

DONAL C. SKINNER

The Honors Tutorial College, Ohio University, Athens, OH 45701

CITIZENSHIP USA

EDUCATION

- 1997 -1998 Postdoctoral Wellcome Trust International Prize Travelling Research Fellow, INRA, France
- 1994 -1996 Postdoctoral Research Fellow, University of Cambridge, St Catharine's College, Cambridge, UK
- 1994 PhD Biology (Neuroendocrinology), University of Cambridge, Cambridge, England
- 1988 BSc Honors Physiology, University of the Witwatersrand, Johannesburg, South Africa.
- 1987 BSc Zoology & Computer Science, Rhodes University, Grahamstown, South Africa.

ACADEMIC POSITIONS

- 2019-Present Dean, Honors Tutorial College, Ohio University
- 2019-Present Professor, Biological Sciences, Ohio University
- 2017-2019 Dean, The Honors College, University of Wyoming
- 2012-2019 Professor, Endocrinology, Department of Zoology & Physiology, University of Wyoming
- 2013-2017 Head of Department, Department of Zoology & Physiology, University of Wyoming
- 2005-2012 Associate Professor, Physiology, Department of Zoology & Physiology, University of Wyoming
- 2002-2005 Assistant Professor, Physiology, Department of Zoology & Physiology, University of Wyoming
- 1999-2001 Lecturer (equivalent, in the UK, to an Assistant Professor), Animal Reproduction, Department of Clinical & Veterinary Science, University of Bristol, Bristol, England; Tenured

BIOGRAPHY

Donal C. Skinner received his PhD from the University of Cambridge, England in 1994, following a BS in Zoology and Computer Science from Rhodes University in South Africa. After post-doctoral fellowships at Cambridge and INRA in France, he was appointed to an Assistant Professorship at the Vet school at the University of Bristol before relocating to the University of Wyoming in 2002. His research during the past 20 years has focused on the seasonal mechanisms driving hormone secretion and, most recently, on the roles of gonadotropin-releasing hormone (GnRH) outside the neuroendocrine reproductive axis. He was an editorial board member of *Neuroendocrinology* and the *Journal of Endocrinology and Reproduction*. After four years as head of the Department of Zoology and Physiology, he was selected in 2017 as the inaugural Dean of the University of Wyoming's Honors College. In 2019, following a national search, Skinner was selected as the Dean of the nationally acclaimed Honors Tutorial College at Ohio University. Skinner has an *h-index* of 33 and has published 80 papers in scientific journals, mostly on hormones secreted by the brain. He pioneered the development of the physiology bachelor's degree at UW as a direct response to increasing student preparedness for engaging in the health care professions in Wyoming.

ADMINISTRATIVE EXPERIENCE

Accomplishments as Dean of the Honors Tutorial College

Mental health is a serious issue in honors education nationally and data in HTC confirmed this as a major issue.

- Successfully argued for a dedicated honors-assigned mental health professional

Marketing and communication in HTC has been limited. Leading a revamp of the website and working with university marketing and communication for a complete overhaul. This is especially important for alumni outreach but also for recruitment.

Demand for HTC places remains high, but data analysis revealed poor diversity and first generation representation in the college. There was a single international student

- Making targeted efforts to increase diversity, first generation and international students
- In process of hiring an outstanding faculty member of color to direct the Cutler Scholars Program

Working strategically to retain budget at a time of significant budget reductions across Ohio University

Accomplishments as Dean of the UW Honors College

Following intensive data analysis to identify bottlenecks in Honors completion, and in consultation with others, I drafted the first strategic plan for the Honors College. Key areas aligned with the UW strategic plan *Breaking Through* directive of increasing the number of students graduating with Honors. These included, amongst many:

- Improving retention
 - oversaw a redesigned colloquium (50% of loss occurring here)
 - initiated new course development to align more closely with majors (10% loss)
- Increasing recruitment
 - developed several on site recruitment days specifically for Honors.
 - visited community colleges to create pathway for high achieving students into Honors
- Driving internationalization
 - New course development (10 new courses (12 total) from a base of 2 developed)
 - creating pathways for semesters abroad
- Creating a clear pathway for senior thesis completion (40% loss)
 - provided significant increase in project resources
 - assisting students identify mentors/projects
- Maximizing resources which enabled hiring of key new personnel into Honors
 - Assessment coordinator (MJ Flanigan)
 - Academic curriculum coordinator (A Stebner-Steele)
 - Senior thesis director (J Cassady)
 - Online course coordinator (MK Scott)
 - Long-term *High School Institute* director (C Rothfuss)

UW University & College Committees

2018-2019	Chair of the Calendar Committee
2018	Member of President's advisory council for Entrepreneurship & Innovation
2017-2018	Member of Co-curricular curriculum (SOAR) committee
2017	Member of search team for VP in Enrollment Management
2017	Member of the advisory committee to increase Trustee Scholar acceptance
2016-2017	Co-Chair of the Strategic Planning Subcommittee for Student Success
2016-2017	Member of the Strategic Planning Committee for Student Enrollment Management
2016	Co-Chair College of Arts & Sciences ad-hoc budgetary committee
2014-Present	Member of the UW Science Initiative Leadership Committee
2014-2016	Committee for Articulation of 2+2 with Community Colleges
2010-2011	Chair of the College of Arts and Sciences Tenure and Promotion committee

2008-2010	Member of the College of Arts and Sciences Tenure and Promotion committee
2012-2013	Member of the UW Women in Science Initiative
2012-2013	Member of the Society for Neuroscience Women in Science Initiative
2010-2013	Member of the Faculty Senate Speaker Series Committee
2008-2015	Chair of the Physiology Curriculum Committee
2004-2007	Member of the Faculty Senate Library Committee

Zoology & Physiology Department Committees

2011-2013 Assessment Committee
 2005-2013 Physiology Curriculum Committee Chair
 2008-2010 Gardner-Fiske Chair Search Committee
 2005-2008 Library Committee Representative
 2003-2017 T.S. Harris Premedical Scholarship Committee
 2002-2003 Neurobiology Position Search Committee
 2007-2009 Neurobiology Position Search Committee
 2002-2003 Head of Department Search Committee
 2002 Floyd Clarke Scholarship Committee

Inter-Department Committees

Division of Communication Disorders Position Search Committee 2003-2005
 Steering committee of the University of Wyoming/New York University Fetal Programming Research Center 2002-2005

FUNDRAISING INITIATIVES

Honors

McMurry-Spieles Honors-Libraries endowment (\$2.5 million)
 Hank Gardner Honors endowment (\$1 million)
 Harris endowment (\$80k and counting)
 John Clay endowment (\$550,000)
 Liz & Chad Deaton \$30k gift for student recruiting
 Several smaller donors (\$1-2.5k)

Zoology & Physiology

Facilitation of the WEST endowment (\$100,000)
 UW Science Initiative (\$85 million)
 Fred Harris (legacy endowment \$1.4 million)

HTC

Anne Cousins \$25k to international travel

TEACHING AND CURRICULUM DEVELOPMENT

Selected as one of 10 faculty in the College of Arts and Sciences for an Outstanding Teaching Award in 2005 and 2015. Received a "thumbs up" award Spring 2009. Awarded a Mortar Board "Top Prof" (2003, 2009, 2016, 2017), received the TS Harris Faculty award for teaching in the Zoology & Physiology Dept in 2011 and was the 2011 University of Wyoming CASE award nominee

In 2008, I developed a new degree (BS in Physiology) that forms the platform of students interested in entering the biomedical professional programs. Last year 50% of students accepted into the Wyoming contingent of the multi-state medical school consortium (WWAMI), were BS Physiology majors

I co-taught core courses in the Physiology BS

2006-2017; Fall (100 students) and Spring (210 students): ZOO3115 Human Systems Physiology

