierstockkrebs-gender-ld.1346563?reduced=true>
18. Staving off Dementia. *The Telegram*. Jan 19. <http://www.thetelegram.com/opinion/columnists/pam-frampton-staving-off-dementia-178764/>
19. 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>

20. 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.womens-brains.webfactional.com/v6/>
- 2017 21. We'd Know More About PMS if Researchers Spent as Much Time on It as ED. Is PMS biological or "cultural?" This mystery deserves boner-caliber research too. *Vice*. Dec 13. [https://tonic.vice.com/en\\_us/article/gydyzq/no-good-research-on-pms](https://tonic.vice.com/en_us/article/gydyzq/no-good-research-on-pms)
22. The Wilfred and Joyce Posluns Chair in Women's Brain Health & Aging. *Alzheimer's Society of Canada, Annual Report*, Nov 2017.
23. Cerebral CorteXX: Gillian Einstein's work on the aging female brain is changing the way we look at human health. *University College Alumni Magazine*. Fall. <https://www.uc.utoronto.ca/magazine/cerebral-cortexgillian-einstein's-work-aging-female-brain-changing-way-we-look-human>
24. Clinical Research: Inequality in Medicine. *Nature*. 550 (5 Oct 2017), pp. S18 – 19. ([http://www.nature.com/nature/journal/v550/n7674\\_supp/full/550S18a.html](http://www.nature.com/nature/journal/v550/n7674_supp/full/550S18a.html))
25. Toronto neuroscientist tackling science, sex and sexism in women's health, June 3. *The Toronto Star*. (<https://www.thestar.com/news/gta/2017/06/03/toronto-neuroscientist-tackling-science-sex-and-sexism-in-womens-health.html>)
26. U of T researcher looks into why dementia and depression hit women hardest, Mar 13. *University of Toronto Bulletin*
27. Leaders in Women's Health - Dr. Gillian Einstein, *Ontario Women's Health Network*. Mar 21. (<http://owhn.on.ca/en/blog/view/leaders-in-womens-health-dr.-gillian-einstein>)
28. Les maux tabous. Mar 2017 *Quebec Science*
29. Shining light on women's brain health. Women's Brain Health Initiative/*Mind Over Matter Magazine*. vol 4: pp. 37 – 38. ([http://mindovermatter.womensbrains.webfactional.com/MOM\\_SPRING\\_2017HTML5/](http://mindovermatter.womensbrains.webfactional.com/MOM_SPRING_2017HTML5/))
- 2016 30. Numerous Press Releases on the Chair in Women's Brain Health—Dalla Lana School of Public Health, CIHR, Women's Brain Health Initiative. (<http://www.newswire.ca/news-releases/womens-brain-health-receives-funding-for-leading-research-initiative-in-canada-571366081.html>)
31. The extra curse of the Angelina gene: Women who have their ovaries removed to slash the risk of cancer have a greater risk of dementia. *Daily Mail*. Jul 26. (<http://www.dailymail.co.uk/health/article-3707114/The-extra-curse-Angelina-gene-Women-ovaries-removed-slash-risk-cancer-greater-risk-dementia.html#ixzz4fOuRcBjm>)
32. Of Sex and Sleep: Exploring sex differences in sleep health and research. *Institute of Medical Sciences Magazine*, Feature Article. Summer 2016
33. Profiled in: *Psychology's Feminist Voices*. (<http://www.feministvoices.com/gillian-einstein/>)
34. Ontario Brain Institute, Mar 8. *Women Making a Difference*. (<https://www.youtube.com/watch?v=LZ3OQnzFmZI>)
35. *MISC Magazine*. Mar 8, Interview on the future of Brain Science and how research on hormones applies. (<http://miscmagazine.com>)
36. *Global News*. February 23, 2016. U.S. Gynecologists Suggest 'Compromise' When it Comes to Female Genital Mutilation. (<http://globalnews.ca/news/2535486/2-u-s-gynecologists->



- [suggest-compromise-when-it-comes-to-female-genital-mutilation/](#))
- 2015 37. Swedish TV, SVT, Dec 21. Vetenskapens Värld, Ulrika Engström. (<http://www.svt-play.se/video/5502688/vetenskapens-varld/vetenskapens-varld-avsnitt-36?start=auto>)
38. Vocativ, Dec 14. Tracy Clark-Flory: *The Military's Elite Soldiers Are Afraid of Women's Periods*. (<http://www.vocativ.com/260913/the-militarys-elite-are-afraid-of-womens-periods/>)
39. Yahoo News, Nov. 27. Melissa Dunn: *The PMS Package will mail you a box of treats right before your period every month* (<http://www.vocativ.com/260913/the-militarys-elite-are-afraid-of-womens-periods/>)
40. Gender Research in an International Environment: *Take Hold of the Whole Person*. *LIU Magazine*, 2. (Nov 2015 issue) (<http://viewer.zmags.com/publication/506900a3#/506900a3/1>)
41. Canadians balk at reforms to health-research agency. *Nature* **520**, 272–273 (16 April 2015) doi:10.1038/520272a (<http://www.nature.com/news/canadians-balk-at-reforms-to-health-research-agency-1.17319>)
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