



## MG 579 - Roger Pierson fonds

**Dates:** 1981-2013 (inclusive) ; 1994-2000 (predominant).

**Extent:** 5.89 meters of textual records, 444 photographs, 437 negatives, 122 slides, 38 video cassettes, 2 audio cassettes; electronic records.

**Biographical Note:** Roger A. Pierson earned his B.Sc. in zoology (1978) and an M.Sc. in anatomy (1982) from Purdue University, Indiana. He went on to earn his PhD in reproductive endocrinology and physiology at the University of Wisconsin – Madison (1987). He joined the faculty of the University of Saskatchewan in 1988 as a professor in the department of Obstetrics and Gynecology, and director of the Reproductive Biology Research Unit (College of Medicine). His research is multi-disciplinary: he is an associate member of the department of Herd Medicine and Theriogenology (Western College of Veterinary Medicine), and a member of the department of Biomedical Engineering (College of Engineering). He has earned numerous awards for his research, including First Prize Research Paper at the 14<sup>th</sup> International FIGO conference (1994); CFAS Basic Science Research Award (1996 and 2000), and the University of Saskatchewan Distinguished Researcher Award (2000).

**Scope and content:** This fonds contains materials relating to Pierson's research interests, and his collaborative work with graduate students and faculty from medicine, nursing, veterinary medicine, and computational science. Pierson and the reproductive biology research unit made medical history when they were the first to capture natural human ovulation, witnessed with the use of an intra-vaginal probe to produce ultrasound waves. Those original images, on video tape, form part of this fonds; as do other images and data relating to Pierson's research in reproductive technologies.

**Arrangement:** This fonds has been organized into the following 12 series:

1. ACADEMIC – GENERAL
  - .1 Academic – General – Presentations
  - .2 Academic – General – Teaching
2. CORRESPONDENCE, ETC. (from filing cabinet)
3. INTELLECTUAL PROPERTY
4. PEOPLE
5. PHOTOGRAPHS
6. PUBLICATIONS
7. RESEARCH
  - .1 General
  - .2 ADE Adhesions Project
  - .3 Aromatase Inhibitor (AI)
  - .4 Bovine Project/ Animal Model Data
  - .5 Graduate Student Projects
  - .6 Human Embryo
  - .7 Human Fetal Anomalies

- .8 Human Folliculogenesis
- .9 Human Ovary MRI Project
- .10 Human Ovulation
- .11 Carmen Mircea Research Data
- .12 Monkey Project
- .13 Pharma / Oral Contraceptives Research
- .14 Polycystic Ovary Syndrome (PCOS)
- 8. RESEARCH GRANTS
- 9. THESES
  - .1 University of Saskatchewan
  - .2 Bachelor of Science in Medicine – University of Saskatchewan
  - .3 University of Guelph
- 10. TRAVEL
- 11. ARTEFACTS AND MEMORABILIA
- 12. COVER ART & POSTERS

Material in English, French, Spanish.

**Restrictions:** Some restrictions apply: please consult with an archivist.

Further accruals expected.

This guide brings together accessions 2016-094, 2016-130.

Donated to the University Archives & Special Collections by Roger Pierson in 2016.

Guide prepared by Cheryl Avery, 2017.

**Series 1: ACADEMIC – GENERAL**

Includes material relating to teaching; presentations; interviews; awards; and Pierson's graduate theses.

1. Certificates and Awards. – 1981-2011. - textual records, laminated on board.  
Items on board (**see oversize H14, except where noted**) include:  
American Fertility Society Membership. – 1989.  
Canadian Fertility and Andrology Society Membership. – 1989.  
Gianther...[Award of Distinction to Pierson]. – 1988.  
IFFS – Certificate of Appreciation. – 2004. (**Box 25**)  
The International Society of Ultrasound in obstetrics and Gynecology Membership. – nd.  
(**Box 25**)
2. CFAS Award. – 2011.
3. Clippings.  
Full newspapers (**see oversize H14**) include:  
"Saskatchewan First!" (Globe & Mail, 14 June 2005);  
"No 'safe' time for sex, U of S scientists find (SP, 8 July 2003)  
College of Medicine 1953-2003 insert (SP, 27 Sep 2003)  
"Court puts fertility industry in provinces' hands" (SP 23 Dec 2010)  
Medical Research Foundation of Saskatchewan insert (March 1993)  
"Fertility clinic advocated for Sask." (SP 18 Aug 1994)  
"Pierson revolutionizing ultrasound imaging techniques" (OnCampus Research 4 Feb 1994)  
"Medical Marvels" (SP Special Report, 24 Feb 1988)  
"Ovulation in act helps fertility study" (Globe & Mail, 14 April 1990)  
"Health research is dying in the home of medicare" (OnCampus News, 31 Oct 1997)  
"Reproductive 'tourism'" (USA Today, 3 May 2005)  
Royal University Hospital 35<sup>th</sup> Anniversary insert (SP 2 June 1990)  
Health Research Week (SP 29 Nov 2008)
4. Convocation 2000. – 2000-2001. - textual records, 1 video cassette. – 2 folders.  
Material relating to Pierson's Distinguished Researcher award. Also includes program from the Canadian Fertility & Andrology Society meeting (Pierson was president). See also below, Academic-General – Presentations: DR\_lecture\_2001]
5. Correspondence – General. – 2008, 2013.
6. [European Society of Human Reproduction and Embryology] - *Focus on Reproduction*. – 2007-2008.

7. "Hope." – 2000. – textual records, 2 photographs. – **RESTRICTED.**  
Message and illustration from former patients. [NOTE: Removed from frame].
  8. Interviews. – 1998, 2003-2004, 2016. – textual records, 2 audio cassettes, 3 video cassettes, digital objects (from CD). – 2 folders.  
Includes: Ultrasound – 28 Feb 1998, CBC radio; with Amy Jo Ehman; Quirks & Quarks – 6 June 1998; Noon Show – 8 June 1998; Health Show [Shaw TV]; Rx Files (Shaw TV); BioPharm Insight; Shaw TV: College of Medicine Public Lecture Series – "Ovaries 101 – Conception and Contraception."  
RAP – Various media appearances pre: 2000: 5 video clips
  9. Notebooks. – 2002-2008. - 3 folders.
- Box 2**
10. Presentations.  
Printouts of ppts: "Grant Writing Secrets;" "Speaking with the News Media;" "How Not to Give a Paper."
  11. Saskatoon District Health Board Credentials. – 1989-2009.
  12. Thesis: Correlation of Ovarian and Endometrial Morphology Using Light Microscopy and Enzyme Histochemistry. – 1982.  
Pierson's MSc thesis, Purdue University.
  13. Thesis: Ovarian Follicular Population Dynamics and Time of Selection of the Follicle Destined to Ovulate in Mares and Heifers. – 1987.  
Pierson's PhD thesis (Veterinary Science), University of Wisconsin-Madison.
  14. U of S Committee Service. – 2001-2012.

### **1.1 Academic – General - PRESENTATIONS**

1. Arizona REI Conference. – 2005. - digital objects (from CD).  
Roxio: ppt: Waves Upon Waves – Arizona REI Conference [2 versions]. See also below, Queen's U.
2. ASRM 02 Seattle WA. – [2002]. - digital objects (from CD).  
New: ppt: 21321-ASRM 02\_v3.final; ASRM2002oral\_final
3. Department Research Day: Ovarian Follicular Dynamics: A New Wave of Thought. – 2001. - digital objects (from CD).  
Angie [H?] – see below, Presentation 1998-2003.

4. CFAS. – 2002. - digital objects (from CD).  
NEW: folders: Contraception; Infertility; ppt: 21321 results\_EC-for RP-final; ARB\_ASRM2002oral; ARB\_CFAS2002-poster; ARB\_CLwaves\_CFAS2002; bennetto\_poster3; cfas\_contra\_02; Gord\_ovspect\_CFAS\_02; OC\_CME\_Gen\_Apr2002; Ottawa\_General\_02[see also below, Contraception Conference]
5. College of Medicine 50<sup>th</sup> Anniversary – Ovaries 101: Conceptions & Contraception. – 2003. - digital objects (from CD).  
NEW: ppt: C\_Med\_2003
6. Contraception. – 2002. - digital objects (from CD).  
NEW: ppt: New\_Contraceptives\_CFAS\_02; OC\_CME\_Gen\_Apr2002; Ottawa\_General\_02 [see also below, Contraception Conference]
7. Contraception. – 2000. - digital objects (from CD).  
Includes ppt: ISMI2E11442\_CONT-008\_8\_7; OC-RAP-ONTARIO\_SOGC\_2000; OC-RAP-RAP-RS&M\_SEMINAR-O2000; OC-RAP-TALK-SEPTEMBER2000; OC-RAP-THUNDERBAY2000; BMP: PILLS21; PILLS28.
8. Contraception & Laptop Presentations. – Sept 2001. - digital objects (from CD).  
Contpres: folders: contraception\_CD; Presentations.
9. Contraception CD and Distinguished Researcher Lecture. – 2001. – digital objects from CD.  
Rap\_2001: files: Contraception-CD; DR\_Lecture\_2001 [see above, Contraception Powerpoints]  
See also below, Contraception Powerpoints.
10. Contraception Conference Marabella, Spain. – Dec. 2003. - digital objects (from CD). [2 copies]  
Spain 2003: ppt files: Arizona\_serono\_nurses\_2001; ASRM\_Endometrium-2001\_v2; Boyes\_2001; contraception\_in\_new\_milleneum\_02; Contraception\_Marabella\_Spain\_Dec03 [3 versions]; Grand\_Rounds\_Toronto\_2003 [+ short version]; Ottawa\_General\_02; Smart\_ART\_Florida\_2003; SOGC2003oralpresentation; What\_is\_research\_talk\_02
11. Contraception Powerpoints as of 2002. - digital objects (from CD).  
NEW: folders: Conference\_Presentations; Contraception; DR\_lecture\_2001 [see also Academic – General, Convocation 2000 re: distinguished researcher lecture]
12. Dr. Roger A. Pierson – Presentations – Disc 1. - digital objects (from CD).  
Pres\_bk2: files: Humour; HyCoSy; Infertility; Menopause; MRI; Phiosophia; Sheep\_OC\_Studies; Student\_Stuff; Teaching\_Images; Uterus
13. Dr. Roger A. Pierson – Presentations – Disc 2. - digital objects (from CD).

Pres\_bk1: files: ART\_Stuff; Breast; Conference\_Presentations; Contraception; corpus\_luteum; Dept\_Faculty; DR\_Lecture\_2001; Embryology\_Obstetrics; Folliculogenesis; Hormone\_Replacement  
Ppt: Apoptosis vs Necrosis; bennetto\_poster3; Cfas\_96\_Levick\_CL; Cloning Graphics; dopplerslides; IFFS\_2004\_Slide; journalclub\_may2002; Kim\_Sass\_Oct01; LOGO; LOGOS; metformin2; obgyn.log; obgyn\_logo  
Movie clip: ecogra\_1

14. Fraser Valley Trip. – 2001-2002. - digital objects (from CD).  
March\_02: ppt: CL&Waes; Copy of janna\_concept\_slides; JOI\_Banff\_02; Niagra\_2002; OC\_CME\_Gen\_TO-2002; OC\_CME\_General; OC\_concept\_slides; OC-RAP\_Alberta\_BC\_CME\_Sep2001\_short; OC-RAP-RS&M\_Seminar-O2000 [see above, Contraception]; pawel; residents-02; Understanding\_the\_Ovary
15. Hormonal Contraception & Folliculogenesis. – digital objects (from CD).  
Contrad: ppt: ISMI20E11442\_008\_8-7; ISMI20E11442\_CONT-008\_8-7; NAFOLLICULARDEVELOPMENT; OC\_PRESENTATION; OCP\_SCIENCE; OCP\_SCIENCE\_VERSION\_13-JUN-200 [see also below, Research – Pharma]; OC\_RAP-TALK-SEPTEMBER2000 [see also above, Contraception]  
: file: OC\_PRESENTATION-ADDITIONS-2000  
: BMP: PILLS21; PILLS28 [see above, Contraception]
16. Janssen-Ortho 2000 – contraceptive CD – OCP Science v21. - digital objects (from CD).  
Ocp: ppt: BCPS; Contraception; OC\_Presentation; OC\_use\_in\_Perimenopause; OCP\_Science [see above; see also below, “Oral Contraceptive Talks...”]; RTHO1; Steroid\_Structures.  
Application: PNGSETUP; PPZ: PRESO
17. Novartis 2004 – Sept – Toronto. - digital objects (from CD).  
040921\_1523 : ppt: Waves Upon Waves\_Novartis\_Sep04\_v3
18. OC Stuff – June 2001 + DR Lecture + Arizona. - digital objects (from CD).  
June2001: ppt: [2 copies] Arizona\_Serono\_Nurses\_2001 [see below, Serono Symposium]; file: Imaging and Imagining in Gynec [see below, Serono Symposium]; ISMI2E11442\_CONT-008\_8\_7 [see above, Contraception 2000 and Hormonal Contraception] ISMI20E11442\_CONT-008\_8-7 [see above, Hormonal Contraception]; OCP\_SCIENCE\_VERSION\_13-JUN-200 [see above, Hormonal Contraception and below, Research - Pharma]; OC\_RAP-TALK-SEPTEMBER2000 [see also above, Contraception and Hormonal Contraception]; OC-RAP-RS&M\_Seminar\_O2000 [2 versions] [see below, Serona...]  
File: OCP\_SCIENCE\_VERSION\_13-JUN-200 [see above, Hormonal Contraception and below, Research-Pharma]; IMAGING AND IMAGINING IN GYNEC [see also above, Hormonal Contraception]  
000 file: IMAGING AND IMAGINING IN GY

19. Oral Contraception. – April 2000. - digital objects (from CD).  
OC1: ppt: HOMONECONC2; OC\_PRESENTATION [see also above, Hormonal...];  
OC\_USE\_IN\_PERIMENOPAUSE; OCP\_SCIENCE [see also above, Hormonal...];  
OCP\_SCIENCE\_SHORT-VERSION; ORTHO1; STEROID\_STRUCTURES
20. Oral Contraceptive Talks – JOI Series. – 15 Feb 2000. - digital objects (from CD).  
Joi\_oc: ppt: OCP\_SCIENCE  
File: OCP\_SCIENCE\_ABBREV\_VERSION\_15\_
21. Powerpoint Files Disk 1. – 1997-1999. - digital objects (from CD).  
Powpoint: folders: ART; ASS\_REP\_TECH; BREAST; EMBRYOLOGY;  
ENGINEERING\_PHYSICS; FACULTY; GRANT\_SEMINARS; INDUSTRY; INFERTILITY; MRI;  
ORTHO; RAP-TEACHING; RESIDENT\_RES\_1998; STUDENTS; ULTRASOUND\_PHYSICS;  
WOLF\_CHAP\_FIG  
Ppt: LOGO; STEROID\_STRUCTURES  
Bmp: OVIDUCT1; OVIDUCT2; OVIDUCT4; POLYP1; POLYP3; UOFS;  
UT\_APATTERN; UT\_BPATTERN; UT\_CPATTERN; UT\_DPATTERN
22. PPT Presentations – Ortho. – 7 April 1998. - digital objects (from CD).  
Present1: folders: grants; ortho; pictures; presenta; ultrasou
23. Presentation 2000 – SOGC & Ortho. - digital objects (from CD).  
June2000: folders: ORAL\_CONTRACEPTION; RESEARCH  
Raw file: IMAGE1
24. Presentations. – 1998-2003. - digital objects (from CD).  
Presentations: folders: CFAS\_ANGIE\_HESS\_2000;  
DEPARTMENT\_RESEARCH\_DAY\_ANGIE\_H; IMAGING\_THE\_ENDOMETRIUM\_PIERSON;  
OC\_TALK\_FRENCH\_ERSION\_1<sup>ST</sup>\_TRAN; POWERPOINT\_FILES\_1997\_1999;  
PPE\_PRESENTATIONS\_APR1998; SERONO\_GENEVA\_TRIP\_PERIESON\_FEB1;  
SOGC\_ORTHO\_PRESENTATION\_2000; SOGC\_RESEARCH\_ORTHO\_TALKS\_PIEERS;  
TURKS\_CAICOS\_SOGC\_2000
25. Queen's U. – 2002 - Waves. - digital objects (from CD).  
NEW: ppt: ASRM\_Endometrium-2001\_v2; ultrasound\_embryo\_loss-RDMS\_June02;  
Waves upon Waves\_Queens\_02 [see also above, Arizona REI Conference]
26. RAP – OC Talk Slides – French Version – 1<sup>st</sup> Translation. - digital objects (from CD).  
020527\_1617: Pierson slides-F
27. RAP – OC – Vancouver. – May 2003. - digital objects (from CD).  
NEW: ppt: OC\_CME\_Gen\_Apr2002; OC\_CME\_General; Ovaries101\_Academic\_Version