2006-2017; Fall (140 students): ZOO4125 Integrative Physiology

Developed two courses for Honors: HP3125 *Medicine's Moving Images* on the role of biology in cinema, which I co-taught with a professor of English and I developed a study abroad course (UK and France) HP4152 *A History of Medicine*. Currently developing another study abroad *War!*. Taught several graduate seminars in Reproductive Biology and Neuroscience

PUBLISHED WORKS (80 papers; h-index 33)

† Graduate Student; * Undergraduate Student (*italics* = undergraduate papers)

1. Pitynski-Miller D†, Ross M*, Schmill M*, Schambow R*, Fuller T*, Flynn FW, **Skinner DC** 2017 A high salt diet inhibits obesity and delays puberty in the female rat. *Int J Obesity*. 41:1685-1692
2. MacGregor MJ†, Asa C, **Skinner DC** 2017 Variable duration of reproductive suppression in male coyotes (*Canis latrans*) treated with a high dose GnRH agonist *Deslorelin*. *Reproduction, Fertility and Development* 29: 1271-1279
3. Cardoso RC, Burns A, Moeller J, **Skinner DC**, Padmanabhan V 2016 Developmental programming: Insulin sensitizer prevents the GnRH-stimulated LH hypersecretion in a sheep model of PCOS *Endocrinology* 157: 4641-4653
4. Pitynski DP†, Flynn FW, **Skinner DC** 2015 Does salt have a permissive role in the induction of puberty? *Medical Hypotheses* 85: 463-467
5. MacGregor MJ†, Perkins EG*, Asa C, **Skinner DC** 2013 Contraception has gone to the coyotes (*Canis latrans*). *J Zoo Wildl Med* 44: S4-S8
6. Edwards BS†, Smith A†, **Skinner DC** 2013 Chronic effects of the GnRH agonist deslorelin: the male rat as a model. *J Zoo Wildl Med Journal of Zoo and Wildlife Medicine* 44: S97-S101.
7. Smith AW†, Asa C, Edwards BS†, Murdoch WJ, **Skinner DC** 2012 Predominant suppression of FSH β -immunoreactivity after long-term treatment of intact and castrate adult male rats with the GnRH agonist *deslorelin*. *J Neuroendocrinol* 24(5):737-47
8. Alexander BM, **Skinner DC**, Roselli CE 2011 Wired on steroids: Sexual differentiation of the brain and its role in partner preference. *Frontiers in Neuroendocrinology* 2, 42: 1-11
9. Taylor AW, Evans NP, Hertz C, **Skinner DC** 2011 Intra-pituitary administration revisited: Development of a novel *in vivo* approach to investigate the ovine hypophysis. *J Neuroscience Methods* 199:175-182
10. Dong F, **Skinner DC**, Wu TJ, Ren J 2011 The heart: a novel GnRH target. *J Neuroendocrinol* 23(5):456-63
11. Albertson A† & **Skinner DC** 2009 A novel animal model to study hot flashes: no effect of GnRH. *Menopause* 16(5):1030-1036.
12. **Skinner DC**, Albertson AJ†, Navratil A, Smith A†, Mignot M†, Talbott H*, Scanlan-Blake N 2009 GnRH effects outside the hypothalamo-pituitary-reproductive axis. *J Neuroendocrinol* 21:282-292
13. **Skinner DC** 2009 Rethinking the stalk effect: A new hypothesis explaining suprasellar tumor-induced hyperprolactinemia. *Medical Hypotheses* 72:309-310
14. **Skinner DC**, Lang AL, Pahl L*, Wang Q* 2009 Substance P-immunoreactive cells in the ovine pars tuberalis. *Neuroendocrinology* 130: 3-8
15. Caraty A & **Skinner DC** 2008 Gonadotropin-releasing hormone in third ventricular cerebrospinal fluid: endogenous distribution and exogenous uptake. *Endocrinology* 149: 5227-5234
16. Albertson AJ†, Navratil A, Mignot M†, Dufourny L, Cherrington B, **Skinner DC** 2008 Immunoreactive GnRH type I receptors in the mouse and sheep brain. *J Chem Neuroanat* 35: 326-333
17. Albertson A†, Wang Q*, Talbott H*, Jensen D & **Skinner DC** 2008 The gonadotropin releasing hormone type I receptor is expressed in the mouse cerebellum. *The Cerebellum* 7: 379-384
18. Bliss SP, Navratil A, Breed M, **Skinner DC**, Clay CM & Roberson MS 2007 Signaling complexes associated with the type I GnRH receptor: Colocalization of ERK2 and GnRH receptor within lipid rafts. *Mol Endocrinol* 28: 531-549
19. Lutz L†, Schofield N*, Crowe C*, Dufourny L & **Skinner DC** 2007 No effect of nutrient restriction from gestational days 28 to 78 on immunocytochemically detectable growth hormone-releasing hormone (GHRH) neurons and GHRH receptor colocalization in somatotropes of the ovine female fetus. *J Chem Neuroanat* 33: 34-41
20. Lutz L†, Dufourny L & **Skinner DC** 2006 Effect of nutrient restriction on the somatotropes and substance P-immunoreactive cells in the pituitary of the female ovine fetus. *Growth Horm IGF Res.* 16:108-18

21. Dufourny L, Caraty A, Clarke IJ, Robinson JE & **Skinner DC** 2005 Progesterone-receptive dopaminergic and NPY neurons in the arcuate nucleus project to regions of high density GnRH neurons in the ovine preoptic area. *Neuroendocrinology* 82:21-31
22. Dufourny L & **Skinner DC** 2005 Immunocytochemical colocalization of galanin receptor 1 (GAL-R1) in GnRH neurons in the ovine hypothalamus: Effect of sex, season and oestrous cycle *Brain Res* 1054: 73-81
23. Dufourny L, Caraty A, Clarke IJ, Robinson JE & **Skinner DC** 2005 Progesterone-receptive β -endorphin and dynorphin B neurons in the arcuate nucleus project to regions of high density GnRH neurons in the ovine preoptic area. *Neuroendocrinology* 81: 139-149
24. **Skinner DC** & Dufourny L 2005 Estrogen receptor β expression in the ovine hypothalamus: Distribution and colocalization with GnRH *J Neuroendocrinol* 17: 29-39
25. Mignot M[†] & **Skinner DC** 2005 Colocalization of GH, TSH and prolactin, but not ACTH, with β LH-immunoreactivity: evidence for pluripotential cells in the ovine pituitary. *Cell Tiss Res* 319: 413 - 421
26. Dufourny L, Schofield N^{*} & **Skinner DC** 2003 Galanin expression in ovine GnRH neurons: no effects of gender or reproductive status. *J Neuroendocrinol* 15: 1062-1069
27. **Skinner DC** & Caraty A 2003 Prolactin release during the estradiol-induced LH surge in ewes: modulation by progesterone but no evidence for prolactin-releasing peptide involvement. *J Endocrinol* 177: 453-460
28. Scanlan N[†], Dufourny L & **Skinner DC** 2003 Somatostatin-14 neurons in the ovine hypothalamus: colocalization with estrogen receptor α and somatostatin-28(1-12) immunoreactivity, and activation in response to estradiol. *Biol Reprod* 69: 1318-1324
29. Vonnahme KA, Hess BW, Hansen TR, McCormick R, Rule DC, Moss GE, Murdoch WJ, Nijland M, Nathanielsz PW, **Skinner DC** & Ford SP 2003 A constant 50% nutrient restriction from day 28 to 78 of gestation in ewes markedly reduces fetal growth rate in association with bilateral ventricular hypertrophy. *Biol Reprod* 69: 133-140
30. Dufourny L & **Skinner DC** 2003 Colocalization of progesterone receptors and thyroid hormone receptors α in the ovine diencephalon: no effect of estradiol. *Neuroendocrinology* 77: 51-58
31. **Skinner DC**, Head S^{*} & Oliver J^{*} 2003 Growth hormone-releasing hormone neurones in the cat do not express progesterone receptors. *Cell Tissue Res*. 311: 267-270
32. Skinner JD, Moss DG^{*} & **Skinner DC** 2003 Inherent seasonality in the breeding seasons of African mammals: evidence from captive breeding. *Trans Roy Soc Sth Afr* 57: 25-34
33. Dufourny L & **Skinner DC** 2002 Progesterone receptor, estrogen receptor α and the type II glucocorticoid receptor are coexpressed in the same neurons of the ovine preoptic area and arcuate nucleus: a triple immunolabeling study. *Biol Reprod*. 67: 1605-1612
34. Foradori CD, Coolen LM, Fitzgerald, ME, **Skinner DC**, Goodman RL & Lehman, MN 2002 Coexpression of progesterone receptors in parvicellular dynorphin neurons of the ovine preoptic area and hypothalamus. *Endocrinology*. 143: 4366-4374
35. **Skinner DC**, Cilliers SD & Skinner JD 2002 The effect of ram introduction on the oestrous cycle of springbok ewes (*Antidorcas marsupialis*). *Reproduction*. 124: 509-513
36. Dufourny L & **Skinner DC** 2002 Type II glucocorticoid receptors in the ovine hypothalamus: distribution, influence of estrogen and absence of colocalisation with GnRH. *Brain Res*. 946: 79-86
37. Dufourny L & **Skinner DC** 2002 Influence of estradiol on NADPH diaphorase/neuronal nitric oxide synthase activity and colocalization with progesterone- or type II glucocorticoid-receptors in the ovine hypothalamus. *Biol Reprod*. 67: 829-836
38. **Skinner DC** & Caraty A 2002 The measurement and possible function of GnRH in cerebrospinal fluid in ewes. *Reproduction Suppl* 59: 25-39
39. Malpoux B, Tricoire H, Daveau A, Locatelli A, Chemineau P & **Skinner DC** 2002 Melatonin and seasonal reproduction: understanding the neuroendocrine mechanisms using the sheep as a model. *Reproduction Suppl* 59: 167-179
40. Evans NP, Richter TA, **Skinner DC**, Robinson JE 2002 On the neuroendocrine mechanisms of GnRH surge