28. Serono Symposium Nurses Conference Phoenix Arizona. – 2001. - digital objects (from CD).  
 “Seeing is Believing”  
 Arizona: ppt: [2 copies] Arizona\_Serono\_Nurses\_2001; OC-RAP-RS&M\_Seminar\_O2000;  
 file: Imaging and Imagining in Gynec
29. Smart Art – Orlando. – 2003. - digital objects (from CD).  
 NEW: ppt: OC\_CME\_Gen\_Apr2002; Smart\_ART\_Florida\_2003
30. SOGC Research – Ortho Talks. – 1994. - digital objects (from CD).  
 June2000: folders: Oral\_contraception; research
31. Toronto. – 2003. - digital objects (from CD).  
 NEW: ppt: Grand\_Rounds\_Toronto\_2003 [see also above, Contraception Conference];  
 PP\_Vancouver\_2003; SOGC2003oralpresentation [see also above, Contraception  
 Conference]
32. Turks and Caicos. - digital objects (from CD).  
 Turks: ppt: HYCOSY [see also above, Pierson Presentations 1]; OCP\_SCIENCE [see also  
 above, Hormonal...]; OCP\_SCIENCE\_SHORT\_VERSION [see above, Oral Contraceptive  
 April 2000]
33. Vancouver. – November 2001. - digital objects (from CD).  
 Pierson: ppt: Boyles\_2001; [see also above, Contraception conference]; OC-RAP-  
 Alberta\_BC\_CME\_Sep2001\_short [see also above, Contraception conference];  
 sogc\_2000\_research\_talk
34. Vancouver. – September. – 2003. - digital objects (from CD).  
 NEW: ppt: C\_Med\_2003; contraception\_in\_new\_millineum\_02; Evra  
 Final\_SOGC\_Winnipeg\_June\_14\_02; PP\_Vancouver\_2003; Smart\_ART\_Florida\_2003 [see  
 also above, Smart ART Orlando]; SOGC2003oralpresentation [see also above,  
 Contraception conference and Toronto]

## **1.2 Academic – General – TEACHING**

1. Carl Sagan: *The Demon-Haunted World*. – 1996.  
 With page marks and minor annotations.
2. Carl Sagan and Ann Druyan: *Shadows of Forgotten Ancestors*. – 1992.  
 With page marks.
3. The Dynamic Human: the 3D visual guide to anatomy and physiology. – CD-ROM.  
 Interactive.
4. Endocrinology 348.3 Teaching File. – 2002. - digital objects (from CD).



5. English Grad Course – Teaching Files.
6. Female Reproductive Endocrinology – Physiology 348.3. - digital objects (from CD).
7. Field Guide to Wilderness Medicine – Second Edition. – CD-ROM.  
For handheld device. Copyright Elsevier.
8. Imagining Reproduction Conference Images. – 2007. - digital objects (from 2 CDs).  
070727\_1042:  
070727\_0956:
9. Imagining Reproduction Workshop Photos. - digital objects (from CD).  
071-24\_1101: jpeg: 74 images (DSC\_0050 – DSC\_0149)  
[prepared by Aaron Godard?]
10. Interactive Pelvis and Perineum: Male & Female. – 2003. – DVD.  
Shah, Earthing, Richardson, Lennard: Primal Pictures.
11. Male Contraception Pheromones in Human Reproduction. – 1997-1998.
12. Male Reproductive Endocrinology – Physiology 348.3. - digital objects (from CD).
13. Mammalian Reproduction VTP 830.6. - digital objects (from CD).  
Presentations: Male Contraception; Pheromones in Human Reproduction.
14. Reproduction Teaching. - digital objects (from CD).  
Sheela\_Behl\_McKay98 [Physiology 101]  
Endocrinology 348.3  
Female\_reproductive\_endocrinology-Physiology\_348.3  
Male\_contraception [Pheromones in Human Reproduction]  
Male\_reproductive\_endocrinology – Physiology\_348.3  
Mammalian reproduction-VTP 830.6
15. Sheela Rani Behl Physiology Teaching File – Physiology 101. - digital objects (from CD).
16. Transvaginal Ultrasound Teaching DVD. - digital objects (from DVD).  
PRI Protocols.
17. Ultrasonography Shortcourse – Acoustic Physics. – 2001. - digital objects (from CD).
18. WHIRL: Physiology 348.6 – Lecture Notes. - digital objects (from CD).

**Series 2: CORRESPONDENCE, ETC.** (from filing cabinet]

1. Correspondence – Internal. – 1989-2006.  
Material relating to funding, personnel, equipment, renovations; potential research projects; Ethernet connections; ultrasonography facilities; parking; etc.
  2. Elsevier Science. – 2004.  
Re: Research Papers in Fertility and Reproductive Medicine.
  3. Ethics Committee Forms. – 1987-1990, 1998.
- Box 3**
4. First Trimester Book Plan. – 1996.  
Outline, notes, forms and contracts from publisher.
  5. Grad Course: Introduction to Research (802.3). – 1998, 2005, 2009.  
Includes later material relating to combined MD/PhD, MD/MSc programs, and English 802.6 – Reproduction in 18<sup>th</sup> Century History and 21<sup>st</sup> Century Science and Medicine (Stephanson and Pierson).
  6. Health Sciences Utilization and Research Commission. – 1995-1997.  
Material relating to a grant to develop the Reproductive Biology Research Unit, including a final assessment report.
  7. Integrated Planning 2002 Department (OB-GYN). – [ca. 1998], 2002-2005.  
Includes departmental minutes, together with memos on space, equipment and facilities.
  8. IVF – ARTUS. – 1997, 2001-2010. – **RESTRICTED.**  
Includes related material regarding ethics; memo on privacy; etc.
  9. Large Animal Clinical Sciences. 1991-2001. – **RESTRICTED.**  
Material relating to Pierson’s associate appointment; minutes; mission statement; annual retreat; “Learning in a Clinical Setting;” “Learning to Learn;” etc.
  10. Lippincott. – 1995-2004.  
Correspondence, royalty statements, reviews and publisher catalogues from J.B. Lippincott (publishers).
  11. OB-GYN Independent Graduate Program. – 1990-2003. – **RESTRICTED.**
  12. Parthenon Publishing – Nat Russo. – 1995.  
Relating to book proposal for “The First Trimester of Pregnancy.”

13. Physiology 348.3 Endocrinology (1996). – [ca. 1992], 2001-2004.  
Includes material relating to PHSIO 432.6, PHSIO 748.3, VTP 830.3 and VBMS 830.3.
14. Reproductive Biology Research Unit. – 1991-1998, 2003. – **RESTRICTED**.  
The name of this unit later changed to Reproductive Science and Medicine.
15. Reproductive Science and Medicine. – 2002-2008. – textual records, digital objects.  
Minutes, notes, mission statement, etc. Includes “Innovation Methods of Controlling Reproductive Function in Domestic Animals” – strategic research program, 5 year report and proposal.”  
[from CD]: adf : WPD files and JPEG : cover, proposed draft budget, contents, cv-1; final\_d  
“Saskatchewan Health Research Foundation – The Reproductive Science and Medicine Group”  
[from CD] : Mar 23 2008 : JPEG : DMP\_0095, 0101, 0103, 0105, 0112, Pieson-Adams\_Web
16. Reproductive Science and Medicine – Grad Program Application. – 2003-2005.
17. Reproductive Science and Medicine – Group CVs.
18. Reproductive Science and Medicine – Institute News. – 2000.
19. Reproductive Science and Medicine – Minutes. – 2000-2006.
20. Reproductive Science and Medicine – Priority Determination Application. – 1998, 2001.
21. Reproductive Science and Medicine - Seminars and Symposia. – 2005-2010. – textual records, digital objects. – **RESTRICTED**.  
Programs and organizational material.  
“Reproduction Research Symposium 2008”  
[from CD] : ROXIO5 : PDF files: Abstracts final; final schedule; cover 2008v1  
“cover + abstract booklet”  
[from CD]: RSM 2009 : Adobe, ppt; word files: cover, symposium book final 2  
“RMS 2009”  
[from CD]: ROX1010 : folder, Word, Adobe files: presentations, book final v2  
“2010 Reproduction Research Symposium files”  
[from CD]: ROXIO27 : word, pp, Adobe files: abstracts combined v5, cover 2010, schedule 2010
22. Reproductive Science and Medicine – Strategic Planning Issues. – 2002-2003.
23. Reproductive Science and Medicine – U of S Research Group Information. – 2002-2005.

24. SDH Research Ethics Issues. – 1999, 2001, 2007.  
Includes copy of Saskatoon Regional Health Authority Practitioner Staff Bylaws.
25. Specific Purpose. – 1990, 1998.
26. STIRRHS [Strategic Training Initiative in Research in Reproductive Health]. – 2002-2007.
27. Ultrasound International. – 1995-1997.
28. Undergrad Course: Reproductive Biology. – 1990-1998.
29. Whelen Lecture Series Steering Committee. - 2010
30. Wilson Center Award RAP.  
Material relating to Dragons' Den Pitch Party, Innovators Hall of Fame.

#### **Box 4**

#### **Series 3 – INTELLECTUAL PROPERTY**

1. Biostar. – 1995-1997. – **RESTRICTED**.  
Documentations relating to a patent filed by Adams and Pierson.
2. Intellectual Property. – 1989-2007. – **RESTRICTED**.
3. Non-Disclosure. – 1994-2001. – **RESTRICTED**.

Technology Transfer. - 1997. – **RESTRICTED**.

UST – University of Saskatchewan Technologies. – 1997-1999. – **RESTRICTED**.

Warren Chilcott, Inc. – 1979-2007. – **RESTRICTED**.

#### **Series 4: PEOPLE**

Adams, Gregg. – 1987-2007. - **RESTRICTED**.

Includes copy of “Developments in the Use of Ultrasonography in Buiatrics;” Horse Health Lines, including “The Power of ultrasonic imaging: early pregnancy loss in mares;” “Comparative patters of follicle development and selection in ruminants;” program to Saskatoon Summer Players “Guys and Dolls.”

Agar, Ava. – nd.

Charts illustrating SDT in IVF context.

Allaway, Heather. – 2007-2013. – **RESTRICTED.**

Includes copy of Communiqué, with article “Exploring fertility in space;” OnCampus News “Around the Bowl;” etc.

Baerwald, Angela. – 2003-2009. – textual records, 2 photographs.

Includes powerpoint slides from presentation, “Folliculogenesis Revisited: Characteristics of Ovarian Follicular Waves during the Menstrual Cycle” (Baerwald, Adams, Pierson); etc.

Bartlewski, Pawel. – 1994-2005. - **RESTRICTED.**

See also below, Grad Student Theses.

Behl, Sheela. – 1994-2000. – textual records, 9 negatives, 3 b&w prints, 1 contact sheet. - **RESTRICTED.**

See also below, Grad Student Theses.

Bennetto, Chantell.

Printout of powerpoint slides for talk, “Changes in the Follicle Wall During Human Ovulation: Three Dimensional Analysis of Ultrasonographic Images.”

Bergfelt, Don. – 1987-2003. – **RESTRICTED.**

Blackwell, Lauria. – 1995-1998. – **RESTRICTED.**

Material relating to the thesis, “Optical Three-Dimensional Breast Shape Determination.” Includes “Optical breast shape determination” (Blackwell, Gander, Pierson).

Bloski, Terri. – 2004-2008, [2013]. – **RESTRICTED.**

Bó, Gabriel. – 1991-1996. – **RESTRICTED.**

Includes draft abstracts, “The Effect of estradiol-17 $\beta$ ” (Bó, Rabella, Caccia, Gomez, Adams, Pierson, Mapletoft); “Suppression of the dominant follicle by estradiol injection in beef heifers” (Bó, Adams, Nasser, Pierson, Mapletoft); etc.

See also below, Grad Student Theses.

## **Box 5**

Bogle, Orleigh. – 2006-2013. - **RESTRICTED.**

Includes copy of WCVM 2009 Research Report; “Absence of nerve growth factor and comparison of tyrosine kinase receptor A levels in mature spermatozoa from oligoasthenozoospermic, asthenozoospermic and fertile men” (Li, Zheng, Wang, Zhou); abstracts for “Prepubertal mouse bioassay for ovulation-inducing factor (OIF) in seminal plasma” (Bogle, Ratto, Adams); “Evidence for the presence of ovulation inducing factor in porcine and equine seminal plasma” (Bogle, Ambati, Davis, Adams).

See also below, Grad Student Theses.

Bragg, Natalie. – 2001-2002.

Regarding thesis and defense.

See also below, Grad Student Theses (Weaver, Natalie Bragg).

Braileanu, Gheorghe. – 1992-2002. – **RESTRICTED.**

See also below, Grad Student Theses.

Brogliatti, Guillermo. – 1994-1996. - **RESTRICTED.**

Includes “Ultrasound-guided Transvaginal Oocyte Collection in Prepubertal Calves” by Brogliatti and GP Adams.

See also below, Grad Student Theses.

Burns, Theresa. – nd.

Data; outline of “post breeding inflammation in the mare using cryopreserved equine semen” (Burns, Bristol, Pierson, Card).

Carroll, Diane. – 1989-1990. - **RESTRICTED.**

Case, Alison. – 2000. - - **RESTRICTED.**

Chandolia, Ramesh. – 1993-1996. - **RESTRICTED.**

See also below, Grad Student Theses.

Chelico, Liza. – 1998-1999. - **RESTRICTED.**

Chizen, Donna. – 1989-1995. - **RESTRICTED.**

Cook, Jocelyn. – 2000-2001. - **RESTRICTED.**

Cooper, David M. – 1999-2000. - **RESTRICTED.**

Çule, Eva Robert. – 2001. - **RESTRICTED.**

Deptuch, John. – 1994-1999.

Desjardins, Nina. – 1991-1993. - **RESTRICTED.**

Dobrinski, Ina. – 1992-1993. - **RESTRICTED.**

Douglas, Debbie. – 1988-1991.

Includes draft of “Ovarian follicular Development in Mink.” See also SpColl Theses, Biol D734.

Dyck, Jana. – 1994.

Administrative material relating to a summer research project.

Eramian, Mark. – 2004.

Ferguson, Angela. – 2001. - **RESTRICTED**.

Fernandez, Mariana. – 1990-1995. - **RESTRICTED**.

Furlan, Michael. – 1999-2003. - **RESTRICTED**.

See also below, Grad Student Theses.

Gillio-Meina, Carolina. – 1996-1999. - **RESTRICTED**.

Goubau, Sabine. – 1989-1996. - **RESTRICTED**.

Includes copy of “Partial characterization of the gonadotropin-releasing hormone (GnRH) gene transcript in the rat ovary” (Goubau, Bond, Adelman, Misra, Hynes, Schultz, Murphy).

See also below, Grad Student Theses.

Gummesson, Kenneth. – 1994.

Hanna, Michelle D. – 1991-1999. - **RESTRICTED**.

Includes copy of [powerpoint] slide presentation, “Quantitative Analysis of Human Ovulation” and draft of “Characteristics of Follicular Evacuation During Human Ovulation” (Hanna, Donna Chizen, and Pierson).

See also above, Research – Human Folliculogenesis.

Hanna, Salma Toma. – 2004-2006. - **RESTRICTED**.

Haque, Rafizul. – 2012.

Hart, Megan. – nd, 2000.

Includes powerpoint slides for “Ultrasonographic image analysis by texture classification segmentation using wavelet packet signatures.”

Herpberger, Jocelyn. – 2000. - **RESTRICTED**.

## **Box 6**

Hilton, Jennifer. – 1998-2000. - **RESTRICTED**.

Includes copy of “Magnetic Resonance Imaging of Bovine Ovarian Follicles during Development and Regression.”

Jilwah, Nadia. – [ca. 1999-2000].

Draft copy of "Ultrasonographic Image Analysis of Dominance in Human Ovarian Folliculogenesis" (Jilway and Pierson).

Kastelic, John. – 1989, 1995. - **RESTRICTED**.

Klimaszewski, Artur. – 1993-1994. - **RESTRICTED**.

Primarily concerning part-time employment; also includes documents regarding the 'networks of Centres of Excellence' program, together with a copy of "in Vitro Evaluation of Three-Dimensional Ultrasonography in Volume Estimations of Abdominal Organs" (Gilja, Thune, Maitre, Hausken, Odegaard, Berstad).

Koehler, Joel. – 1997-1999. - **RESTRICTED**.

Includes copy of "Development of Intravaginal Three-Dimensional Ultrasonography" (Koehler, Gander, Pierson).

Kulick, Lisa. – 1987, 1998. - **RESTRICTED**.

Laredo, Sheila. – 2004.

Administrative material relating to external examiner for thesis.

Levick, Carrie. – 1994-1996. - **RESTRICTED**.

Includes power point slides for "Ultrasonographic Analysis of the Corpus Luteum in Early Human Pregnancy (Levick & Pierson).

See also below, Theses – Bachelor of Science in Medicine.

Lujan, Marla. – 2010. - **RESTRICTED**.

Lulai, Clarice. – 1990-1991. - **RESTRICTED**.

Madill, Stephanie. – 2013. - **RESTRICTED**.

Maloufi, Farshaad. – 1999-2001.

Includes copy of "Ultrasonographic Grey Scale Analysis (GSA) of the equine uterus – practical relevance for fertility prognosis" (Lorber, Bartmann, Klug, Blaich, Petzoid, Schoon, Hermes).

See also below, Grad Student Theses.

Mapletoft, Reuben. – 2000-2007. - **RESTRICTED**.

Includes materials relating to Mapletoft's Saskatchewan Order of Merit; On Campus News clippings; "The Ark," (winter 2004); etc.

Martinuk, Susan. – 1987-1992. - **RESTRICTED**.

Includes copy of "Establishment of Laboratory Techniques for the Measurement of Urinary Estrogens."



Mircea, Carmen. – 2005-2007. - **RESTRICTED**.

Mitric, Kenza. – 1996. -

Muzzolini, Russell. – 1989-1993. - **RESTRICTED**.

Includes copies (with slight annotations) of “Segmentation of Ultrasound Images Using Texture Discrimination” and “A volumetric approach to segmentation and texture characterisation of ultrasound images.”

See also below, Grad Student Theses.

Narguanan, Varuna. – 2002. - **RESTRICTED**.

Newstead, Jill. – 1998-2000. - **RESTRICTED**.

See also below, Theses – Bachelor of Science in Medicine.

Ogieglo, Lissa. – 1999-2003. - **RESTRICTED**.

See also above, Research – Human Folliculogenesis.

Olatunbosun, Olufemi. – 1994-2004. - **RESTRICTED**.

Includes copy of “Delayed interval delivery in quadruplets” (Olatunbosun, Turnell, Sankaran, Ninan).

Oyesanya, Olufunso. – 2001. - **RESTRICTED**.

Parsons, Anna. – 1995- 2003. - **RESTRICTED**.

Includes copy of “Effect of Raloxifene on the Response to Conjugated Estrogen Vaginal Cream or nonhormonal moisturizers in postmenopausal vaginal atrophy” (Parsons, Merritt, Rosen, Heath, Siddhanti, Plouffe); “Effects of oral raloxifene on serum estradiol levels and other markers of estrogenicity” (Reindollar, Koltun, Parsons, Rosen, Siddhanti, Plouffe); “A comparative study of raloxifene, estrogen, and placebo on the postmenopausal endometrium” (Goldstein, Scheele, Rajagopaian, Wilkie, Walsh, Parsons); “Sonohysterography for endometrial abnormalities: Preliminary results” (Parsons, Lense); “Detection and surveillance of endometrial hyperplasia/carcinoma” (Parsons); “Evaluation of posmenopausal endometrium” (Parsons); “Ultrasound of the human corpus luteum” (Parsons); etc.

Payton, Natasha. – 1994-1996. - **RESTRICTED**.

See also below, Theses – Bachelor of Science in Medicine.

Perez, Gloria. – 1994. – **RESTRICTED**.

Relating to Perez and L.L Kujjo.

Pilip, Roman. – 1993-1994. - **RESTRICTED**.

See also below, Grad Student Theses.

Ravindra, Janivara. – 1991.

Rezaeisarlak, Elham. – 2013. - **RESTRICTED**.

Rivera, Gonzalo. – 1995. - **RESTRICTED**.

Rodway, Marie. – 1996-1997.

Salamone, Daniel. – 1994-1995. - **RESTRICTED**.

Sarty, Gordon. – 1997-2006. - **RESTRICTED**.

Includes “Widely observed visual fireballs over Canada, 1994 to 1997” (Sarty, Huziak, Irwin); “Semiautomated segmentation of ovarian follicular ultrasound images using a knowledge-based algorithm” (Sarty, Liang, Sonka, Pierson); “Natural k-plane coordinate reconstruction method for magnetic resonance imaging: mathematical foundations” (Sarty); “Self-diffusion maps from wavelet de-moised NMR images” (Sarty, Kendall); etc.

Sass, Kimberly. – [ca. 2000]-2001. - **RESTRICTED**.

Includes power point slides, draft version of “Image analysis of ovulatory and anovulatory dominant follicles during a natural ovarian cycle in women.”

Serrao, Shani. – 2010-2013. - **RESTRICTED**.

Singh, Dominique. – 2011-2014.

Singh, Jaswant. – 1994-2000, 2005. - **RESTRICTED**.

See also below, Grad Student Theses.

## **Box 7**

Swan, Cynthia. – 1996-2000. - **RESTRICTED**.

See also below, Grad Student Theses.

Tang, Yimin. – 1997.

Tedesco, Susan. – 1989-1996. - **RESTRICTED**.

Includes “Reproduction in male muskoxen: changes with season” (Tedesco, Adamczewski, Rowell, Pierson, Barth, Flood).

See also below, Grad Student Theses.

Thundathil, Jacob. – 1995-2001. - **RESTRICTED**.

Tornesi, Belen. – 1990-1993. - **RESTRICTED**.

Includes "In vitro culture of preimplantation mouse embryos and day 12 limb-buds: effects of serum and albumin" (Tornesi, Palasz, Del Campo, Rousseaux, Archer, Mapletoft).  
See also below, Grad Student Theses.

Vassena, Rita. – 1999-2001. - **RESTRICTED.**

Wagner, Darren. – 2010.

Warikoo, Pradeep. – 1990-1991. – **RESTRICTED.**

Weng, Nan. – 1994-1996. - **RESTRICTED.**

Includes draft of "Recovery of three dimensional models from sequences of ultrasound images."  
See also below, Grad Student Theses.

Williamson, Linz. – 2012. - **RESTRICTED.**

Yapura, Jimena. – 2007-2013. - **RESTRICTED.**

Zhang, Zhiming (Jimmy). – 1992-1994. - **RESTRICTED.**

Includes copies of "Heparin-binding epidermal growth factor-like growth factor is differentially regulated by progesterone and estradiol in rat uterine epithelial and stromal cells" (Zhang, Funk, Roy, Glasser, Mulholland); "Progesterone regulation of heparin-binding epidermal growth factor-like growth factor gene expression during sensitization and decidualization in the rat uterus: effects of the antiprogestin, ZK 98.299" (Zhang, Funk, Glasser, Mulholland); "Porcine stem cell factor /c-kit ligand: its molecular cloning and localization within the uterus" (Zhang, Anthony); "Epidermal growth factor receptors in porcine endometrium: binding characteristics and the regulation of prostaglandin E and F<sub>2α</sub> production" (Zhang, Krause, Davis).

Zhu, Lijia. – [ca. 1999].

### **Series 5: PHOTOGRAPHS**

1. Canadian Academy of Health Sciences Fellows Dinner. – 2006. – 2 colour photographs.  
Held at Boffins, Innovation Place. Lorne Babiuk, William Albritton, Jim Dosman, Roger Pierson and Jay Kalrah. A second image includes spouses.
2. CIHR – CIA – clinical Investigations A. – 2003. – photo on board. – **See Box 26.**  
Group photo: Harry Bard; Elise Heon; Ali Akoump Po-Yin Cheung; John G. Flanagan, Robert Gagnon; Roger Pierson; Michael Walter; Alan Cruess; Ian MacDonald; Graeme Smith; Donna Shields-Poe; Michelle Hume.
3. [Black Binder 1 – Research illustrations and images]. – 78 photographs, 44 negatives.  
Includes ultrasonography images; illustrations, graphs (percentage of follicular fluid); prototype; cartoon ("the way a sonogram works, Mrs Johnson..."); cartoons (The Far

Side); foetus; various ultrasonography images, including one identifying ovary, fluid, and gestational sac; images used to illustrate Pierson's chapter on infertility in Diagnostic Ultrasound; [3D] etc.

4. [Black Binder 2- Research illustrations and images]. – 29 slides, 41 photographs, 300 negatives  
First GIFT procedure at RUH; first oocyte / cumulus visualization; ultrasonography; material for presentations / illustrations; etc.
5. Explore Magazine Photos. - digital objects (from CD).  
Roger Pierson and Donna Chizen; photos by Debra Marshall for the UofS.  
27 jpeg images.
6. Pierson Project. – July 2007. digital objects (from CD).  
Embryo pictures for conference.  
ROXIO14: 6 jpeg images (emb1-6); 2 files: Enucleation.1-29-99; Nuclear\_inj.1-29-99
7. Red Binder. – [ca. 1985-2003]. - 91 photographs.  
Includes images of Sue Krebs, Pierson, and Diane [Stube], Stan Scraba; Lisa [Kulich]; group photo with Barry McLennan, Georgette Sheridan, Louis Delbarre; various graduate students, including Jaswant Singh, G. Brogiatti, Joseph Tom; Angie [Baerwald]; Lissa Ogioglio, Gabriella [?]; Angie Hess and Jennifer Hilton; CFAS presidency (1999); CFI Committee (1998); Distinguished Researcher award: images including McLennan, Olatunbosun, Adams, [Chedrege]; view of the stage; photo with Peter McKinnon, Michael Corcoran, and Peggy McKercher; Human Reproduction Workshop group photo (1995); Pierson with research assistants, ca. 1990, together with clipping; [cows are done party] 1998; Gregg Adams; Michelle Kadash; Angie Hess; Nadia Jilwah; successful treatment for infertility; miscellaneous personal including Newfoundland 2000, Europe; etc. Also includes images used in Human Ovulation (1993).
8. Roger Pierson – from DarkHorse Shoot. – 2004. - digital objects (from CD).  
High resolution tiff image; Pierson in labcoat.
9. Saskatoon Health Research Foundation - Roger Pierson. – 2004. – digital objects (from CD).  
12 digital images of Pierson and the Reproductive Science & Medicine Research Group.  
Images by Debra Marshall; includes identification and SHR photograph sharing policy.
10. Slides. – 124 slides, 1 neg.  
General horse pictures; horse embryo transfer; ovary horse pictures; embryo horse pictures.  
In envelope: slide of Pierson; unidentified trio (black & white); neg [of embryo – see also oversize H14).

## **Series 6: PUBLICATIONS**

Articles and Chapters in Books:

1. Ultrasonic evaluation of the reproductive tract of the mare; Principles, equipment, and techniques. – 1983.  
Ginther and Pierson, *Equine Veterinary Science* vol. 3 no. 6.
2. Ultrasonic Anatomy of Equine Ovaries. – 1983-1984. – textual records, 1 photograph.  
Ginther and Pierson. *Theriogenology* vol. 21.
3. Ultrasonic Anatomy and Pathology of the Equine Uterus. – 1984.  
Ginther and Pierson. As submitted; published in *Theriogenology* vol. 21.
- 3a. Ultrasonography for Detection of Pregnancy and Study of Embryonic Development in Heifers. – 1984.  
Pierson and Ginther. *Theriogenology*, vol. 22. Correspondence and drafts.
4. Ultrasonography of the Bovine Ovary. – 1983-1984. – textual records, 6 photographs.  
Pierson and Ginther. Annotated text; cover letter; illustrations. *Theriogenology*, vol. 21.
5. Effects of Estrous Cycle and Season on Ultrasonic Uterine Anatomy in Mares. – [1985].  
Hayes, Pierson, Scraba, Ginther. Marked copy before edit. *Theriogenology*, vol. 24.
6. Ultrasonic Evaluation of the Ovaries in Mares and Heifers. – 1984.  
Pierson and Ginther. Published in the *Proceedings of the 10<sup>th</sup> International Congress on Animal Reproduction and Artificial Insemination*, vol. 3.
7. Ultrasonic Evaluation of the Reproductive Tract of the Mare: Ovaries. – 1984.  
Ginther and Pierson. Published in *Equine Veterinary Science*, vol. 4 no. 1
8. Ultrasonic Evaluation of the Corpus Luteum of the Mare. – 1984-1985. – textual records, 4 photographs.  
Pierson and Ginther. Draft, correspondence, copy of published version from *Theriogenology*, vol. 23, no. 5.
9. Ultrasonic Evaluation of the Preovulatory Follicle in the Mare. – 1985.  
Pierson and Ginther. Published in *Theriogenology*, vol. 24 no. 3.
10. Ultrasonic Evaluation of the Reproductive Tract in Heifers. – [ca. 1986].  
Pierson and Ginther.
11. Ovarian Follicular Populations During Early Pregnancy [in Heifers]. – [ca. 1986].  
Pierson and Ginther. *Theriogenology*, vol. 26.

12. Ultrasonographic appearance of the bovine conceptus from days 10 through 20. – 1986. – textual records, 3 photographs.  
Curran, Pierson, and Ginther. Published in the *Journal of the American Veterinary Medical Association*, vol. 189 no. 10.
  13. Ultrasonographic appearance of the bovine conceptus from days 20 through 60. – 1986.  
Curran, Pierson, and Ginther. Published in the *Journal of the American Veterinary Medical Association*, vol. 189 no. 10.
  14. Ultrasonographic appearance of the bovine uterus during the estrous cycle. – 1987.  
Pierson and Ginther. Published in the *Journal of the American Veterinary Medical Association*, vol. 190, no. 8.
  15. Reliability of Diagnostic Ultrasonography for Identification and Measurement of Follicles and Detecting the Corpus Luteum in Heifers. – 1987.  
Pierson and Ginther. Published in *Theriogenology*, vol. 28.
  16. Intraovarian Effect of the Corpus Luteum on Ovarian Follicles during Early Pregnancy in Heifers. – 1987.  
Pierson and Ginther. *Animal Reproduction Science*, vol. 15.
  17. Follicular Populations During the Estrous Cycle in Heifers. I. Influence of Day. – 1987.  
Pierson and Ginther. *Animal Reproduction Science*, vol. 14.
  18. Follicular Populations During the Estrous Cycle in Heifers. II. Influence of Right and Left Sides and Intraovarian Effect of the Corpus Luteum. – 1987.  
Pierson and Ginther. *Animal Reproduction Science*, vol. 14.
  19. Follicular Population Dynamic During the Estrous Cycle of the Mare. – 1987.  
Pierson and Ginther. *Animal Reproduction Science*, vol. 14. Includes copy of the journal volume (with papers 17, 18, and 19) together with offprint.
  20. Follicular and Luteal Dynamics in Mares: A Review of Recent Ultrasonographic Studies. – 1987.  
Pierson and Ginther. Society of Theriogenology meeting [conference proceedings].
  21. Follicular Populations During the Estrous Cycle in Heifers. III. Time of Selection of the Ovulatory Follicle. – 1988.  
Pierson and Ginther. *Animal Reproduction Science*, vol. 16.
- Box 8**
22. Ultrasonic Imaging of the Ovaries and Uterus in Cattle. – 1988.  
Pierson and Ginther. *Theriogenology*, vol. 29. Includes reviewer notes.