- induction by estradiol. *Reproduction Suppl* 59: 57-66
41. Goodman RL, Gibson M, **Skinner DC** & Lehman MN 2002 Neuroendocrine control of pulsatile GnRH secretion during the ovarian cycle: Evidence from the ewe. *Reproduction Suppl* 59: 41-56
 42. Scanlan N[†] & **Skinner DC** 2002 Estradiol modulation of growth hormone secretion in the ewe: no growth hormone-releasing hormone neurons and few somatotropes express estradiol receptors. *Biol Reprod.* 66: 1267-1273
 43. **Skinner DC**, Caraty A & Allingham R 2001 Unmasking the progesterone receptor in the preoptic area and hypothalamus of the ewe: no colocalization with GnRH neurons. *Endocrinology.* 142: 573-579
 44. **Skinner DC**, Richter TA[†], Malpaux B & Skinner JD 2001 Annual ovarian cycles in an aseasonal breeder, the springbok (*Antidorcas marsupialis*) *Biol Reprod.* 64: 1176-1182
 45. Skinner JD & **Skinner DC** 2001 Significance of aseasonal breeding in arid adapted antelope in southern Africa. *Ecology of Desert Environments* pages 391-403
 46. Richter TA, Spackman DS*, Robinson JE, Dye S, Harris TG, **Skinner DC** & Evans NP 2001 Role of endogenous opioid peptides in mediating progesterone-induced disruption of the activation and transmission stages of the GnRH surge induction process. *Endocrinology* 142: 5212-5219
 47. **Skinner DC**, Harris TG & Evans NP 2000 Duration and amplitude of the luteal phase progesterone increment times the estradiol-induced LH surge in ewes. *Biol Reprod* 63: 1135-1142
 48. Chabbert-Buffet N, **Skinner DC**, Caraty A & Bouchard P 2000 Neuroendocrine actions of progesterone. *Steroids* 65: 613-620
 49. Robinson JR, Healey AE, Harris TG, Messent AE, **Skinner DC**, Taylor JA & Evans NP 2000 The negative feedback action of progesterone on luteinizing hormone release is not associated with changes in GnRH mRNA expression in the ewe *J Neuroendocrinol* 12: 121-130
 50. **Skinner DC**, Bouchard P & Caraty A 1999 The progesterone blockade of the luteinizing hormone surge is overcome by RU486. *J Neuroendocrinol* 11: 637-643.
 51. **Skinner DC** & Malpaux B 1999 High melatonin concentrations in third ventricular cerebrospinal fluid are not due to Galen vein blood recirculating through the choroid plexus. *Endocrinology* 140: 4399-4405.
 52. Caraty A & **Skinner DC** 1999 Progesterone is essential for the full expression of the positive feedback effect of estradiol in inducing the preovulatory GnRH surge in the ewe. *Endocrinology* 140: 165-170.
 53. Caraty A & **Skinner DC** 1999 Dynamics of steroid regulation of GnRH secretion during the estrous cycle of the ewe. *Annales d'Endocrinologie* 60: 68-78.
 54. Harris TG, Dye S, Robinson JE, **Skinner DC** & Evans NP 1999 Progesterone can block the transmission of the estradiol-induced signal for LH surge generation during a specific period of time immediately after activation of the GnRH surge generating system. *Endocrinology* 140: 827-834.
 55. **Skinner DC** 1998 *Org-31806*. *IDrugs* 1:350-354.
 56. Harris TG, Robinson JE, Evans NP, **Skinner DC** & Herbison AE 1998 Gonadotropin-releasing hormone mRNA expression changes prior to the onset of the estradiol-induced LH surge in the ewe. *Endocrinology* 139: 57-64.
 57. **Skinner DC**, Caraty A & Evans NP 1998 Does gonadotropin-releasing hormone in the cerebrospinal fluid modulate luteinizing hormone release? *Neuroendocrinology* 67:37-44.
 58. **Skinner DC**, Evans NP, Bouchard P, Delaleu B & Caraty A 1998 The negative feedback actions of progesterone on gonadotropin-releasing hormone secretion are transduced by the classical progesterone receptor. *Proc Natl Acad Sci* 95: 10978-10983.
 59. Caraty A, **Skinner DC**, Huyge B, Berthault T, Picard S, Delaleu B, Malpaux B & Thiery JC 1998 GnRH increase following progesterone withdrawal in the ovariectomised (OVX) ewe is associated to an increase in the glutamergic tone in the preoptic area (POA). *Ann NY Acad Sci* 839: 363-364.
 60. **Skinner DC** & Herbison AE 1997 Effects of photoperiod on estrogen receptor, tyrosine hydroxylase, neuropeptide Y and β -endorphin immunoreactivity in the ewe hypothalamus. *Endocrinology* 138:2585-2595.
 61. **Skinner DC** & Robinson JE 1997 Luteinising hormone secretion from the perfused ovine pars tuberalis and

- pars distalis: effects of melatonin and LH-releasing hormone. *Neuroendocrinology* 66: 263-270.
62. **Skinner DC**, Evans NP & Malpaux B 1997 Does a shortloop feedback mechanism for the control of luteinizing hormone secretion exist in the ewe? *Endocrinology* 138: 4220-4226.
 63. **Skinner DC**, Caraty A, Malpaux B & Evans NP 1997 Simultaneous measurement of GnRH in the third ventricular cerebrospinal fluid and hypophyseal portal blood of the ewe. *Endocrinology* 138: 4699-4704.
 64. Malpaux B, Viguié C, **Skinner DC**, Thiéry JC & Chemineau P 1997 Control of the circannual rhythm of reproduction by melatonin in the ewe. *Brain Res Bull* 44: 431-438.
 65. Robinson JE, **Skinner DC**, Skinner JD & Haupt MA 1997 Distribution of LHRH neurones in the springbok (*Antidorcas marsupialis*). *J Comp Neurol* 389:444-452.
 66. **Skinner DC** & Robinson JE 1996 The pars tuberalis of the ewe: no effect of season or ovariectomy on the distribution, density or presence of immunoreactive cells. *Cell Tiss Res* 284:117-123.
 67. Herbison AE, **Skinner DC**, Robinson JE & King I 1996 Androgen receptor- immunoreactive cells in ram hypothalamus: Distribution and co-localization patterns with gonadotrophin-releasing hormone, somatostatin and tyrosine hydroxylase. *Neuroendocrinology* 63:120-131.
 68. Malpaux B, Viguié C, **Skinner DC**, Thiéry JC, Pelletier J & Chemineau P 1996 Seasonal breeding in sheep: mechanism of action of melatonin. *Anim Reprod Sci* 42:109-117.
 69. **Skinner DC** & Robinson JE 1995 Melatonin-binding sites in the gonadotroph- enriched zona tuberalis of ewes. *J Reprod Fert* 104:243-250.
 70. **Skinner DC**, Malpaux B, Delaleu B & Caraty A 1995 Luteinizing hormone-releasing hormone in third ventricular cerebrospinal fluid of the ewe: correlation with luteinizing hormone pulses and the LH surge. *Endocrinology* 136:3230-3237.
 71. Malpaux B, **Skinner DC** & Maurice F 1995 The ovine pars tuberalis does not appear to be targeted by melatonin to modulate luteinising hormone secretion, but may be important for prolactin release. *J Neuroendocrinol* 7: 199-206.
 72. Van Aarde RJ, van der Merwe M & **Skinner DC** 1994 Progesterone concentrations in the plasma, ovary, adrenal gland and placenta of the pregnant natal clinging bat, *Miniopterus schreibersii natalensis*. *J Zool Lond* 232: 457-464.
 73. Herbison AE, Robinson JE & **Skinner DC** 1993 Distribution of estrogen receptor- immunoreactive cells in the preoptic area of the ewe: Co-localization with glutamic acid decarboxylase but not luteinizing hormone-releasing hormone. *Neuroendocrinology* 57:751-759.
 74. Herbison AE, Robinson JE & **Skinner DC** 1993 Calcitonin gene-related peptide (CGRP): Immunocytochemical identification of a neuropeptide synthesised by ventral paraventricular magnocellular neurones in the sheep. *Brain Res* 611:147-151.
 75. **Skinner DC**, Herbison AE & Robinson JE 1992 Immunocytochemical identification of oestrogen receptors in the ovine pars tuberalis: Localisation within gonadotrophs. *J Neuroendocrinol* 4 : 659-662.
 76. Allanson BR, **Skinner DC** & Imberger J 1992 Flow in prawn burrows. *Est Coast Shelf Sci* 35: 253 - 266.
 77. **Skinner DC**, Moodley G & Buffenstein R 1991 Is vitamin D₃ essential for mineral metabolism in the Damara mole-rat (*Cryptomys damarensis*)? *Gen Comp Endocrinol* 81: 500 -505.
 78. **Skinner DC** 1991 Effect of intraperitoneal melatonin injections on thermoregulation in the Transvaal girdled lizard, *Cordylus vittifer*. *J Therm Biol* 16: 179 - 184.
 79. Buffenstein R, **Skinner DC**, Yahav S, Moodley G, Cavaleros M, Zachen D, Ross FP & Pettifor J 1991 The effect of oral cholecalciferol supplementation at physiological and suprphysiological doses in naturally D₃-deplete subterranean mole-rats (*Cryptomys damarensis*). *J Endocrinol* 131: 197 - 202.
 80. Van Aarde RJ, Skinner JD, Knight MH & **Skinner DC** 1988 The use of space by a striped hyaena *Hyaena hyaena* in the Negev Desert. *J Zool Lond* 216: 575 - 577.

CONTRACTS & GRANTS

Funded Projects

2012-2016	Sex and Salt: Is there a Link? NIH \$100k P30 award
2011-2012	Salt and Sex. Society for the Study of Reproduction and Fertility \$22k
2010-2012	Coyote Contraception. AMDB \$38k
2011-2012	British Neuroendocrine Society support For Undergraduate Researcher \$4.5k
2010-2011	Development of Non-Lethal Control of Coyotes. Morris Animal Foundation \$11k
2009-2011	The Ram as a neuroendocrine model. NIH \$283k
2008-2012	Prolactin regulation by the Pars Tuberalis. NSF \$420k
2006-2010	Daylight Regulation of Pars Tuberalis Tachykinin-Induced Prolactin Secretion. NIH COBRE, \$630k
2003-2005	X-ray System for Central Nervous System Cannulation, USDA, \$27k
2003-2005	Persistence of Insufficient Luteal Phases, Co-PI Dr Bill Murdoch, AES, \$40k
2002-2005	Role of GnRH in Sexual Behavior, NIH COBRE, \$395k
2002-2004	Control of Fertility in Coyotes, NWRC/USDA, \$25k
2002-2002	Role of Nitric Oxide in the GnRH system of the ewe. BRIN \$12k
2002-2003	Hibernation and the role of the biological clock in white-tailed prairie dogs (<i>Cynomys lecurus</i>). Wyoming University Space Grant Consortium \$7k
2001-2002	What neuronal systems does progesterone target to inhibit GnRH secretion? Wellcome Trust, £75k
2000-2001	Progesterone targets in the brain. The Royal Society, £10k
1999-2002	Steroid regulation of growth hormone release. Univ. of Bristol, £28k
1997-1998	Neural mechanisms by which progesterone controls GnRH secretion. Wellcome Trust, £110k
1994-1995	GnRH secretion in CSF, BBSRC/INRA Exchange Fellowship £10k

Other

2001	Royal Society International Travel Grant (£985)
2000	Society for the Study of Fertility International Travel Grant (£300)
2000	Royal Society International Travel Grant (£1,000)
1996	British Council <i>Alliance</i> Grant for research in France (£2,000)
1996	Society for the Study of Fertility International Travel Grant (£300)
1995	Physiological Society Affiliate Travel Grant (£350)
1994	Percy Sladen Memorial Trust Grant (£700)

HONORS AND AWARDS

2015	College of Arts & Sciences Top 10 Teaching Award
2013	University of Wyoming CASE Award for Outstanding Teaching
2012	University of Wyoming Alumni Association Outstanding Faculty Award
2011	T.S. Harris Teaching Award, University of Wyoming
2009	Fall Faculty Senate Speaker Series recipient, University of Wyoming
2009	Faculty Outstanding Research Award, University of Wyoming
2005	College of Arts & Sciences Top 10 Teaching Award
1999	Short-listed for <i>Walpole Prize</i> , Society for the Study of Fertility, UK
1998	Royal Society of South Africa <i>Meiring Naude Medal</i> for contributions to science by a South African under 35 years of age.
1997-1999	Wellcome Trust International Prize Research Fellowship, France/UK.
1997-1998	Exhibition for the Royal Commission of 1851 Research Fellowship, UK
1997	Ministere des Affaires Etrangeres, Séjour Scientifique Fellowship, France (declined in favor of Wellcome Fellowship);
1994-1996	Research Fellow, St Catharine's College, Cambridge, UK
1990-1994	Overseas Research Student Scholarship, UK