23. Ultrasonic Evaluation of the Bovine Conceptus. – 1988.  
Kastelic, Curran, Pierson, and Ginther. *Theriogenology*, vol. 29. Includes pre- and post-review manuscripts.
24. Basic Principles and Techniques for Transrectal Ultrasonography in Cattle and Horses. – 1988.  
Pierson, Kastelic, and Ginther. *Theriogenology*, vol. 29.
25. Characterization of Plasma Progesterone Concentrations for Two Distinct Luteal Morphologies in Mares. – 1989.  
Townson, Pierson, and Ginther. *Theriogenology*, vol. 32.
26. Applications of Diagnostic Ultrasonography in Embryo Transfer Programs. – 1989.  
Pierson. *Embryo Transfer*, vol. 4.
27. Regular and Irregular Characteristics of Ovulation and the Interovulatory Interval in Mares. – 1988-[1989].  
Ginther and Pierson. Although the article was published in the *Journal of Equine Veterinary Science* (1989), this file only contains correspondence regarding publication, not the article.
28. Normal and Abnormal Physiology and Endocrine Events of the Reproductive Tract as Visualized by Ultrasonography. – 1989.  
Pierson. *Proceedings of the American Association of Equine Practitioners*.  
Correspondence, paper.
29. Resurgence of the Primary Corpus Luteum During Pregnancy in the Mare. – 1989.  
Bergfelt, Pierson and Ginther. *Animal Reproduction Science*, vol. 21.
30. Effects of the Fat Supplementation and Immature Alfalfa to Concentrate Ratio on Luteal Function of Dairy Cattle. – 1989-[1990].  
Carroll, Jerred, Grummer, Combs, Pierson, and Hauser. *Journal of Dairy Science*, vol. 73.
31. Folliculogenesis and Superovulation in the Cow. – 1989.  
Paper by Murphy and Mapletoft; *Proceedings of the American Veterinary Association*.  
Also includes “Superovulation in the Cow,” Murphy, Lussier, Pierson, and Mapletoft [presentation or publication unknown].
32. Morphologic Dynamics of Corpora Lutea and Central Luteal Cavities during the Estrous Cycle and Early Pregnancy in Heifers. – [1989].  
Kastelic, Pierson and Ginther. Submitted to *Animal Reproduction Science*.
33. Ovarian Follicular Response of Mares to an Equine Pituitary Extract after Suppression of Follicular Development. – 1987-1990.

Pierson and Ginther. *Animal Reproduction Science*, vol. 22. [Earlier draft may have been titled "Time Selection of the Ovulatory Follicle in Mares"]. Correspondence, article.

34. Ultrasonographic Visualization of Human Ovulation. – 1990.  
Presented by Pierson at the 7<sup>th</sup> Reinier de Graaf symposium; chapter by Pierson, Martinuk, Chizen and Simpson published in Evers and Heineman (eds), *From Ovulation to Implantation*.
35. Variability of Ovarian Structures and Plasma Progesterone Profiles in Dairy Cows with Ovarian Cysts. – 1990.  
Carroll, Pierson, Hauser, Grummer, and Combs. *Theriogenology*, vol. 34.
36. The Effect of Estradiol Valerate on Follicular Dynamics and Superovulatory Response in Cows with Syncro-Mate-B Implants. – 1991.  
Bó, Pierson, and Mapletoft. *Theriogenology*, vol. 36.
37. A Framework for the Evaluation of Texture Features with Application to Diagnostic Ultrasound Images. – 1991.  
Muzzolini, Yang, and Pierson. *Proceedings of the IEEE Conference on Medical Imaging*. Drafts with annotations, final copy.
38. Ultrasonography and Infertility. – 1991.  
Copy of "Transvaginal Diagnostic Ultrasonography in Evaluation and Management of Infertility." Pierson and Chizen. *Journal SOGC* [Society of Obstetricians and Gynaecologists of Canada. Journal continued later as *Journal of Obstetrics and Gynaecology Canada*].
39. Ultrasonography in Large Animals. – 1992.  
Copy of "Use of Real-Time Ultrasonography in Bovine and Equine Reproduction." Peter, Jakovljevic, and Pierson. *The Compendium*, vol. 14 no. 8.
40. Fates of Individual Follicles in Women Undergoing Ovulation Induction using Human Menopausal Gonadotropin (hMG). – 1992.  
Annotated drafts, notes, etc. for [paper presented at] the 38<sup>th</sup> annual meeting of the Canadian Fertility and Andrology Society. Martinuk, Chizen and Pierson, authors.
- 40a. Ultrasonographic Morphology of Preovulatory Follicle Walls in Women Undergoing Ovarian Hyperstimulation using Human Menopausal Gonadotropin (hMG). – [ca. 1992?]  
Martinuk, Chizen, and Pierson.
41. Ovulation Induction, Ultrasonographic Imaging, and Computer Assisted Image Analysis. – 1992.  
Pierson, Hanna, Chizen, and Olatunbosun. Presented by Pierson at the Canadian Fertility and Andrology Society / Serono Canada symposium, "An Emphasis on Outcomes."



42. La Ultrasonografía Aplicada a la Reproducción Bovina = [Application of diagnostic ultrasonography in bovine reproduction]. – 1992.  
Bó, Pierson, Adams, Tríbulo, and Mapletoft. CABIA, vol. 7 no. 26.
43. Mare - Folliculogenesis Chapter. – [1992].  
Pierson. "Folliculogenesis and Ovulation," in J. Voss and A. McKinnon (eds), *Equine Reproduction*. Annotated drafts, correspondence.
44. Ovulation to Implantation. – 1991-1992. – textual records, 34 photographs.  
Pierson. "From Ovulation to Implantation," in R. Jaffe and S. Warsof (eds), *Color Doppler Imaging in Obstetrics and Gynecology*. Correspondence, reviews, chapter, illustrations.
45. Ultrasonographic Morphology of the Human Preovulatory Follicle Wall Prior to Ovulation. – 1992.  
Martinuk, Chizen, and Pierson. *Clinical Anatomy*, vol. 5 no. 5. Includes offprint and copy of the journal.
46. Gestaciones Gemelares en la Yegua y como Manejarlas : Una Revisión Bibliográfica = [Twinning in Mares and How to Deal with it: A Clinical Review]. – 1991-1992.  
García and Pierson. [Submitted to *Alazan*].
- 46a. Estrogen Suppression of the Dominant Follicle in Heifers. – [1992].  
Bó, Adams, Nasser, Pierson, and Mapletoft. Published in *Clinical Trends and Basic Research in Animal Reproduction: Proceedings of the 12<sup>th</sup> International Congress on Animal Reproduction, The Hague, Netherlands, 23-27 August 1992* (Dieleman, Colenbrander, Booman and van der Lende, eds).
47. Accuracy of Ultrasonography in Early Pregnancy Diagnosis in the Ewe. – 1993.  
García, Neary, Kelly, and Pierson. *Theriogenology*, vol. 39.
48. Characteristics of Pregnancy in Muskoxen (*Ovibos moschatus*). – 1993.  
"Endocrine changes and luteal morphology during pregnancy in muskoxen (*Ovibos moschatus*)." Rowell, Pierson, and Flood. *Journal of Reproduction and Fertility*, vol. 99.
49. Effect of Estradiol Valerate on Ovarian Follicles, Emergence of Follicular Waves and Circulating Gonadotropins in Heifers. – 1993.  
Bó, Adams, Nasser, Pierson, and Mapletoft. *Theriogenology*, vol. 40.
50. Factors Affecting Superovulation in the Cow: Practical Considerations. – 1993.  
Mapletoft and Pierson. *Embryo Transfer Newsletter*, vol. 11 no. 3.
51. Multiresolution Texture Segmentation with Applications to Diagnostic Ultrasound Images. – 1993.

- Muzzolini, Yang, and Pierson. *IEEE Transactions on Medical Imaging*, vol. 12 no. 1. Includes offprint and journal.
52. Transvaginal Doppler Ultrasound in the Assessment of Uterine and Ovarian Blood Flow. – [1993].  
Abramowicz, Jaffe, and Pierson. [In *Imaging in infertility and reproductive endocrinology?* Abramowicz, Jaffe, and Pierson, (eds)]. Includes three annotated drafts.
53. Ultrasonography of Normal and Aberrant Luteogenesis. – 1993.  
Bäckström, Nakata, and Pierson. Chapter in *Imaging in infertility and reproductive endocrinology*. Correspondence, drafts.
54. Multidimensional Texture Characterization. – [1994].  
Muzzolini, Yang, and Pierson. Annotated draft.
55. New Directions in Imaging in Infertility and Reproductive Endocrinology. – 1994.  
Pierson, Brown, Lees, Rubin, Yang and Jaffe. In *Imaging in infertility and reproductive endocrinology?* Abramowicz, Jaffe, and Pierson, (eds). Includes page proofs.
56. Ovarian follicular development in mink (*Mustela vison*). – 1994.  
Douglas, Pierson, and Murphy. *Journal of Reproduction and Fertility*, vol. 100.
57. The Role of Ultrasonography in Ovulation Induction. – 1994.  
Pierson, Chizen, and Olatunbosun. In *Imaging in infertility and reproductive endocrinology?* Abramowicz, Jaffe, and Pierson, (eds).
58. Recruitment of Follicles for Superovulation. – 1994.  
Mapletoft, Bó, and Pierson. *The Compendium*, vol. 16 no. 1.
59. Texture Characterization Using Robust Statistics. – 1994.  
Muzzolini, Yang, and Pierson. *Pattern Recognition*, vol. 27 no. 1.
60. Transvaginal Ultrasonography Assessment of Normal and Aberrant Ovulation. – 1994. – textual records, 59 photographs.  
Pierson and Chizen, in *Imaging in infertility and reproductive endocrinology?* Abramowicz, Jaffe, and Pierson, (eds). Includes page proofs.
61. Three Dimensional Segmentation of Volume Data. – 1994.  
Muzzolini, Yang, and Pierson. *Proceedings, IEEE International conference on Image Processing*.
62. Characteristics of follicular evacuation during human ovulation. – 1994. – textual records, 6 photographs, 39 negatives.  
Hanna, Chizen, and Pierson. *Journal of Ultrasound in Obstetrics and Gynecology*.

63. Follicular Wave Dynamics after Estradiol-17 $\beta$  Treatment of Heifers with or without a Progestogen Implant. – 1994.  
Bó, Adams, Pierson, Tribulo, Caccia, and Mapletoft. *Theriogenology*, vol. 41.
64. Induction of labor using prostaglandin E<sub>2</sub> (PGE<sub>2</sub>) vaginal gel in triacetin base: An efficacy study comparing two dosage regimens. – 1995.  
Seeras, Olatunosun, Pierson, and Turnell. *Clinical and Experimental Obstetrics and Gynaecology*, vol. XXII, no. 2. Correspondence, article.
65. Bovine Model for Study of Ovarian Follicular Dynamics in Humans. – 1995.  
Adams and Pierson. *Theriogenology*, vol. 43.
- Box 9**
66. Computer-Assisted Image Analysis, Diagnostic Ultrasonography and Ovulation Induction: Strange Bedfellows. – 1995.  
Pierson and Adams. *Theriogenology*, vol. 43.
67. Exogenous Control of Follicular Wave Emergence in Cattle. – 1995.  
Bó, Adams, Pierson, and Mapletoft. *Theriogenology*, vol. 43. Review comments, annotated draft and final article.
68. Ovarian Follicular Wave Emergence after Treatment with Progesterone and Estradiol in Cattle. – 1995.  
Bó, Adams, Caccia, Martinez, Pierson, and Mapletoft. *Animal Reproduction Science*, vol. 39.
69. Transvaginal Ultrasonography of the First Trimester Embryo: The First Eight Weeks of Gestation. – 1995. – textual records, 3 photographs.  
Chizen, Olatunbosun, and Pierson. *Journal SOGC [Journal of the Society of Obstetricians and Gynaecologists of Canada]*. Correspondence, article, etc.
70. Ultrasonography and Ovulation Induction. – 1995.  
Pierson, Olatunbosun, Chizen. *Journal SOGC [Journal of the Society of Obstetricians and Gynaecologists of Canada]*, vol. 17, no. 8. Copy of journal and offprint.
71. Ultrasonography Text – Pregnancy Chapter. – 1995.  
“Pregnancy,” chapter for *Equine Diagnostic Ultrasonography* (Rantanen and McKinnon, eds).
- 71a. Ultrasonography Text – Corpus Luteum Chapter. – 1993-1995.  
“Form and Function of the Corpus Luteum,” chapter for *Equine Diagnostic Ultrasonography* (Rantanen and McKinnon, eds).

72. Transvaginal Ultrasound and Infertility. – 1996.  
Presentation by Pierson at Canadian Fertility and Andrology Society / Serono Canada 42<sup>nd</sup> annual meeting. Program, correspondence.
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Yapura, Mapletoft, Pierson, Singh, Naile, Giesy, and Adams. *Fertility and Sterility*, vol. 96 no. 2.
187. Biochemical Isolation and Purification of Ovulation-Inducing Factor (OIF) in Seminal Plasma of Llamas. – 2011.  
Ratto, Delbaere, Leduc, Pierson, and Adams. – *Reproductive Biology and Endocrinology*, vol. 9.
188. Mood Instability in Women with Premenstrual Syndrome. – 2011.  
Bowen, Bowen, Baetz, Wagner, and Pierson. *Journal of Obstetrics and Gynaecology Canada*, vol. 33 no. 9.
189. Resident Research Training Objectives and Requirements of the Association of Academic Professionals in Obstetrics and Gynaecology. – 2011.  
Smith, McNamara, Bessette, Allen, Ross, Schulz, Pierson, and Nadeau. *Journal of Obstetrics and Gynaecology Canada*, vol. 33 no. 10.
190. Correlations between ultrasonographic characteristics of corpora lutea and systemic concentrations of progesterone during the discrete stages of corpora lutea lifespan and secretory activity in cyclic ewes. – 2012.  
Gallienne, Gregg, LeBlanc, Yaakob, Wu, Davies, Rawlings, Pierson, Deardon, and Bartlewski. *Experimental Biology and Medicine*, vol. 237.
191. In Vitro Imaging of Cumulus-Oocyte Complexes and Small Ovarian Follicles in Cattle using Ultrasonic Biomicroscopy. – 2012.  
Pfeifer, Siqueira, Adams, Pierson, and Singh. *Animal Reproduction Science*, vol. 131.
192. Effects of a Non-Steroidal Aromatase Inhibitor on Ovarian Function in Cattle. – 2012.  
Yapura, Mapletoft, Singh, Pierson, Naile, Giesy, Chang, Higley, Hecker, and Adams. *Reproductions, Fertility and Development*, vol. 24.
193. The Nerve of Ovulation-Inducing Factor in Semen. – 2012.  
Ratto, Leduc, Valderrama, van Straaten, Delbaere, Pierson, and Adams. *Proceedings of the National Academy of Sciences*.



194. Ovarian Antral Folliculogenesis during the Human Menstrual Cycle: A Review. – 2012.  
Baerwald, Adams, and Pierson. *Human Reproduction Update*, vol. 18 no. 1. Includes excerpts, Chinese edition.
195. Aromatase Inhibitor Treatment with an Intravaginal Device and its Effect on Pre-Ovulatory Ovarian Follicles in a Bovine Model. – 2013.  
Yapura, Mapletoft, Pierson, Singh, and Adams. *Reproductive Biology and Endocrinology*, vol. 11.196.
196. Recombinant Human Luteinising Hormone to Trigger Ovulation: Randomised, Controlled, Dose-Finding Pilot Study in Ovulation Induction. – [2012-2013].  
Pierson, Olatunbosun, Chizen, Saunders, Loumaye, de Moustier. *Journal of Reproductive Medicine*. Correspondence, drafts, etc.
197. Updated Ultrasound Criteria for Polycystic Ovary Syndrome: Reliable Thresholds for Elevated Follicle Population and Ovarian Volume. – 2013.  
Lujan, Jarrett, Brooks, Reines, Peppin, Muhn, Haider, Pierson, and Chizen. *Human Reproduction*, vol. 28 no. 5.
198. Effect of Exercise Training Combined with Isoflavone Supplementation on Bone and Lipids in Postmenopausal Women: A Randomized Clinical Trial. – 2013.  
Chilibeck, Vatanparast, Pierson, Case, Olatunbosun, Whiting, Beck, Pahwa, and Biem. *Journal of Bone Density and Mineral Research*, vol. 28, no. 4.
199. Systemic Inflammation is Associated with Ovarian Follicular Dynamics during the Human Menstrual Cycle. – 2013.  
Clancy, Baerwald, and Pierson. Public Library of Science (PLOS ONE), vol. 8 issue 5.
200. C-Reactive Protein (CRP) in Relation to Follicle Wave Dynamics during the Spontaneous Menstrual Cycle. – 2013.  
Clancy, Baerwald, and Pierson. Public Library of Science (PLOS ONE), vol. 8 issue 5.