1990-1994	Overseas Trust Scholarship, UK
1990-1994	Gonville & Caius Overseas Bursary, UK
1990-1994	Foundation for Research & Development Doctoral Scholarship, South Africa
1990-1994	C.J. Adams Fellowship, South Africa
1990-1994	Ernst & Ethel Eriksen Trust Scholarship, South Africa
1990-1992	National Postgraduate Scholarship, South Africa
1989	Foundation for Research & Development Honours Bursary, South Africa
1988	Best Student paper, ZSSA Conference, Etosha, Namibia.
1986	Zoology Prize, Rhodes University, South Africa
1985-1987	W. Waddel Trust Bursary, South Africa
1985-1987	A. Beit Scholarship, South Africa
1985-1987	T. Alty Memorial Scholarship, South Africa

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Memberships in professional societies

Zoological Society of Southern Africa	Front Range Neuroscience Group
Society for the Study of Fertility	<i>Editorial Boards</i>
Royal Society of Southern Africa	Domestic Animal Endocrinology (2003-2007)
Endocrine Society	Neuroendocrinology (2006-Present)
Society for Endocrinology	Reproduction (2007-Present)
British Society for Neuroendocrinology	Journal of Endocrinology (2008-2012)
Society for Neuroscience	Frontiers in Endocrinology (2011-Present)
Society for the Study of Reproduction	

Grant Refereeing

National Institutes of Health	The Health Research Council of New Zealand
National Science Foundation	National Health and Medical Research Council of Australia
BBSRC	
The Wellcome Trust	

Manuscript Refereeing

Biology of Reproduction	Journal of Comparative Neurobiology
Cell & Tissue Research	Journal of Endocrinology
Domestic Animal Endocrinology	Journal of Neuroendocrinology
Endocrinology	Journal of Neuroscience Methods
European Journal of Pharmacology	Neuroendocrinology
Experimental Neurology	Neuroscience Letters
Hormones and Behavior	Reproduction
Journal of Arid Environments	Tissue & Cell
Journal of Chemical Neuroanatomy	

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

Organization of major conferences

Symposium coordinator of "Large mammals as Neuroendocrine Mammals: Advantages, Advances and Importance" 8th International Theriogenology Conference; Aug 12-17, 2001.

Session for annual "Steroids in the Brain" meeting entitled *Steroidal Regulation of Growth Hormone Secretion*. Breckenridge March 2004

Session for annual "Peptides in the Brain" meeting entitled "*Volume Transmission in Neural Communication*", Breckenridge January 2005

Session for annual "Steroids in the Brain" meeting entitled "*Steroidal regulation of GnRH receptors*", Breckenridge March 2005

Papers presented

1. Pitynski D, Flynn F, **Skinner, DC** Salt and Puberty: "Self-regulated salt intake and the effect varying levels of salt on puberty," European Congress of Endocrinology, 2015, Dublin, Ireland
2. Pitynski D, Flynn F, **Skinner, DC**. "Salt and Sex: Is there a link?" European Society of Endocrinology Basic Endocrinology Course on "Neuroendocrinology," 2014, Amsterdam, Netherlands
3. MacGregor, MJ, Collamer, L., Kiehne, M., Alderete, E., Asa, C, and **Skinner, DC**. 2014. Can single administration of a high dose GnRH agonist persistently suppress the coyote (*Canis latrans*) reproductive axis? The Society for the Study of Reproduction Annual Meeting (Grand Rapids, MI).
4. MacGregor, MJ, Asa, C, and **Skinner DC**. 2013. Development of a Chemical Sterilant for Coyotes. The National Academies Board on Agriculture and Natural Resources Scoping Session for the National Resources Council Frontiers in Contraception for Wildlife Management and Invasive Species Control. Webinar, November 20, 2013.
5. MacGregor, MJ, Asa, C, and **Skinner DC**. 2013. Development of a Chemical Sterilant for Coyotes. The Albany County Stockgrowers Annual Meeting (Laramie, WY).
6. MacGregor, MJ, Asa, C, and **Skinner DC**. 2013. Can Single Administration of a high dose GnRH agonist persistently suppress the canid reproductive axis? The coyote (*Canis latrans*) as a model, 5th International Symposium on Non-Surgical Contraceptive Methods of Pet Population Control, Alliance for Contraception in Cats and Dogs (Portland, OR).
7. **Skinner DC** 2012 GnRH Receptors and Effects Outside the Hypothalamo-Pituitary-Reproductive Axis. 7th International Conference on Wildlife Contraception, Jackson Hole, WY
8. Edwards BS, Asa C, **Skinner DC** 2012 Long term exposure to a high dose GnRH agonist permanently down regulates gonadotrope immunoreactivity in the anterior pituitary gland. 7th International Conference on Wildlife Contraception, Jackson Hole, WY
9. MacGregor MJ, Asa CS, **Skinner DC** 2012 Chemical Castration of the Coyote (*Canis latrans*). 7th International Conference on Wildlife Contraception, Jackson Hole, WY
10. Baxter K, Roselli, CE, **Skinner DC** 2012 Pituitary gonadotropin expression in mid- and late-gestation lamb fetuses: Effect of mid-gestation exposure to an androgen agonist or antagonist. Idea Program Meeting, NIH, Washington DC
11. Edwards B, Asa C **Skinner DC** 2012 Suppression of male rat gonadotropes by a chronic high dose *deslorelin* persists post-exposure. Idea Program Meeting, NIH, Washington DC
12. Edwards B, **Skinner DC** 2011 Advances in Use of the GnRH Agonist Deslorelin as a Mammalian Contraceptive. Society for Reproduction & Fertility, Brighton, UK
13. Baxter K, Roselli, CE, Edwards BS, **Skinner DC** 2011 Sex Comparison of Pituitary Gonadotropin Expression in Late Gestation Lamb Fetuses: Effect of Mid-Gestation Treatment with an Androgen Agonist or Antagonist. Society for Reproduction and Fertility, Brighton, UK
14. Edwards B, **Skinner DC** 2011 Advances in Use of the GnRH Agonist Deslorelin as a Mammalian Contraceptive. British Neuroendocrine Society Annual Meeting, Cambridge, UK
15. Baxter K, **Skinner DC** 2011 Sex Comparison of Pituitary Gonadotropin Expression in Late Gestation Lamb Fetuses: Effect of Mid-Gestation Treatment with an Androgen Agonist or Antagonist. Undergraduate Research Symposium, Tacoma, WA
16. Shearrer G, **Skinner DC** 2011 GnRH agonists alter body composition. Undergraduate Research Symposium, Tacoma, WA
17. Taylor AW, Evans NP, Hertz C, **Skinner DC** 2010 Intra-pituitary administration: A novel *in vivo* approach to investigate the ovine hypophysis. Annual Society for Neuroscience meeting, San Diego, CA
18. Smith A, Asa C, Murdoch WJ, **Skinner DC** 2010 Persistent cytoarchitectural changes in the adult male rat pituitary after discontinuing treatment with the GnRH agonist deslorelin. Annual Society for Neuroscience meeting, San Diego, CA
19. Smith A, Asa C, Murdoch WJ, **Skinner DC** 2009 Advances in Use of the GnRH Agonist Deslorelin as a Mammalian Contraceptive. Society for Reproduction and Fertility, Oxford
20. Smith A, Asa C, Murdoch WJ, **Skinner DC** 2009 Chronic GnRH Agonist Exposure Selectively Decreases FSH-Immunoreactive Cells in the Male Rat Pituitary. British Neuroendocrine Society, Edinburgh
21. Talbott H, **Skinner DC**, Wu TJ 2009 Further evidence for a cardiac GnRH system in the mouse. Annual Society for Neuroscience meeting, Chicago, IL