Abstracts. – 2 folders.

Book – *Imaging in Infertility and Reproductive Endocrinology*. – 1994. – 2 folders.  
Richard Jaffee, Roger Pierson and Jacques Abramowicz, eds.  
Folder 1: hardcover copy.  
Folder 2: “Lippincott” – royalty statements. – **RESTRICTED**.

## **Series 7: RESEARCH**

### **7.1 Research - GENERAL**

1. Alberta. – 2001-2002.  
Correspondence, copy of University of Alberta, Department of Obstetrics and Gynecology Research Strategic Plan.
  2. Anastrozole EC Project / Letrozole EC Project. – 2005.
  3. Assisted Human Reproduction Canada. – 2007. – **RESTRICTED**.
  4. Bartelewski Collaboration: Sheep – Oral Contraceptives.
- Box 13**
5. Bergfelt Collaboration. – 1995, 2000-2001.
  6. Binder of SOPs [Standard Operating Procedure]. – 2010.  
[Dominique Singh copy].
  7. Breast Echotexture Study – BS-SRB-98. – [ca. 1998].  
Experiment protocol.
  8. Breast Ultrasonography Project. – 1994-1998.  
Material regarding inverted nipples, including “The ‘Niplette’: an instrument for non-surgical correction of inverted nipples” (McGeorge); the Saunders Matthey Fund for Breast Cancer Research; and the Susan G. Komen Breast Cancer Foundation.
  9. Business Development. – nd.  
Don Somers, John Schaw, Brent Dunlop [listed on file label].
  10. Carnevale Collaboration. – 2000.  
Correspondence, copy of proposal, “Use of computer-assisted image analyses to evaluate follicular integrity and interval from ovulation.”
  11. Carnevale Collaboration – Equine Ovary Project. – 2000-2001.
  12. Characterization of Sex Steroid Receptors in Breast and Endometrial Tissue in Peri-menopausal Women. – 2007.  
Certificate of approval; participant information and consent form; etc.
  13. [Chilibeck] Study. – 2008. – digital objects from CD. – **RESTRICTED**.  
ROXIO7: folder: patientinfo
  14. Clinical Research Study Coordinator Training Workshop. – 2010.

Saskatchewan Drug Research Institute; facilitated by Terri Shewchuk. [Dominique Singh copy].

15. Clinical Ultrasound Image Archive – Clinical Images – WHIRL. – 1990-1994. – digital objects from CD.  
Clinical: folder: CLINICAL
16. Clomiphene, Embryo, Ovarian Mosses, Oviduct, Perglin, Pregnancy, Uterus, Baerg, Ovulation Induction. – 1998. – digital objects from CD.  
Us\_image: folders [as identified in title]
17. DMM Fetal / Maternal Heart Sounds. – 2009. – **CLOSED**.
18. EC Paper – Re-examination of Data.  
“Hormonal Emergency Contraception Regimens do not Suppress Ovulation during the Follicular Phase of the Menstrual Cycle” (Toma Hanna, Pierson).
19. Effects of Nicotine on Subendometrial Contractions. – 2006.  
Notice of ethical review.
20. **Fetal Heartbeats. – 2002. - digital objects** (from CD).- **RESTRICTED**.
21. Follicle Development Files: ppt – cartoonist & graphs of ovarian folliculogenesis. – 1999. – digital objects from CD.  
  
Fol\_devt: folders: ANIMATEDFOL; NORMAL\_ROG; SUPER\_ROG;  
Ppt: FOLLCHART
22. Hormone Free Interval FSH Suppression. – 2003, 2007.  
Relating to an innovative technology.
23. How to Coordinate Clinical Trials: The Basics. – 2010-2011.  
Workshop attended by Dominique Singh; includes her notes. Inside binder also included two versions of the patient diary card for the Single Dose Aromatase Inhibitor Study (see below). Workshop developed by Clinical Research Site Training [SOCRA]; includes Singh’s certificate of attendance. Additional SOCRA workshop information included; together with BioTalent syllabus for “Good Clinical Practices;” “Study Coordinator Training Workshop Agenda.
24. Human OIF Project. – 2006.  
Notice of ethical review.
25. Image Analysis. – 15 August 1997. – digital objects from CD.  
Image Analysis of the Human Decidua – N. Richards;

Image Analysis of the Human Corpus Luteum – C. Levick  
CORPUS\_LUTEUM: 34 folders, CYS files; EKS files

26. Mid-Luteal Phase Ovarian Synchronization of Folliculogenesis in Women. – 2007.

See also below, 7.2 Research - AI

27. Luteal Phase Synchronization – Terri MSc Project. – 2007. – digital objects from CD.

Draft summary form, ethics review material, etc. for “Mid-luteal Phase Ovarian Synchronization of Folliculogenesis in Women.”

Mid-Luteal Synchronization Study: SONIX Media

TLVL 042	JCH 028	JRS 014
TMG 041	SEY 027	ADL 013
ELF 040	RAR 026	ARC 012
SJZ 039	BEA 025	AMH 011
BRC 038	MAS 024	JNKN 010
AJK 037	KPJ 023 [2]	GKA 009
NLR 036	JLC 022	LRJ 008
JBH 035	EAH 021	AMP 007
AMK 034	LEB 020	SMD 006
TDK 033	SGM 019	TLW 005
HLB 032	MRT 018	AMM004
SMC 031	MPD 017	TME 003
JGL 030	JDM 016	LuteaAI: VMM
REH 029	PJA 015	002

LuteaAI: VCI 001

28. Old U/S Images from OV Induction Study. – 1997-1998. – digital objects from CD.

Ultra\_home: folder ULTRA\_HOME

29. Parsons Collaboration. – 1993-1994, 2001.

Correspondence.

30. Russults – Tim Russ. – 2006. – **RESTRICTED**.

31. J. Singh Collaboration – 3D Image Analysis. – 1993. – digital: from CD

New: file folder: 3D Mesh-B1-93-JS : height, surface.

32. Standard Operating Procedures Manual Checklists for Clinical Research. – 2004. – 2 folders.

For the Department of Obstetrics, Gynecology & Reproductive Sciences. Edited by O. Olatunbosun, RA Pierson and KA Pierson; version 2. Effective date: 31 January 2004 – 31 January 2005; for review, 5 January 2005.

Note: there are differences

33. Standard Operating Procedures. – 2007.

Women's Health Imaging Research Laboratory  
Version 3.0 – effective 1 July 2007 until 30 June 2009.

34. TA Clinic OC Failure Study. – 2002.  
Correspondence, draft survey.
35. Ultrasound Machine Setting – moving image (DVD).  
Linea probe image set up on u/s phantom – gain controls TGC etc.
36. Untitled [Human Ovarian Follicular Dynamics]. – 2000. – **RESTRICTED**.
37. Untitled [Imaging Analysis of the ovary during the Menstrual Cycle and Ovarian Superstimulation].  
Printout of powerpoint slides.
38. Untitled [Protocols].  
Includes protocol for: Forward and Reverse Administration of Tri-Phasic Contraceptives; for Emergency Contraception; for Ovarian Effects of Continuous OC Administration; for Follicular Growth Profiles Following Withdrawal of Conventional Administration of OC.
39. Untitled [Seminal Plasma Research]. – 2006.  
Includes protocol, participant information sheet and summary form for “Characterization of an ovulation inducing factor in human seminal plasma” (Pierson, Ratto, Adams, Delbaere); correspondence.
40. Vasular Characteristics of the Human Corpus Luteum in the First Trimester of Pregnancy. –  
digital object from CD.  
Clpapr99: folder; WPD files; ppt

## **7.2 Research - ADE ADHESIONS PROJECT**

1. ADE Adhesions Project. – 2011. – **RESTRICTED**.  
A randomized, double-blind, placebo controlled phase 1 study of L-Alanyl-L-Glutamine for the reduction of peritoneal adhesions in adult females undergoing a laparoscopic salpingostomy for the removal of an ectopic pregnancy.
2. ADE Adhesions Protocol Development. – **RESTRICTED**.
3. Investigational Drug Shipment Logs. – 2012, 2014.
4. Miscellaneous ADE Documents. – 2011-2013.  
Notes, various articles, including “Assessment of ultrasonographic features of polycystic ovaries is associated with modest levels of inter-observer agreement” (Lujan, Chizen,

Peppin, Dhir, Pierson); “Postoperative adhesion prevention a sticky problem” (Maharaj); etc.

5. Research Participant Information Sheet. – 2012. – **CLOSED.**

**Box 14**

**7.3 Research - AROMATASE INHIBITOR (AI).** – 2000-2011. – textual records, CDs, electronic records.

This subseries includes: research relating to Aromatase Inhibitors for Emergency Contraception (Pierson, Olatunbosun); research relating to Multi-luteal Phase Ovarian Synchronization of Folliculogenesis in Women (Pierson, Olatunbosun, Chizen, Bloski); research relating to Aromatase Inhibitor effects on Ovarian Function during Luteal Phase in Women (Pierson, Olatunbosun, Chizen, Allaway); research relating to A Single 20mg Dose of Aromatase Inhibitor (AI) Does Not Effect Folliculogenesis in Women (Allaway, Chizen, Pierson); and research involving clinical trials of Letrozole; and Heather Allaway’s MSc project [research relating to Effects of a Non-Steriodal Aromatase Inhibitor on Human Ovarian Function].

1. AI Luteal Phase Data Analysis.
2. Aromatase: Update and New Roles in Reproductive Disease. – 2004. – photocopy.  
Vol. 22, no. 1. Guest editor Serdar Bulun.
3. [Biomedical Research Ethics Board] – 2000, 2003-2004.  
Includes draft version 1.1 (14 Oct 04); CIHR consent form; copy of Femara (letrozole) Product Monograph.
4. [Biomedical Research Ethics Board]. – 2004.  
Researcher’s summary form, as sent 15 Oct 2004.
5. [Biomedical Research Ethics Board]. – 2004-2009.  
Reflecting in part a shift in the project focus, toward a pilot study relating to anastrozole, to develop safe and effective emergency contraception. New project title: Effects of Single Dose Aromatase Inhibitors on Ovarian Function: A Model for Emergency Conception Development (27 July 2005). Also includes Bio-REB closure form for “Improved MR and Ultrasonographic Imaging for Differential Diagnoses of Ovarian Masses;” a certificate of re-approval for “Characterization of an Ovulation Inducing Factor in Human Seminal Plasma” (Pierson, Adams, Delbaere, and Ratto); a renewal form for “Aromatase Inhibitor Effects on Ovarian Function during the Follicular and Early Luteal Phase in Women;” and copies of the earlier versions of “AI for Emergency Contraception.”
6. [Biomedical Research Ethics Board – Ethical Review]. – 2004-2005.  
Correspondence; copy of the patient information sheet.
7. Bloski – AI Data Analysis. – nd, 2008-2009 textual records, 2 CDs.

Ferring: Guide to the Preparation and Administration of Bravelle, Menopur, and Repronex; endometriosis images; forms, notes, "The Parkes Lecture: Controlled ovarian stimulation in women" (Hillier); "Mechanism of action of hormonal preparations used for emergency contraception: a review of the literature" (Croxatto, Devoto, Durand, Ezcurra, Larrea, Nagle, Ortiz, Vantman, Vega, von Herzen); "Clomiphene citrate – end of an era? A mini-review (Homburg); "Embryology of Mammalian Gonads and Ducts (Byskov, Høyer); "Ovarian feedback, mechanism of action and possible clinical implications" (Messinis); "The effects of ovulation induction with gonadotrophins on the ovary and uterus and implications for assisted reproduction" (Balen).

8. [Data and Stats] - AI – [binder 1].
  9. [Data and Stats] - AI – [binder 2].
  10. [Data and Stats] – Single Dose AI – Follicle Dev't – Raw Data – 1. – 2009-2011. – 2 folders.
  11. [Data and Stats] - Stats & Drafts for Abstracts & Posters & Papers – CFAS Abstract Prep – Heather. – 2010.  
Material gathered and prepared for Canadian Fertility & Andrology Society (CFAS) 56<sup>th</sup> annual meeting, Vancouver, 2010 [Allaway].
  12. Ethics [Multi-luteal Phase Ovarian Synchronizaiton]. – 2007-2010.  
Includes Biomedical Research Ethics Board summary form, approvals; correspondence.
  13. Ethics / IRB [Institutional Review Board] . – 2008-2009.  
Includes drafts of "Aromatase Inhibitor effects on Ovarian Function during the Follicular and Early Luteal Phase in Women" (April 7, 18 June); Biomedical Research Ethics Board summary form; clinical trials protocol registration; etc.
- Box 15**
14. [Human Ovarian Follicular Dynamics and Emergency Contraception. – 2004-2005.  
(Toma Hanna, Olatunbosun, and Pierson). Patient information (version 1.2); draft version 1.4 (11 April 2005); notice for volunteers; Bio-REB summary form; copies of memos, summary of project under "Aromatase Inhibitors for Induction of Ovarian Follicular and Luteal Artesial A Model for Emergency Contraception Development;" original project proposal (14 Oct 04); together with copies Tredway et al, "A phase I study of the pharmacokinetics, pharmacodynamics, and safety of single- and multiple-dose anastrozole in healthy, premenopausal female volunteers" and Boeddinghaus & Dowsett, "Comparative clinical pharmacology and pharmacokinetic interactions of aromatase inhibitors."
  15. Identity Method Work Sheets.
  16. Letrozole. – 2001-2011.

Includes an overview for “Aromatase Inhibitors for controlling ovarian function and ovarian follicular wave synchronization in domestic animal species” (Adams, Singh, Mapletoft, and Pierson); memoranda relating to “Aromatase Inhibitors for Emergency Contraception” (see also above, “Human ovarian follicular dynamics...”); various abstracts; various articles, predominantly by Mitwally and Casper; correspondence regarding [phase I?] studies on letrozole; an article from the Sydney Morning Herald on Australia’s abortion rate, and Postinor-2 or the ‘morning-after’ pill; prescribing information for Femara (letrozole); etc.

17. [Letrozole – Clinical Trials]. – 2007.

Bio-REB status report forms for “Improved MR and Ultrasonographic Imaging for Differential Diagnoses of Ovarian Masses;” “Human Ovarian Follicular Dynamics and Emergency Contraception;” clinical trial site information; and part of clinical trial application information.

18. Pt [Patient] Info Packages.

19. [Saskatoon Health Region]. – 2004-2005.

Includes memo from the SHR regarding the project; includes powerpoint slides relating to pregnancies in North America; a copy of the draft version 1.1 (14 Oct 04); notice for volunteers. The 2005 memo from SHR reflects the change in the project name: Aromatase Inhibitors for Induction of Ovarian Follicular and Luteal Artesial A Model for Emergency Contraception Development.

20. Single Dose (20 mg) Aromatase Inhibitor (Letrozole) Follicular Phase and Early Luteal Phase Study HCMA Images. – 2009-2011. – digital objects from CD

Relating to Heather Allaway’s MSc.

042 AAM (12 mm follicle)-2011	025 HKR (Control)-2010
041 JAT (18 mm follicle)-2011	024 NED (12 mm follicle)-2010
040 BJG (control – inc)-2011	023 PTF (Post OV group)-2010
039 SLT (Post OV group)-2011	022 KLA (18 mm follicle)-2010
038 AAH (12 mm follicle)-2011	021 MTY (Post OV group)-2010
037 SEHR (Post OV group)-2011	020 SUJ (18 mm follicle)-2010
036 JOH (18 mm follicle)-2011	019 J-Z (Control)-2010
035 EDQ (Control)-2011	018 AVA (12 mm follicle)-2010
034 CPO (Control)-2011	017 TDK (18 mm follicle)-2010
033 SLB (Post OV group)-2010	016 NYM (Control)-2010
032 LJG (18mm follicle)-2010	015 EDD (12 mm follicle)-2010
031 ADL (12 mm follicle)-2010	014 ABD (Post OV group)-2010
030 RKS (Control)-2010	013 RLH (18 mm follicle)-2010
029 SAS (withdrawn)-2010	012 RAM (Control)-2010
028 AAM (12 mm follicle)-2010	011 VLC (Post OV group)-2010
027 EAS (18 mm follicle)-2010	011 NAG (withdrawn)-2009
026 LDM (Post OV group)-2010	010 AJD (extra control)-2009



009 TMG (12 mm follicle)-2009  
008 DEL (Post OV group)-2009  
007 HLS (12 mm follicle)-2009  
006 JNKN (control)-2009  
005 BEA (18 mm follicle)-2009

004 KPJ (Post OV group)-2009  
003 JLC (18 mm follicle)-2009  
003 ADL (withdrawn)-2009  
002 LEB (12 mm follicle)-2009  
001 VMM (Control)-2009

21. Stats. – 1996-2009. – **RESTRICTED.**

Includes material relating to the Reproductive Science and Medicine research symposium (U of S); copies of “Characterization of Ovarian Follicular Wave Dynamics in Women” (Baerwald, Adams, Pierson); “Follicle Selection in Cattle: Follicle Deviation and Codominance within Sequential Waves” (Kulick, Bergfelt, Kot, Ginther); “Selection of the Dominant Follicle in Cattle” (Ginther, Wiltbank, Fricke, Gibbons, Kot); “Effects of a 3-Day Regimen of Letrozole on Ovarian Function in Cattle” (Yapura, Singh, Mapletoft, Pierson, Adams); printouts of statistical data.