22. Smith A, Asa C, **Skinner DC** 2009 Effects on the pituitary of chronic treatment with the GnRH agonist deslorelin. Annual Society for Neuroscience meeting, Chicago, IL
23. **Skinner DC** 2008 Pars tuberalis tachykinins. Presented at Winter Neuropeptide Conference Breckenridge, CO
24. Adetoye M, **Skinner DC** 2008 Tachykinins may induce prolactin release from the ovine pituitary via the NK₁ receptor. Presented at the Annual Society for Neuroscience meeting, Washington DC
25. **Skinner DC**, Dong F, Wang Q, Ren J 2008 The heart: A novel source and site of action for GnRH. Presented at the Annual Endocrine Society meeting, San Francisco
26. **Skinner DC**, Lang AL, Pahl L, Wang QQ. 2007 Are tachykinins the elusive tuberlin? Presented at the Annual Society for Neuroscience meeting, San Diego
27. Adetoye M & **Skinner DC** 2007 Effects of tachykinins on prolactin secretion in the male rat. School of Neuroendocrinology, Seillac, France
28. Lutz L, **Skinner DC** 2005 Nutrient restriction and fetal GH axis development. Combined British Fertility Societies meeting, Warwick. UK
29. Duittoz A, Constantin S, **Skinner DC**, Wray S 2005 GnRH-1 regulates GnRH-1 neurons Soc Neurosci Ann Meeting, Washington DC, USA.
30. Dufourny L & **Skinner DC** 2004 Neuropeptide Y (NPY) receptor (Y1, Y2, Y5) colocalization in ovine GnRH neurons. Soc Neurosci Ann Meeting, San Diego, USA.
31. Mignot M & **Skinner DC** 2004 Distribution of GnRH receptors in the ovine and murine brain. Soc Neurosci Ann Meeting, San Diego, USA.
32. Dufourny L & **Skinner DC** 2004 Galanin receptor (GAL-R1, GAL-R2) immunoreactivity in the ovine hypothalamus: colocalization with GnRH. Annual Meeting of the Soc Study Reprod, Vancouver, Canada.
33. Mignot M & **Skinner DC** 2004 Immunoreactive GnRH receptors in the ovine pituitary: colocalization with gonadotropes and somatotropes but not thyrotropes. Annual Meeting of the Soc Study Reprod, Vancouver, Canada.
34. Dufourny L & **Skinner DC** 2004 Estrogen receptor β (ER β) in the ewe hypothalamus: colocalization with GnRH or ER α . Abstract 383, FENS, Lisbon, Portugal.
35. **Skinner DC**, Scanlan N, Dufourny L & Fuzessery Z 2003 Somatostatin - 14 neurons in the ovine hypothalamus: colocalization with estrogen receptor α and somatostatin-28 (1-12) immunoreactivity, and activation in response to estradiol. Soc Neurosci Ann Meeting, New Orleans, USA.
36. Mignot M, Dufourny L & **Skinner DC** 2003 Gonadotropin-releasing hormone receptor expressing neurons in the ovine hypothalamus. Soc Neurosci Ann Meeting, New Orleans, USA.
37. Dufourny L & **Skinner DC** 2003 Gal-R3 receptor colocalization in ovine GnRH neurons. Soc Neurosci Ann Meeting, New Orleans, USA.
38. Dufourny L & **Skinner DC** 2003 Galanin and GnRH co-localization in the ovine brain. *Biol Reprod* 68 Suppl. 1:645
39. **Skinner DC**, Harness H & Dufourny L 2003 Immunoreactive GnRH neurons in the main olfactory bulb of the ewe. *Biol Reprod* 68 Suppl. 1: 643
40. Dufourny L, Robinson JE & **Skinner DC** 2002 A small subpopulation of neuropeptide Y and progesterone receptor containing neurons projects from the arcuate nucleus to GnRH neurons in the ovine preoptic area. Soc Neurosci Ann Meeting, Orlando, USA.
41. **Skinner DC** & Dufourny L 2002 A large subpopulation of progesterone receptors containing neurons express thyroid hormone receptors α in the ovine diencephalon. Soc Neurosci Ann Meeting, Orlando, USA.
42. Dufourny L, Robinson JE & **Skinner DC** 2001 A subpopulation of neurons expressing progesterone receptor (PR) and β -endorphin (β end) projects from the arcuate nucleus (ARC) to GnRH neurons in the ovine preoptic area (POA). Soc Neurosci Ann Meeting, San Diego, USA.
43. **Skinner DC** 2001 The measurement and possible function of GnRH in cerebrospinal fluid in ewes, 8th International Theriogenology Conference, South Africa
44. **Skinner DC** & Scanlan N 2001 Progesterone receptors, but not estrogen receptors, are immunocytochemically undetectable in the ovine pituitary gland *Biol Reprod* 64 Suppl 1:251
45. Scanlan N & **Skinner DC** 2001 An immunocytochemical investigation into the role of estrogen in the growth hormone axis of the ewe. *Biol Reprod* 64 Suppl. 1: 130-131
46. Dufourny L & **Skinner DC** 2001 Progesterone receptor-containing neurons show estrogen receptor alpha immunoreactivity in the ovine preoptic area and hypothalamus. *Biol Reprod* 64 Suppl. 1:115

47. **Skinner DC** 2001 Progesterone regulation of GnRH secretion. Workshop on Steroid Hormones, Breckenridge CO, USA
48. **Skinner DC** 2000 Unmasking the neural progesterone receptor in the ewe: no colocalization with GnRH neurons. Soc Neurosci Ann Meeting, New Orleans, USA.
49. **Skinner DC & Caraty A** 2000 Progesterone acts in the arcuate nucleus to inhibit GnRH secretion. Annual Meeting of the British Neuroendocrine Group, Bristol.
50. Lehman MN, Coolen LM, Anderson GM, Hardy SL, **Skinner DC** & Goodman RL 2000 Do dynorphin neurons in the sheep hypothalamus contain progesterone receptors? Soc Neurosci Ann Meeting, New Orleans, USA.
51. Scanlan N & **Skinner DC** 2000 Distribution of growth hormone-releasing hormone immunoreactive cells in the hypothalamus of the ewe: no co-localisation with oestrogen receptor. Annual Meeting of the British Neuroendocrine Group, Bristol.
52. **Skinner DC & Caraty A** 1999 Dynamic changes in cerebrospinal fluid neuropeptide Y and LH responses to icv NPY infusions in ewes. *J Reprod Fert Abstract Series 23: 27*
53. **Skinner DC**, Delaleu B & Caraty A 1999 Where in the brain does progesterone inhibit GnRH secretion? Soc Neurosci Ann Meeting, Miami, USA.
54. Evans NP, Robinson JE & **Skinner DC** 1999 Regulatory actions of progesterone on GnRH secretion. Annual Meeting of the British Neuroendocrine Group, London.
55. Lincoln GA & **Skinner DC** 1999 Pulsatile gonadotrophin releasing hormone (GnRH) secretion into the cerebral ventricular system in hypothalamo-pituitary disconnected (HPD) rams. Annual Meeting of the British Neuroendocrine Group, London
56. Skinner JD, Richter TA, Cilliers SD, Haupt MA, Moss D, Malpaux B & **Skinner DC** 1999 Is the Springbok (*antidorcas marsupialis*) a true aseasonal breeder? *J Reprod Fert Abstract Series 23: 107*
57. **Skinner DC**, Evans NP, Delaleu B & Caraty A 1998 How fast does progesterone act to inhibit GnRH secretion? Soc Neurosci Ann Meeting, Los Angeles, USA.
58. **Skinner DC**, Delaleu B, Bouchard P & Caraty A 1998 The progesterone blockade of the estradiol-induced luteinizing hormone surge is transduced by the classical progesterone receptor. Society for the Study of Reproduction Annual Meeting. Houston, Texas, USA.
59. **Skinner DC**, Evans NP, Delaleu B, Goodman RL, Bouchard P & Caraty A 1998 The inhibition of GnRH secretion by progesterone is transduced by the classical progesterone receptor. Joint British/French Neuroendocrine Soc Meeting, Lille, France
60. Caraty A & **Skinner DC** 1998 GnRH secretion during the estrous cycle of the ewe: Dynamic role of steroids. Paris, France.
61. Caraty A & **Skinner DC** 1998 Dynamics of steroid regulation of GnRH secretion during the ovine estrous cycle. 4th International Congress of Neuroendocrinology, Kyoto, Japan.
62. Caraty A, Delaleu B, Goodman RL, Bouchard P & **Skinner DC** 1998 The rapid inhibition of GnRH secretion by progesterone is transduced by its nuclear receptor. Soc Neurosci Ann Meeting, Los Angeles, USA.
63. **Skinner DC**, Mandon-Maurice F & Malpaux B 1996 Melatonin in third ventricular cerebrospinal fluid: Temporal relationship with melatonin concentrations in jugular plasma. *Itln J Anat Embryol* **101** (Suppl 1): 79-80.
64. **Skinner DC**, Evans NP, Harris TG & Dye S 1996 Both luteal phase progesterone (P) concentrations and the interval between P-decline and increase in oestrogen determine the timing of the LH surge in ewes. *J Endocrinol* **151**(Suppl): P59.
65. **Skinner DC**, Dyer RG & Herbison AE 1996 Effect of photoperiod on estrogen receptor (ER), tyrosine hydroxylase (TH), neuropeptide Y (NPY) and β -endorphin (β E) immunoreactivity in the ewe hypothalamus. Soc Neurosci Abst. Washington, USA
66. Harris TG, Evans NP, Robinson JE, **Skinner DC** & Herbison AE 1996 Changes in cellular gonadotrophin-releasing hormone (GnRH) mRNA content in the rostral preoptic area (rPOA) prior to the estradiol-induced luteinising hormone (LH) surge in the ewe. Soc Neurosci Abst. Washington, USA
67. Harris TG, Evans NP, Dye S, **Skinner DC** & Robinson JE 1996 Progesterone (P) can block the LH surge when introduced immediately after a stimulatory oestradiol (E) signal, but not prior to the onset of LH surge release. *J Reprod Fert Abstract Ser* **18: 61**.
68. Healey AE, Harris TG, Evans NP, **Skinner DC** & Robinson JE 1996 The rapid increase in LHRH secretion following progesterone withdrawal in the ewe is not dependent on changes in cellular LHRH mRNA content within the preoptic area (POA). *J Reprod Fert Abstract Ser* **18: 63**.

69. Malpaux B, Viguie C, **Skinner DC**, Thierry JC, Pelletier & Chemineau P 1996 Melatonin and the control of seasonal reproduction in sheep. Conference on Circadian Light Reception and Regulation. Lyon, France
70. Spackman DJ Dye S, Harris TG, Robinson JE, **Skinner DC** & Evans NP 1996 The progesterone (P) blockade of the luteinising hormone (LH) surge is noted mediated by endogenous opioid peptides (EOP's). *J Reprod Fert Abstract Ser 18*: 62.
71. Thierry JC Caraty A, Gallegos-Sanchez J, **Skinner DC**, Picard S, Delaleu B & Robel P 1996 Effects of progesterone withdrawal on extracellular neurotransmitters and metabolites in the preoptic area of the ewe under long versus short days 1996 7th International Conference on *in vivo* Methods. Tenerife, Spain
72. **Skinner DC**, Malpaux B, Delaleu B & Caraty A 1995 GnRH in ovine cerebrospinal fluid (CSF): detection during LH pulses and the LH surge. Proceedings of the 77th Annual Endocrine Society Meeting, Washington, USA p 554
73. **Skinner DC**, Malpaux B, Delaleu B & Caraty A 1995 CSF-LHRH analysis: A novel method for investigating the ovine neuroendocrine axis. British Neuroendocrine Group, Cardiff
74. Caraty A, **Skinner DC**, Delaleu B & Malpaux B 1995 L'amplitude de la sécrétion préovulatoire de GnRH chez le brebis est dépendante d'une imprégnation préalable par la progestérone. 24th Colloque de la Société de Neuroendocrinologie Expérimentale. 2nd Réunion Franco-Québécoise, Orford, Québec, Canada
75. Robinson JE, **Skinner DC**, King I, Skinner JD & Haupt MA 1995 Sex differences in the size of luteinising hormone releasing hormone (LHRH) neurones in a wild antelope. British Neuroendocrine Group, Cardiff
76. Robinson JE, **Skinner DC**, Skinner JD & Haupt MA 1995 Distribution of LHRH neurones in the springbok (*Antidorcas marsupialis*). *J Reprod Fert Abst Ser 15*: 54.
77. **Skinner DC** & Robinson JE 1994 Melatonin binds to the zona tuberalis, and not the pars distalis, of the ovine pituitary gland. *J Physiol 480*: 131P.
78. **Skinner DC**, Maurice F & Malpaux B 1994 Is the pars tuberalis (PT) the site of action of melatonin in the ewe? *J Reprod Fert Abst Ser 14*: 12.
79. Herbison AE, Robinson JE, **Skinner DC** & Harris TG 1994 Distribution and characterisation of estrogen and androgen receptor-immunoreactive cells in the sheep hypothalamus. Fourth International Symposium on Reproduction in Domestic Ruminants, Townsville, Australia
80. **Skinner DC**, Goode J & Robinson JE 1993 Does melatonin influence the luteinising hormone-releasing hormone (LHRH)-stimulated secretion of luteinising hormone (LH) from the foetal ovine pars tuberalis (PT) and pars distalis (PD) *J Reprod Fert Abst Ser 11*: 28.
81. **Skinner DC** & Robinson JE 1993 Melatonin inhibits the secretion of luteinising hormone releasing hormone (LHRH)-stimulated luteinising hormone (LH) secretion from the ovine pars tuberalis *in vitro*. 32nd International Congress of Physiological Sciences, Glasgow
82. **Skinner DC**, Mason WT & Robinson JE 1992 Gonadotrophs in the ovine pars tuberalis respond to melatonin with an increase in intracellular calcium. Melatonin and the Pineal Gland: From basic science to clinical application. Satellite symposium of the IX International Congress of Endocrinology, Paris, France
83. **Skinner DC** 1992 Intracellular calcium changes in ovine pars tuberalis cells in response to melatonin. EMBO Workshop on Molecular Chronobiology, Leicester
84. **Skinner DC** & Robinson JE. 1992 The ovine pars tuberalis: An immunocytochemical investigation. Annual Conference of the British Neuroendocrine Group, Edinburgh
85. Tregear RT, Miller NGA, **Skinner DC** & Coadwell WJ 1992 Analysis of cytosolic free calcium records from lactin-activated rat t-lymphocytes and human lymphoma cells in the fluorescence activated cell sorter. *J Physiol 446*: 62P.
86. **Skinner DC**, Bunting R, Mason WT & Robinson JE. 1991. Melatonin causes an increase in intracellular calcium in dispersed ovine pars tuberalis cells. Annual Conference of the British Neuroendocrine Group, Cambridge
87. **Skinner DC**, Moodley G, Ross F & Buffenstein R 1989 The effect of vitamin D₃ on mineral homeostasis in the Damara mole-rat (*Cryptomys damarensis*). *S Afr J Sci 85*: 333.
88. **Skinner DC**, Buffenstein RB & Moodley G 1989 Sunlight, sand, mole-rats and minerals. Annual Conference of the Zoological Society of Southern Africa, Namibia
89. **Skinner DC** 1987 Studies on an induced current through a U-tube, and its possible significance to the mud prawn, *Upogebia africana*. Annual Conference of the Zoological Society of Southern Africa, Pretoria

Invited Lectures

- | | |
|------|--|
| 2012 | GnRH - new frontiers for an old hormone. (Colorado State University, Fort Collins, CO) |
| 2011 | GnRH - new frontiers for an old hormone. (University of Texas, Dallas, TX) |