22. Team Meeting Notes [Bloski]. – 2006. – **RESTRICTED.**

Notes for MSc Advisory committee; annotated drafts (19 Sep, 26 Sep) for “Aromatase Inhibitors and Folliculogenesis” [later] “Effect of Aromatase Inhibitors on Midluteal Folliculogenesis and Estradiol Production;” etc.

#### **7.4 Research - BOVINE PROJECT / ANIMAL MODEL DATA**

1. Adams Home Directory. – 21 January 1999. – digital objects from CD.  
Adams: folders: 804; ANAND; CWSRB\_FILE; HDF4.1R1; HEIFER5
2. BMRIR1R2. – digital objects from CD.  
Bmrir1r2: folders: REPLICAT; REPLICAT.000
3. Bovine Images – Sticks Filtered. – 2005.  
FOLGEN Sticks Filtered: folder: FOLGEN
4. Bovine Ovary [Ultrasonography]– B1-93-JS. – 1995. - digital objects from CD.  
B1\_93\_js: folders for animals 02, 07, 11, 13, 16, 17, 42, 62, 67, 68, 70, 72  
B1\_93\_js2: folders for animals 01, 05, 06, 08, 09, 12, 14, 15, 31, 49, 64  
Bj\_93\_js3: folders for animals 21, 34, 71, 44, 51, 53, 58, 61.
5. Bovine Ovary Image Analysis – B1-93-JS. – 1997. – digital objects from CD.  
B1\_93\_JS: folders B1\_93AAA; BOVINABI; CL\_CRAAS; LIVE\_ABJ
6. Bovine Ovary MRI – Original Data Sets (Sarty, Adams, Pierson). – June 1997.
7. Bovine Ovary MRI Project - /labor4/Sarty/cow\_ovaries. July 1998. – digital object from CDs.

8. Bovine Ovary MRI Project - /home/Hilton/bovine\_MRI\_/labor 4(5)/bovine\_MRI/Replicat/ JEN. – 1998. – digital objects from CD.
9. Bovine Ovary Project In Vitro Ultrasonography. – 1992. – digital objects from CDs.  
2D and 3D slices.  
Bovinvit: folder: BOVINE\_INVITRO [cows 001-034]  
Bovinvit: folder: BOVINE\_INVITRO [cows 035-073]
10. Bull Testis Project [JP Kastelic]. – 1995. – digital objects from CD.  
BULL\_TESTIS: folders [bulls 33, 83, 101, 111, 113, 129, 130, 151, 159, 161; CASTRARB  
BULL\_TESTIS: folders: 1\_4BRAAB; 1\_4INADQ; 93PTUAED; ANGUSAER; ART; ARTERAFF;  
BRANDAES; PROFILES; file: Z\_DESAAA]
11. Equine Embryo Linear Acquisition – Original Data Sets. – digital objects from CD.  
HORSE\_EMBRYO\_3D: folders: 15; 21AMM; 21MM; 23AMM; 23MM; 43MM; 48MM;  
PREGNAAE
12. Equine Embryo Project – in vitro – 2D and 3D Ultrasonography. – 1999. – digital objects from CD.  
Horse: folder: HORSE\_EMBRYO
13. Equine Embryo 3D. – 2004. – digital objects from CD.  
Equine Embryo 3D: folders: 15; 15.DONE; 21.SAC; 21A; 21AMM; 21MM; 23.SAC;  
23A.DONE; 23AMM; 23MM; 43.DONE; 43MM; 48.DONE; 48MM;  
PREGNANCY\_IMAGES
14. 3D Equine.- 14 December 1998. – digital objects from CD.  
3dequine: folders: 15.DONE; 21.SAC; 21A; 23.SAC; 23A.DONE; 43.DONE; 48.DONE; ILBM
15. Home Directory Subfolpres – Medical Imaging Research Day Bovine MRI directory.  
Hilton: folders BOVINE\_MRI; HILTON
16. IETS. – 1999. – digital objects from CDs.  
[Archive Disk] In\_vivo: folders B6-92-GPA; IN\_VIVO  
lets\_99: folders HEIFER [106, 107, 118, 126, 148, 804, R42]; SLIDES; ppt; word; WPD
17. Image Archive – Oocyte – 3D Bovine Ovary. – digital objects from CD.  
Bovine: folders: 3D\_COW\_OVARY; BOVINE\_OVARY; OOCYTE
18. [Images] - RBAI. – digital objects from CDs. –  
070919\_1632: jpeg: 0009\_400dpi  
070924\_1219: jpeg: 0002; 0006; 0009; 0059
19. Luiz Pfeifer's Project – UBM Ultrasound Images CCO's within the follicles. – digital objects from CD.

UBM: folders: oocytes images; oocytes image analysis; velvo 660 images for analysis

20. LS Projects – Eutheria Foundation – Uterus Movie – Mare. – digital objects from CD.  
My Disc: video clips: Uterus Movie A-D; E-H;  
050801\_1203: video clips: Uterus Movie I-M; N-Q
  
21. Magnetic Resonance Imaging Attributes of the Ovarian Follicle Wall During Development and Regression. – 2000. – digital objects from CD.  
Hiltonjl: folder: HILTON\_BIOL\_REPRO
  
22. Magnetic Resonance Imaging of the Bovine Ovary Project 1997-1998. – digital objects from CD.  
Cows04: folders: 11-26; Y65-RED3  
Cows05: folders: 21BLACK-; 80-36ORA; YELLOW30  
Cows06: folders: B113-B117; 755-NEW; Y149-120  
Cows07: folders: 29; BLACK143; G33-Y39  
Cows08: folders: 14; 57; 171  
Cows09: folders: 153-166
  
23. MRI: Follicles – Dominant and 1<sup>st</sup> Subordinate from Bovine Projecct – 2D and 3D Visualization for Physiological Status – Lisa Ogieglo. – 2000. – textual records.
  
24. Oklahoma State University – Sharla Birch & G Reed Holyoak – NPV Stallion Study. – digital objects from CD.  
030709\_1622: folders: Png Files; Video Recordings; word doc
  
25. [Oklahoma State University] – Sharla Birch – OSU Stallion NPV Study – 50 Stallions. – digital objects from CD.  
060621\_1354: folder: BelTex Images
  
26. Original Data Sets. – 1997. – digital objects from CD.  
[directory: Cow\_Ovaries]
  
27. Ram Testicle Ultrasonography Project. – 1994-1997. – digital objects from CD.  
RAM\_Puberty: 57 files
  
28. Ram Testicle Ultrasonography Project. Puberty Images – 1996. – digital objects from CD.  
RAM\_PUBERTY\_1996: 166 files
  
29. Sheep Folliculogenesis Project – Don Dierschke – University of Wisconsin Sabbatical Project. – 1994. – digital objects from CD.  
Dond: folders: EWE.1X; EWE.2X; EWE.13X; EWE.17X; EWE.25X; EWE.26X; EWE.65X;  
EWE.95X; EWE.148X; EWE.151X; EWE.155X; EWE.187X; EWE.MISC;  
LOST+FOUND

### **7.5 Research - GRADUATE STUDENT PROJECTS**

1. Lauria / Artur / Ramesh. – 1996-1997. – digital objects from CD.
2. J.P. Aravindakshan. – digital objects from CD.  
[Work relating to Gonadotropins and reproductive development in bull calves, see Sp Coll theses Vet Physiol. A738]  
PhD Image Data; N. Rawlings Collaboration.  
jp – 226 MB
3. Angie Baerwald. – digital objects from CD.  
PhD Thesis Data Files. – 2004.  
File folders: Angie\_Summer2002; Control\_Study; OCCStudy; Organon;  
Ortho\_Study; Thesis.
4. Sheela Behl. – 2001. – digital objects from CD.  
File folder: behl
5. Lauria Blackwell. – 1998-1999. – digital objects from CD.  
MSc BioMed Engineering : Optical Breast Shape and Volume Determination.  
Lauria: file folders: CStuff; Images; Printme; Thesis  
Lauria: file folders: Lauria\_P; Lauria\_S  
LAURIA: files, file folders [additions to first?]
6. Natalie Bragg. – digital objects from CD.  
MSc Image Data; C. Card Collaboration.  
Bragg – 587 MB  
Bragg2 – 296 MB
7. Theresa Burns. – digital objects from CD.  
[Work relating to An Investigation of sperm morphology and motility and post-breeding inflammation with respect to fertility of preserved equine semen, see Sp Coll these Vet. Herd med & Therio B897]  
Msc Image data; C. Card collaboration.  
Burns – 150 MB
8. Kate Davies. – 2005. – digital objects from CD.  
[Work relating to Ovarian antral follicular dynamics and regulation in sheep, see eTheses].  
MSc Project; N. Rawlings supervisor.  
Kate Davies – 139 MB

9. Raj Duggavathi. – 2004. – digital objects from CD.  
[Work relating to Dynamics and regulation of ovarian antral follicular waves in sheep (eThesis)].  
Sheep Ovulation Project and Endocrine Project. N. Rawlings supervisor.  
Raj Duggavathi – 347 MB
10. Angela Ferguson. – 2001. – digital objects from CD.  
Ferguson: folders ortho, windows.
11. Salma Hanna. – 2005-2006. – digital objects from CD.  
Post-Doctoral Fellowship.  
PDF and text files from laptop (Salma Hanna 2006 – 106 files).  
Hanna Collab[oration] – 2005. V730\_050121\_1226 – Export  
Hanna Collab[oration] – 2005. V730\_050121\_1228 – Image; Dicomdir; access db
12. Megan Hart. – 1998-1999. – digital objects from CD.  
Breast Ultrasound [replaced by 2<sup>nd</sup> disk]. Drive: breast : file folders 001-059 (incomplete)  
WHIRL 001-99 U/S Echotexture of the Human Breast using the HAAR Wavelet MH-  
RAP.Hart98:  
file folders: PC; SUN  
Hart98: as above [not duplicate?]
13. Jennifer Hilton. – 1999- 2000. – digital objects from CD.  
[Work relating to Magnetic resonance imaging of bovine ovarian follicles during development and regression, see SpColl theses Obs & Gyn H568].  
MSc Research Data: MRI of Bovine Ovaries at Selected Times of the Estrous Cycle.  
Hilton – 578 MB  
AR-02-105: image, postscript files, wpd files
14. Ali Honaramarooz. – 1999. – digital objects from CD.  
[Work relating to Neuroendocrinology of gonadotrophin secretion in prepubertal heifers, see SpColl Theses Vet Phys Sci H65]  
PhD Image Data; N. Rawlings Collaboration.  
Ali – 299 MB
15. Jasraj Project. – digital objects from CD.  
J. Singh supervisor; image only.  
Jasraj – 665 MB
16. Nadia Jilwah. – 2000. – digital objects from CD.  
Preovulatory image analysis and follicle selection.  
Nadia: file folders: PC,, SUN

17. Joel Koehler. – 1999-2000. – digital objects from CD.  
Joel\_rot : file folder Joel  
Joel : file folders, BMP files
  
18. Farshad Maloufi. – 2001. – digital objects from CD.  
[Work relating to An Investigation of Non-Invasive Methods to Identify Mares Susceptible to Endometritis, see SpColl theses Vet Large Anim Clin. Sci M34].  
Caspian1 expl; EXT; fly; grape; maloufi; nsmail; paddy; page; red; season; spider; pilot;  
SETTING; UNTITLED\_MPD – 555 MB  
Caspian2 – FS, PSZ - 419 MB  
Caspian3 – SZ – 512 MB  
Caspian4 – cont - 470 MB
  
19. Jill Newstead. – 2000. – digital objects from CD.  
Newstead research data – 2 disks;  
22 Feb 2000, Aug 2000 both under newstead.
  
20. Lissa Ogieglo. – 2001.  
Ogieglo1: 30 files; multiple formats  
Ogieglo2: 10 file folders  
Ogieglo3: windows file folder  
Lissa Ogieglo 2001: 39 files – see also ogieglo1  
Lissa's CD : folgencl: 59 files (001-073; special; cycles; etc.
  
21. Kim Sass. – 2001-2002. – digital objects from CD.  
Sass: 18 files : image analysis of major follicles during human ovarian cycle  
Saskk: follicular powerpoint presentation
  
22. Rita Vassena. – 2000, 2001. – digital objects from CD.  
[Work relating to Developmental Competence of Bovine Oocytes: Follicular Status and Ultrasound Image Characteristics, see Sp Coll theses Vet Med V38].  
Rita2000 – 208 MB  
Vassena – 329 MB
  
23. Randy Walker. – 2002. – digital objects from CD.  
Human corpus luteum studies: folliculogenesis.  
Walker: file folder CL  
Walker2: file folder CL
  
24. Lara Zaluski. – 2001. – digital objects from CD.

## **7.6 Research - HUMAN EMBRYO**

1. Human Embryo 3D Human Embryo ATL HDI Ultrasonography. – digital objects from CD.  
3dhuman: file folder: 3D\_Embryo\_Human – 1999.
2. Human Embryo – Embryo 3D Slices – 2D & 3D Ultrasonography. – digital objects from CD.  
Embryo: file folders: embryo, embryo\_3D – 1999.
3. Human Embryo 2D& 3D. – digital objects from CD.  
Human Embryo 2D\_3D: folders: 3D\_Embryo\_Human, Fetal\_Anomalies – 2004 [dup]

### **7.7 Research - HUMAN FETAL ANOMALIES**

1. Human Fetal Anomalies – 3D Ultrasonography Project – Baerg. – 1997. – digital objects from CD.  
BAERG: 581 files.
2. Human Fetal Anomalies – 3D Ultrasonography Project – Wahella & Kirby. – 1 May 1997. – digital objects from CD.  
3D\_FETAL\_ANOMALIES: 3D\_FETAL\_ANOMALIES, KIRBY, WAHELLA [available as disc image]
3. Fetal Anomalies – Human Fetuses – 3D Data Sets. – June 2000. – digital objects from CD.  
Us\_image: file folder: Fetal\_anomalies : folders Kirby, Wah.
4. 3D Human. – 1998. – digital objects from CD.  
3dhuman: file folders Baerg, Clark, Ilbm, Kirby, Wahella.

### **7.8 Research - HUMAN FOLLICULOGENESIS**

1. BSC Honor Project – Image Analysis of Major Follicles During Human Ovarian Cycle – Kim Sass. – 2001-2002 digital objects (from CD).  
Sass: folders; BMP files; lineanalysis files
2. CFAS 2000 – Angie Hess. – digital objects from CD.  
cfas2000: ppt [Wave Patterns in Human Folliculogenesis; Ultrasonographic Image Analysis of Dominance in Human Folliculogenesis]
3. Folliculogenesis Image Database Natural Cycle Study. – 1998-2001. – digital objects from CD  
Folgen1: folders for patients 001-008  
Folgen2: folders for patients 009-018  
Folgen3: folders for patients 019-029 [missing: 020 – see below]  
Folgen4: folders for patients 027-034  
Folgen5: folders for patients 035-042 [missing: 041 – see below]  
Folgen6: folders for patients 041-049 [missing: 042 – see above]  
Folgen7: folders for patients 050-058

Folgen8: folders for patients 059-064  
Folgen9: folders for patients 065-071  
Folgen10: folders for patients 020, 072, 073; DUMP file.

4. Folliculogenesis Natural Cycle Study.  
Relating to CIHR grant, Baerwald and Pierson  
K3b data project: folder: FOLGEN; file: FOLGEN\_272  
Patients 001—073; images and database dump.
  5. Human Corpus Luteum Studies – Randy Walker. – 2002. – digital objects from CD.  
See also above, Graduate Student Projects [duplicate?]  
Disc 1: walker: folder CL  
Disc 2: walker2: folder CL
  6. Michelle Kadash – NV Follicles; OCCS Follicles; Follicle Number – Images Only. – digital objects from CD.  
Kadash: folders: FOLGEN; FOLLICLE\_NUMBER; NCFOLLS; OCCS
  7. Ovarian Follicular Dynamics – Follicle Image Analysis – Michelle Kadash. – 2004. – 2 folders.  
Folder 2: FOL Analysis Stat.”
  8. Ovarian Folliculogenesis Study (WHIRL) – Notebook. – [ca. 2003].
  9. [Lab Notebook]. – 2003-2004.
  10. Follicle Image Analysis – Lab Notebook. – 2003-2004.
  11. Human Ovulation – Image Analysis – Lissa Ogieglo. – [ca. 2003].
- Box 16**
12. Ovulation Research Project – Volunteer Data. – 1993. – **RESTRICTED**.  
Calendar.
  13. Michelle Hanna – MSc Thesis. – 1996-1998, 2000. – digital objects from CD.  
Sun Home Directory – Human Ovulation.  
Hanna: file folders (7)  
MSc – Final Disc.  
Hanna: \_DD files; FRIE2; word
  14. Folliculogenesis Image Database Natural Cycle Study. – 1998-.  
Baerwald / Pierson project funded through CIHR.



15. Printed Image Data. – 2006. - 5 folders.

Folder 1: Ovaries with dominant follicle; Normal ovaries; CL

Folder 2: Peripheral follicle distribution.

Folder 3: 'Shotgun' follicle distribution; Combined shotgun / peripheral.

Folder 4: Small thin ovaries; Thin, flattened ovaries plus peripheral follicle distribution.

Folder 5: Large stroma-to-follicle ratio.

### **7.9 Research - HUMAN OVARY MRI PROJECT**

*Note on born digital material: data for the in vivo MRI ovarian study are organized into directories according to subject number. Each directory contains the original binary file from the MRI: these are \*.ima files. The original data have been converted to pgm ASCII format; these are the \*pure.pgm files. The original data files are numbered as patientid-series-image no.ima To maintain compatibility...the new images are numbered simply with the imageno. See below, note on file formats.*

1. Human Ovary MRI Project – Note on file formats. – 2000. – textual records.
2. Human Ovary MRI Project – Pelvic Coil vs Transvaginal Coil. – 2000. – digital: from CD
  - Ovary 01: file folders: 1001, 1002, 1003, image.
  - Ovary 02: file folders: 1004, 1005
  - Ovary\_03: file folders: 1006, 1007, 1008
  - Ovary\_04: file folders: 1009, 1010
3. MRI Ovarian Mass Study. – 1995-1999. – digital: from CD
  - MRI Ovarian Mass Study – Women 01 – untitled: file folders (20) – 478 KB
  - Women 02 – women02: file folders [11 – dates]
  - Women 03 – untitled: file folders [9 – dates]

### **7.10 Research - Human Ovulation**

1. Human Ovulation. – 35 VHS tapes. – **RESTRICTED.**  
These tapes are the first images of human ovulation captured on tape.  
**Box 16:** 13 tapes (identifiers 90- )  
**Box 17** – 22 tapes (identifiers 91- , 92- etc).

**Box 18**

2. Human Ovulation. – digital objects: from DVD.
3. Ovulation Masters. – digital objects: from 5 CDs
4. 3D EcoTexture of the Follicle Walls During Human Ovulation. – 1998-1999. – digital object from CD.  
Chantelle Benneto BSc Honours Project.

### **7.11 Research - CARMEN MIRCEA RESEARCH DATA** – digital objects from CDs

1. Ultrasound Biomicroscopy – Mouse Ovary Project. – digital objects from CD.
  - No. 1 - ROXIO32 – video clips: C1M6; C2M2; C2M6; C2M9; C3M6; C3M7; C3M9
  - No. 4 – ROXIO49 – file folders: C1M4; C2M7; C3M2; C3M5; C3M10
  - No. 4? [damaged?]
  - Carmen 3 – ROXIO5 – file folders: C1-2006-CM\_Cage 2, Mouse3\_2006-08-09  
M2-2006-CM\_Cage 1, Mouse 9\_2006-08-08
  - No. 3 – ROXIO34 – file folders, BMP: C1M5; C1M8; C1M9; C1M10; C2M3; C2M4; C3M1;  
C3M8; C3M6
  - No. 2 – ROXIO33 – file folders: C1M3; C1M7; C2M1; C2M5; C2M8; C2M10; C3M3; C3M4
  - Carmen 2 – ROXIO4 – file folders: Carmen\_CD-1 Mice\_Cage1, Mouse1\_2006-0803  
M1-2006-CMCage 2, Mouse7\_2006-08-06  
M1-2006-CM-cage 3, mouse 2\_2006-08-07  
M1-2006-CM-Cage 3, Mouse 4\_2006-08-04  
M1-2006-CM-Cage 3, Mouse 8\_2006-08-08  
M1-2006-CM-Cage1, Mouse 2\_2006-08-04  
M1-2006-CM\_Cage 3, Mouse 5\_2006-08-08
  - Mouse Ovaries I + II – Mouse Ovary Histological Slides – file folders: OVARIESI; OVARIESII  
Image, Manual, Instructions: NEW – file folder, Word, PDF; application: New folder;  
follicle counting and ovarian volume using ImageJ (Feb 2006);  
WCIF\_ImageJ\_Manual; WCIF\_ImageJ\_setup
  - Mouse Ovaries III + IV – Mouse Ovary Histological Slides – file folders: OVARIESIII;  
OVARIESIV
  - Carmen 4 – ROXIO6 – file folder: M1-2006-CM\_Cage1, Mouse7\_2006-08-10
  - Carmen 1 – C1M1 Aug 03 – 060803\_1714 – file folder: M1-2006-CM\_Cage 1, Mouse  
1\_2006-08-03

### **7.12 Research - MONKEY PROJECT**

1. Follicle and CL Size Videotape Logs. – 1991.
2. Follicular Fluid Spot Intensity. – nd, 1994, 2001-2006.  
Includes reviewer comments; charts; copy of “Developing a model of nutritional amenorrhea in rhesus monkeys” (Lujan, Krzemien, Reid, van Vugt).
3. Monkey Data. – 1973, 1987, 1991-1992, 2006.  
Follicle, CL dynamics; uterus echotexture; endocrine measurements. Includes a copy of “Uterine Contractions in Normal Cycling Rhesus Monkeys as Determined by Ultrasonography” (Wilke); “On the Regulation of the Primate Corpus Luteum” (Knobil); “Evaluation of Ultrasonography for Monitoring Follicular Growth in Rhesus Monkeys” (Morgan, Hutz, Kraus, Cormie, Dierschke, Bavister); “Ultrasonographic Assessment of the Endometrium in Rhesus Monkeys during the Normal Menstrual Cycle” (Morgan,

Hutz, Kraus, Bavister, and Cormie). Also includes summary notes made in 2006.  
Coloured file folder found inside the binder has been retained with material left inside as found.

4. Notebook.
5. Rhesus Monkey Folliculogenesis Project. – 1 CD.  
Adams, Dierschke, and Pierson.

### **7.13 Research - PHARMA / ORAL CONTRACEPTIVES RESEARCH**

1. Ares-Serono 21321 – Abstract + Manuscripts. – 2002-2011. – **RESTRICTED**.  
Authorship agreement; presentation relating to r-hLH study.
2. BIONICHE. – 2006.
3. EFFORT. – 2009. – **RESTRICTED**.  
Effect of Oxytocin Antagonist on Reduction of Uterine Contractions.
4. EVRA – Draft Report. – 1999. – **RETRICTED**.
5. Imaging... [ENDO OCCS – Kadash].  
[3D follicle analysis?] – notes and 4 pages of 3D graphs.
6. Janssen-Ortho Canada, Inc. – 2000-2002.  
Correspondence requesting use of slides.
7. Janssen-Ortho Canada, Inc. – TA Clinic Project. – 2000-2002.  
Correspondence.
8. MEGASET. – 2008-2009. – **RESTRICTED**. – 2 folders.  
Menopur in GnRH Antagonist Cycles with Single Embryo Transfer.  
Folder 1: clinical trial protocol working draft 01  
Folder 2: clinical trial protocol version 1.0.
9. [NRGEEP-CONT-008] – EVRA Advisory Meeting. – 2000. – digital objects (from CD).  
Priortho: file: OCP\_SCIENCE\_VERSION\_13\_JUN\_2000 [see also above, Ac-Gen –  
Presentations – Hormonal contraception]  
Ppt: OP112\_PIERSON
10. [NRGEEP-CONT-008] – EVRA Presentation. – 25 March 2002. - digital objects from CD.  
Evra: ppt: EVRA\_JOI\_Toronto\_Mar\_02
11. [NRGEEP-CONT-008] – Janssen-Ortho – Follicle Analysis – Michelle Kadash. – nd, 2003.

12. [NRGEEP-CONT-008] – Janssen-Ortho – [Lab Notebook]. – **RESTRICTED**.
13. NRGEEP-CONT-008 – Ortho PRI. – digital objects from CD.  
Images and database dump.  
Ovarian Suppression: folders: patients 001; 0001; 1026-1030; 1032; 1034;; 1035; 1066-1075; 1121-1125; 1131-1133; 1135;  
File: OVARIANSUPPRESSION\_279.
14. [NRGEEP-CONT-008 – Phase 2] Johnson & Johnson JOI. – 2000-2002. – **RESTRICTED**.  
Clinical study report; contract; printouts of powerpoints slides: “Efficacy of the Contraceptive Patch” (Pierson); “Clinical Pharmacokinetics of the Transdermal Hormonal Contraceptive” (Abrams); “EVRA Transdermal Contraceptive Systems Results Meeting.”
15. [NRGEEP-CONT-008] – SOGC Presentation Contraceptive Patch. – digital objects from CD.  
020716\_0940: ppt: Evra Final Intro. Concl. Slides – Bob Reid... ;  
Pierson\_Presentation\_Final june 19 – JOI...
16. OCCS Images and Data – Ovarian Suppression with OC at Defined Follicle Diameters – Angie Baerwald. – 2003. – digital objects from CD.  
Occs: folder: occs  
DUMP file: occs.dump
17. Oral Contraceptive Challenge Study – Follicular Dynamics – Image Analyses. – 2003.  
Lab notebook.
18. Oral Contraceptive Challenge Study – Follicular Dynamics Image Analyses – Michelle Kadash. – 2002.
- Box 19**
19. [Oral Contraceptives – Reference]. – 2005-2013.  
Includes “Missed contraceptive pills and the critical pill-free interval” (Mansour and Fraser); “Ovulation incidence with oral contraceptives: a literature review” (Milson, Korver); “Skin patch and vaginal ring versus combined oral contraceptives for contraception – Review” (Lopez, Grimes, Stockton, Schulz).
20. Organon. – 2007. – **RESTRICTED**.  
Speaker agreement.
21. Organon Images and Data – Follicle Development in Women Using 1 of 3 Oral Contraceptives. – Disk 1. – 2003. – digital objects from CD.  
Organon: folders: 001-025  
DUMP file: organon.dump

22. Organon Images and Data – Follicle Development in Women Using 1 of 3 Oral Contraceptives. – Disk 2. – 2003. – digital objects from CD.  
Organon: folders: 026-030; 032-042  
DUMP file: organon.dump
23. Organon Ovarian Suppression Study. – 2002.  
Cover page and three pages of data (graphs) only.
24. Organon – Research File. – 2003.  
Abstract and printout of powerpoint slides.
25. Ovarian Follicle Dynamics During and Following Discontinuation of Conventional vs Continuous OC – Data Analysis. – 2004-2005.
26. Ovarian Suppression – Images and Data – Disk 1. – 2003. – digital objects from CD.  
Ortho: files: 001; 0001; 1026-1030; 1032; 1034; 1035; 1066; 1067  
DUMP file: ovarianSuppression  
Note: DUMP file standard across 4 disks
27. Ovarian Suppression – Images and Data – Disk 2. – 2003. – digital objects from CD.  
Ortho: files: 1068-1075  
DUMP file: ovarianSuppression
28. Ovarian Suppression – Images and Data – Disk 3. – 2003. – digital objects from CD.  
Ortho: files: 1121-1125; 1131; 1132  
DUMP file: ovarianSuppression
29. Ovarian Suppression – Images and Data – Disk 4. – 2003. – digital objects from CD.  
Ortho: files: 1133, 1135  
DUMP file: ovarianSuppression
30. Ovarian Suppression with Oral Contraceptives – Data Analyses. – Angie Baerwald. – nd, 2003. - 2 folders. - **RESTRICTED.**  
Folder 1: - Data. – RESTRICTED.  
Folder 2: file within binder: Organon – OC Study. Includes SOGC abstract, printout of powerpoint slides (presentation at Life Sciences research day) “Ovarian Follicular Development during the use of oral contraception.”
31. PRI Ortho – Correspondence. – 2000.
32. PRI Ortho – Research Reports. – 2000.  
Printout of powerpoint slides.

33. Rebecca Andrew (Birtch) – MSC Research Files. – 2005. – digital objects from CD.  
Rebecca Andrew: folder: ANDREW
34. Rebecca L. Birtch – Windows Directory – MSc Thesis – files. – 2005. – digital objects from CD.  
Andrew 2002-2005: folder: WINDOWS
35. Recombinant Human Luteinising Hormone (r-hLH, LHadi) – Clinical Study Protocol. – 1999. – **RESTRICTED.**
36. Recombinant Human Luteinising Hormone (r-hLH, LHadi) – Documents. – 1999-2001. – **RETRICTED.**  
Protocol amendments; letter of indemnification and letter of agreement for clinical trial.
37. Recombinant Human Luteinising Hormone (r-hLH, LHadi) – Integrated Clinical and Statistical Report. – 2002. – **RESTRICTED.**
38. [Recombinant Human Luteinising Hormone (r-hLH, LHadi)] – LHadi Images and Data. – 2000-2003. – 3 CDs. – **RESTRICTED.**  
Recombinant LH in ovulation induction; follicle and ovulation image data.
39. [Reference Material]. – 1995, 1998, 2007.  
Copies of “The Canadian Contraception Study,” Journal of the Society of Obstetricians and Gynaecologists of Canada; “Canadian Consensus Guideline on Continuous and Extended Hormonal Contraception, 2007” Journal of Obstetrics and Gynaecology Canada, vol. 29 no. 7; “Embryo transfer – can we learn anything new from the observation of junctional zone contractions?” (Lesny, Killick, Tetlow, Robinson and Maguiness), Human Reproduction vol. 13 no. 6.
40. RW Johnson Pharmaceutical Research Institute. – 2000.
41. Wyeth Pharmaceuticals. – 2003, 2005.
42. Wyeth Research. – 2004, 2006. - **RESTRICTED.**

#### **7.14 Research - POLYCYSTIC OVARY SYNDROME (PCOS)**

1. PCOS Study - Drive Organization. – textual records.
2. Hand Scans. – nd, 2008.  
Comparative data sheets; scans.
3. Inter / Intra FL Study. – [ca. 2009].

Draft, "An evaluation of intra- and inter-observer reliability when determining digit ratios (2D:4D) by real time, photocopy and scanned images" (Bloski, Allaway, Pierson, Lujan).

4. Marla [Lujan's] Study. – nd, 2007-2008.  
Includes "Ultrasonographic identification of polycystic ovaries: improving inter-observer variability in the diagnosis of polycystic ovary syndrome (PCOS) and implications for early intervention;" instructions; notes; powerpoint slides; abstract for "Evaluation of intra and inter-observer variability of digit ratios: Direct vs scanned images of me and women's digits;" etc.
5. PCOS and Finger Lengths. – [ca. 2007-2008].  
"Digit ratios as anatomical evidence of prenatal androgen exposure in women with polycystic ovary syndrome" (Bloski, Lujan, Chizen, Pierson). Includes data; annotated draft of paper; materials relating to CFAS conference; "An evaluation of the phenotypic spectrum of 100 consecutive women presenting with features of polycystic ovary syndrome" (Lujan, Pierson, Chizen).
6. Photocopies of Hands.