- 2010 GnRH - new frontiers for an old hormone. (Colorado University, Boulder, CO)
- 2009 Extra-pituitary effects of GnRH and its analogs. (University of Victoria, BC, Canada)
- 2009 Gonadotropin-Releasing Hormone – New Frontiers for a Classic Neuroendocrine Hormone. (Neuroscience Division, Texas A&M, Texas)
- 2009 Gonadotropin-Releasing Hormone – the Reproductive Axis and Beyond. (Reproduction Division, Texas A&M, Texas)
- 2009 Stopping Wild(life) Sex. (Brown Bag, Dept of Zoology & Physiology, Univ of Wyoming)
- 2008 New Frontiers in GnRH research (Animal Science Dept, University of Wyoming)
- 2008 GnRH receptors outside the hypothalamo-pituitary-reproductive axis (UC Denver, CO)
- 2008 GnRH receptors outside the hypothalamo-pituitary-reproductive axis (Gifu, Japan)
- 2004 Sex, GnRH and Cerebrospinal Fluid (Colorado State University, Fort Collins, CO)
- 2003 Sex, GnRH and Cerebrospinal Fluid (Washington State University, Pullman, WA)
- 2003 From Mudprawns to Mating. (UC Davis, Bodega, CA)
- 2002 Environmental Endocrine Disruptors: Are we going to reap what we sow? (Dept of Engineering, University of Wyoming)
- 2001 Progesterone modulating GnRH secretion (Dept Zoology, University of Wyoming)
- 1999 Factors in ventricular CSF: Do they have a physiological function? (Dept of Physiology, University of Bristol)
- 1999 Cerebrospinal fluid and its possible functions (Dept of Clinical Veterinary Science, University of Bristol)
- 1999 Progesterone and the control of GnRH release (Dept of Anatomy, University of Bristol)
- 1999 Unraveling progesterone-receptive pathways (The Babraham Institute)
- 1998 Progesterone's effects on GnRH release (Dept of Clinical Veterinary Science, University of Bristol, UK)
- 1998 Progesterone: the forgotten GnRH modulator (Reproductive Science Program, Ann Arbor, Michigan, USA)
- 1998 Progesterone: the forgotten GnRH modulator (Zoology Dept; Aberdeen University, UK)
- 1997 Progesterone: the forgotten GnRH modulator (Dept of Obstetrics and Gynecology; McGill University, Montreal, Canada)
- 1997 Progesterone's acute effects on GnRH release (Physiology Dept; Trinity College, Dublin, Ireland)
- 1996 The cerebrospinal fluid and reproduction (Physiology Dept, King's College, London)
- 1996 GnRH in cerebrospinal fluid (Equine Fertility Unit, Newmarket)
- 1996 GnRH and progesterone (Physiology Dept, Cambridge University)
- 1995 Spinal tap: An ewe version. Studies investigating the role of cerebrospinal fluid in reproduction (Zoology Dept, Cambridge University)
- 1995 Central regulation of reproduction (Institute for Zoo Biology and Wildlife Research, Berlin, Germany)
- 1993 The pars tuberalis and its possible role in seasonal reproduction (INRA-PRMD, Nouzilly,

Workshops

- 1998 Invited to participate in workshop on cerebrospinal fluid to establish *international benchmark for diffusible signals*. Los Angeles
- 1993 Selected for European Science Foundation workshop on *Neural mechanisms involved in psychological and biological time measurement* (San Feliu de Guixois, Spain);

UNDERGRADUATE RESEARCH STUDENTS

David Mayer
 Arianna Schabauer – Optometry School, Southern
 College of Optometry, Memphis
 Brooke Fallon
 Rachel Schambow – Veterinary School, Univ
 Minnesota
 Teresa Fuller - Medical School (*WWAMI*)

Margaret Schmill – Grad School UC Riverside
 Micah Ross – Grad School BYU
 Patrick Cuin - DPharm
 Kelly Baxter - Medical School (*WWAMI*)
 Eley Perkins – Oregon Institute of Technology
 Grace Shearrer - PhD 2016 from *University of Texas
 at Austin*

Heather Talbott - PhD 2015 from the *University of Nebraska*

Jennifer Smith - *Qualified PA (Georgia)*

Arik Smith - *Qualified Veterinarian 2017, CSU*

Asher Albertson - *Qualified MS/PhD 2013 Univ. Alabama*

Paige Chamberlain – completed MS in Doctoral program

Carley Grubbs - *Qualified MD (WWAMI)*

Nicholas Schofield - *Qualified Pharmacist*

Lindsay Pahl

Andrew Sundell

Qiqi Wang - *Qualified Dentist 2014 (Creighton)*

Rochelle Fleithman

Crystal Crowe - *PhD (Vanderbilt)*

Angela Nyland - *Qualified Veterinarian*

Roselyn Kirsch

Hayley Harness - *Qualified MD (WWAMI), practicing in Utah*

GRADUATE RESEARCH STUDENTS

Graduate Degrees Completed Under My Supervision:

Dori Pitynski (PhD; 2017) Postdoc at CU Denver

Marjorie McGregor (PhD; 2015) Teacher in Kansas City

Brian Edwards (PhD; 2014) Post-doctoral scientist in the laboratory of Dr Amy Navratil. **Graduate Neuroscience Award at University of Wyoming 2013**

Paige Chamberlain (MS; 2012) Currently enrolled in a Doctorate of Physical Therapy program at Clarke University

Arik Smith (MS; 2010) Currently enrolled at a Veterinary School, CSU, CO; **Graduate Neuroscience Award at University of Wyoming 2010**

Mercy Adetoye (MS; 2009) Currently completing an MD at Michigan State

Asher Albertson (MS; 2007) Accepted into MD-PhD program at Birmingham, Alabama. Graduated 2013. Awarded **OUTSTANDING MS at University of Wyoming 2009**

Lacey Lutz (MS; 2007) Currently a forensic pathologist in Missoula

Mallory Mignot (MS; 2004) Currently runs Mears-Morgans horse center near Woods Landing, Wyoming

Niamh Scanlan (PhD; 2004; Bristol, UK) Currently lecturer at Sparsholt College, Hampshire, England

Trevor Richter, (MS; 1998; University of Pretoria) Currently works for Pfizer, Ontario, Canada

Graduate Degrees Completed in which I served on a Committee

Maureen McAuliffe 2003 MS

Clarke Cotton 2005 MS

Matt Stratton 2006 MS

Katie Greller 2009 MS

Lea Rempel 2004 PhD

Feng Dong 2007 PhD

Shawna McBride 2008 PhD

Gwen Haley 2008 PhD

Catherine Hubbard 2008 PhD

Xiaochun Zhang 2008 PhD

Anna Fuller 2010 MS

Andrew Young 2011 PhD

Tuerdi Subati 2011 PhD

Caitlin Murphy 2011 PhD

POSTDOCTORAL STUDENTS/RESEARCH ASSOCIATES:

Andrew Taylor (2007-2011) works for *Conservation Africa*

Laurence Dufourny (2000-2004) Currently a *CNRS Research Scientist at INRA, Tours, France*

OTHER ACTIVITIES/ACCOMPLISHMENTS

- | | |
|-----------|---|
| 2019 | TEDx speaker at the University of Wyoming <i>Wired on Steroids</i> |
| 2013-2015 | Received award from <i>The Society for Endocrinology</i> (UK) to promote Endocrinology as an undergraduate at the University of Wyoming |
| 2005-2015 | I raised funds from the <i>Society for Reproduction and Fertility</i> as well as the <i>British Neuroendocrine Society</i> to send four undergraduates and one graduate to work in the United Kingdom for 8 weeks over the summer |
| 2003-2006 | Faculty advisor for University of Wyoming Physiology Club |
| 1998-2001 | Evaluator for Current Drugs Ltd |
| 1992 | One of 20 postgraduate students in Europe to attend <i>Chronobiology</i> workshop (JW Goethe University of Frankfurt am Main, Germany) |