**Box 20**

7. Untitled [Digit Ratios (2D:4D) Determined by Computer-Assisted Analysis are More Reliable than those Using Physical Measurements, Photocopies, and Printed Scans]. – 2009. – 2 folders.  
Annotated page proofs; early drafts; data. American Journal of Human Biology.
8. Untitled [PCOS and Finger Lengths]. – 2007-2008. – textual records, 2 CDs. – **RESTRICTED**.  
Correspondence, notes, data; interobserver study #2 PCO Cases 1-23; 24-30.

**9. [Digital – PCOS Scans] – 2007-2008. – may be duplicate: see PCOS drive**

SONIX Media

126-DKR– 11 May 2008	117-BJJ – 11 April 2008
125-CMK– 11 May 2008	116-MAW – 11 May 2008
124-CRR – 20 May 2008	116-MAW – 11 April 2008
124-CRR – 11 May 2008	115-KAH – 11 April 2008
123-JAL- 11 May 2008	114-KEH – 11 April 2008
122-NMO– 30 Apr 2008	113-RDP – 11 May 2008
121-ARC – 11 April 2008	112-KES – 11 April 2008
120-ARA – 11 May 2008	111.AIW – 16 Feb 2008
121-ARC– 11 May 2008	110-JRP – 11 April 2008
119-SJB– 30 April 2008	109-KDF – 17 Feb 2008
118-TLA – 12 May 2008	108-TML – 17 Feb 2008
118-TLA– 11 April 2008	107-KES – 12 May 2008
117-BJJ– 11 May 2008	107-KES – 17 Feb 2008

106-MDF – 12 May 2008	084-KDF – 16 July 2007
106-MDF – 17 Feb 2008	083-CEN – 13 July 2007
106-MDK – 4 Feb 2008	083-CEN – 16 July 2007
105-KDT – 17 Feb 2008	082-ANG – 16 July 2007
104-RLB – 12 May 2008	081-SGL – 16 July 2007
104-RLB – 16 Feb 2008	080-MDN – 16 July 2007
103-SRV – 16 Feb 2008	079-CLS – 4 Feb 2008
102-SMK – 16 Feb 2008	079-CLS – 16 July 2007
101-TYG – 16 Feb 2008	078-CAL – 16 July 2007
100-MMC – 16 Feb 2008	077-KCG – nd
099-ANN – 16 Feb 2008	076-KMB – 16 July 2007
098-KBA – 16 Feb 2008	075-SAP – 16 July 2007
097-ACS – 16 Feb 2008	074-LJH – 16 July 2007
096-DMG – 9 Jan 2008	073-CDF – 16 July 2007
096-DMG – 15 Feb 2008	072-DIE – 16 July 2007
095-TMH – 9 Jan 2008	071-NMK – 27 Apr 2007
095-TMH – 16 Feb 2008	066-LMM – 6 Feb 2007
094-ADM – 16 Feb 2008	066-LMM – 16 July 2007
094-ADM – 15 Feb 2008	062-CJA – 27 April 2007
092-CDB – 16 Feb 2008	062-CJA – 13 July 2007
091-MCW – 4 Feb 2008	127-JLK – 18 June 2008
091-MCW – 4 Feb 2008	041-WDS – 18 June 2008
090-CMG – 16 Feb 2008	068-JCA – 18 June 2008
090-CMG – 10 Jan 2008	040-SLP – 18 June 2008
089-SAF – 4 Feb 2008	042-SDL – 18 June 2008
088-JEB – 16 Feb 2008	017 VMM – 18 June 2008
087-EDK – 16 Feb 2008	121-ARC – 18 June 2008
086-AKG – 4 Feb 2008	108-TML – 18 June 2008
086-AKG – 16 July 2007	123-JAL – 18 June 2008
085-YCH – 16 July 2007	109-KDF – 18 June 2008
084-KDF – 16 Feb 2008	125-CMK – 18 June 2008

### **Series 8: RESEARCH GRANTS**

1. CIHR – [Letters of Support]. – 2007-2008.
2. AARI – Ultrasonographic features of the reproductive system of bulls in relationship to semen quality & histology. – 2001. – **RESTRICTED.**
3. Abbott laboratories. – 1994.
4. Abbott Educational and Research Foundation Inc. – Evaluation of Oocyte Quality. – 1993.



5. ADF Research Grant – Innovative Methods of Controlling Reproduction in Mammals. – 1993-2002. – **RESTRICTED.**  
Includes strategic research program 5 year report and proposal; various memoranda; etc.
6. ADF – Ultrasonographic features of the testis, epididymis & accessory sex glands of bulls in relationship to semen quality & histology. – 2001.
7. ADF – Agricultural Development Fund – Barth collaboration. – 1999.
8. Area XII: Animal Reproduction – Reproductive Efficiency in Livestock – Agriculture Development Fund. – 1999.
9. Agri-Food Innovation Fund Proposals – Reproductive Biology Research Group. – 1996. – **RESTRICTED.**
10. Advanced Technology Laboratories (ATL). – 1992-1999.
11. CBRC: 1994 Research Grant – Three-Dimensional Ultrasound Imaging of Bull Testes. – 1994-1996 - **RESTRICTED.**
12. CBRC: 1994 Research Grants – Early prediction of puberty and reproductive potential in bulls. – 1994. – **RESTRICTED.**
13. Dr. Rudy Bowen et al. – Mood Variability During the Menstrual Cycle. – nd.
14. Centers of Excellence. – 1994-1995. – **RESTRICTED.**
15. CFI – USR-net. – 2001-2002.
16. CFI 1997 – Veterinary MRI. – 1997.
17. Visible Embryo Project. – 1997. – **RESTRICTED.**
18. Burroughs Wellcome Fund – Interfaces between the Physical / Chemical / Computational Science and the Biological Sciences Program. – 1997-1998.
19. Improved Characterization of Fetal Craniofacial Abnormalities – Children’s Health Research Trust Fund. – 1997-1999.
20. CFLRI: 1995 Research Grant – Effect of exercise in human breast milk fatty acid composition and serum hormones. – 1995.

21. CIHR – Molecular determination of oocyte competence: A unique model for identifying markers of follicular status and oocyte quality. – 2005. – **RESTRICTED.**
22. College of Medicine – The effects of ibuprofen on ovulation in women of reproductive age. – 2001.
23. Ultrasonographic Tissue Characterization of the Human Breast – Clinical Teaching and Research Grant Proposal. – 1997. – **RESTRICTED.**
24. Research Proposal: Immunoreactive and bioactive follicle-stimulating hormone levels in women undergoing superovulation with exogenous gonadotropins. – 1994.
25. Polycystic Ovary Syndrome Project Resulin. – Note: file empty.
26. Canadian Light Source – Proposal: Development of a BioMedical Imaging Beamline at the Canadian Light Source. – 2002. – **RESTRICTED.**
27. HSURC – Development of an Ovine Model for the Study of Ovarian & Endocrine Function in Women. – 2001. – **RESTRICTED.**
28. March of Dimes. – 1997-1998.
29. CIHR – Strategic Training Program. – 2002.
30. CIHR – Effect of combined exercise therapy and phytoestrogen supplementation on prevention of osteoporosis. – 2001-2004.

**Box 21**

31. CIHR – Ovarian folliculogenesis and atresia during spontaneous menstrual cycles and under the suppressive effects of oral contraception. – 2001. – **RESTRICTED.**
32. CIHR – Senior Investigator Award. – 2001-2002. – **RESTRICTED.**
33. CIHR – A bovine model for the study of male factor infertility in humans. – 2001.
34. Human Follicle Population Dynamics – MRC Operating Grant. – 1995-1999. – **RESTRICTED.**
35. MRC: 1988 Development / Operating – Human Ovarian Follicular Population Dynamics. – 1988-1995. – **RESTRICTED.**
36. MRC: 1991 Operating Grant: Human Ovarian Follicular Dynamics. – 1991-1995. – **RESTRICTED.**
37. MRC Grant: Human Ovarian Follicular Dynamics. – 2000. – **RESTRICTED.**

38. NCE 2002 – Reproductive Health Sciences. – 2002. – 2 folders. – **RESTRICTED**.  
Folder 2 contains minutes of meetings.
39. A Multi-Centre Study of Adverse Reproductive Outcomes. – 1993-1995.
40. NCIC: 1995 Research Grant – Early diagnosis and improved management using non-invasive magnetic resonance and ultrasonographic imaging. – 1995.
41. Ovulation-Inducing Agents and the Risk of Ovarian Cancer – NHRDP Research Grant. – 1994-1995. – **RESTRICTED**.
42. NSERC – Guidelines for Preparation & Review of Applications in Interdisciplinary Research. – 2004.  
Information on grant.
43. NSERC – Brockhouse Canada Prize. – 2004.  
Information on grant.
44. NSERC – Development of Farm Animal Models for Ovarian Function in Women. – 2004. – **RESTRICTED**.
45. An Ovine and Bovine Model for the Development of Improved Methods for Contraception and Treatment of Infertility in Women – A proposed Collaborative Health Research Project. – 2002.
46. NSERC – Establishment of a Magnetic Resonance Imaging Research Program. – 2002. – **RESTRICTED**. – 2 folders.
47. NSERC – Strategic Grant Information. – 1989-1993.
48. Three-Dimensional Ultrasound Imaging – NSERC 1994 Strategic Grant. – 1994. – **RESTRICTED**.
49. NSERC – 1994 Research Grant – Hormonal regulation of gonadotropins bioactivity. – 1994.
50. NSERC -1993 Strategic Grant – Manipulation of Ovarian Follicular Development in Cattle. – 1993-1997. – **RESTRICTED**.
- Box 22**
51. NSERC – 1993 Strategic Grant – Three-Dimensional Ultrasound Imaging. – 1993. – **RESTRICTED**.
52. NSERC – 1993 Research Gant – Oocyte Competence: Influence of sexual maturity and follicular status in cattle. – 1993. – **RESTRICTED**.
53. Organon – Follicular profiles during ovarian suppression with low-dose oral contraceptives. – 2001.

54. Organon. -1997-1998.  
Includes copy of "The effects of monophasic and triphasic oral contraceptives on ovarian function and endometrial thickness" (Rabe, Nitsche, Runnebaum).
55. Follicular Profiles During Ovarian Suppression with Oral Contraceptives. – 2000.
56. Organon – Research File. – 1998.
57. PCO Study. – 1996.
58. Pediatrics – Intrauterine Antecedents of Inflammatory-Mediated Disease. – 2006.
59. Pharmaceutical Research Institute (PRI). – 1998-1999. – RESTRICTED.
60. Hormonal Contraception Research Project. – Note: file empty.
61. Janssen-Ortho. – 1994-1998. – RESTRICTED.
62. Cyclen Project. – 1997. – RESTRICTED.
63. Tri-Cyclen versus Tri-Phasil Project. – 1998. – RESTRICTED.
64. Ortho Pharmaceutical. – 1992-1993, 1998.
65. VetrePharm. – Note: file empty.
66. University Publication Fund Award – "The Use of Ultrasonography in the Evaluation and Treatment of Infertility." – 2002.
67. Memorandums. – 1992, 1997, 1999.
68. Reproductive Toxicology Program Initiative. – 1996
69. Reproductive Toxicology Research Program. – 1996-1997.  
Includes copy of the Saskatoon Toxicology Group Annual Report, 1995-96.
70. Reproductive Toxicology – Turkish Women Toxic Exposure Project. – 1994.  
Copy of technical manual for ultrasound scanner.
71. SDH – 1996 Research Grant – Laparoscopic Salpingostomy versus Methotrexate for Tubal Pregonancy. – 1996.
72. SDHB – Minimizing Invasive Approaches to Infertility Treatment. – 1997. – **RESTRICTED.**

73. SDHB – In Vitro Maturation of Human Oocytes to Reduce. – 1997-1998. – **RESTRICTED.**
  74. SDHB – Equipment Proposals. – 1997.
  75. Serono – Letters. – 1997. – **RESTRICTED.**
  76. Serono Research. – 1998. – **RESTRICTED.**
  77. Serono Canada, Incorporated. – 1989-1995.
  78. Serono Canada INC. – Fates of Individual Follicles during Introduction of Ovulation with Human Menopausal Gonadotrophins. – 1992-1995.
  79. SOLVAY Pharmaceuticals – Comparison of Multiple Doses of Esterfied Estrogens. – 2005. – **RESTRICTED.** – 2 folders.
  80. Saskatchewan Health Utilization and Research Commission. – 1994.
  81. SHRB General Information. – 1991, 1993.
  82. [CIHR] STIRRHS – Strategic Training Initiative in Research in the Reproductive Health Sciences. – 2001-2002. – 2 folders.
  83. Sterling Winthrop – A Comparison between Continuous and Luteal Phase Danazol in the Treatment of Premenstrual Syndrome. – [1993].
  84. RS&M Development Grant – Renewal. - 2006.
  85. Adipokine Regulation of Ovarian Function. – 2006.
- Box 23**
86. Sask-SIRH RPP Grant – Human Ovarian Functional Dynamics: Elucidating Follicle Waves. – 2008. – **RESTRICTED.**
  87. PMS Study Bowen Collaborators. – 2008-2009.
  88. Taking Control of PCOS: Strategies to Improve Health. – 2009. - **RESTRICTED.**
  89. CCA / NSERC – Resonating Reproduction: Music from the Womb. – 2008. – **RESTRICTED.**
  90. CHIZEN, Donna – College of Medicine Clinical Teaching and Research Grant. – 2004.
  91. CASE, Allison – College of Medicine Clinical Teaching and Research Grant. – 2004.

92. Ethics and Grants. – 2008-2011.
93. Pierson / Chizen / ADE. – 2011.
94. Tri-Council 2005-2006 – Year End Statements. – 2006.
95. Ultrasound Lab.
96. [Loose Material – Untitled].
97. CIHR Grants. – 2001-2003. – digital objects from CD.

### **Series 9: THESES**

Note: those theses identified with an asterisk are physically within this fonds; most from the University of Saskatchewan can be accessed through the University Archives & Special Collections. Call numbers are provided in those instances.

#### **Grad Student Theses – University of Saskatchewan.**

Baerwald, Angela. Human ovarian follicular dynamics during natural menstrual cycles and oral contraception cycles. – 2003.

See SpColl Theses – Obs & Gyn B33.

Barrett, David. An investigation of conventional oestrous synchronization techniques in the ewe. – 2002.

See SpColl Theses – Vet Biomed Sci B2774

Bartlewski, Pawel. Ovarian follicular dynamics during anoestrus in ewes. – 1997.

See SpColl Theses – Vet. Physiol. Sci. B2785

Behl, Sheela. Quantitative echotextural analysis of ultrasonographic breast tissue images. – 2000.

See SpColl Theses, Biomed. Engin. B445

Bian, Na. Evaluation of texture features for analysis of ovarian follicular development. – 2005.

Electronic version available through Library catalogue.

Birtch, Rebecca. Image analysis of dominant ovarian follicles and ovarian follicular development during continuous and conventional oral contraceptive dosing schemes. – 2005.

Electronic version available through Library catalogue.

Bó, Gabriel. Effects of exogenous estradiol on bovine ovarian follicular dynamics. – 1995.

See SpColl Theses – Vet Herd Med & Therio B6

- Bogle, Orleigh. Interspecies comparison of the effect of ovulation-inducing factor (OIF) in seminal plasma. – 2009.  
Electronic version available through Library catalogue.
- Braileanu, Gheorghe. The development of chimeric gonadotropin bioassays. – 1997.  
See SpColl Theses – Obs & Gy B725
- Brogliatti, Guillermo. Ultrasound-guided transvaginal follicle aspiration in prepubertal calves. – 1996.  
See SpColl Theses – Vet Anat. B765
- Chandolia, Ramesh. Early Gonadotropin Secretion and Sexual Maturation in Bull Calves and Ram Lambs. – 1996.  
See SpColl Theses – Vet Physiol. Sci. C467
- Colazo, Marcos. The effects of dose and route of administration of prostaglandin in cattle. – 2002.  
See SpColl Theses – Vet. Herd Med. & Therio C6539
- Colazo, Marcos. Use of steroid hormones or GnRH to synchronize and resynchronize follicular wave emergence, estrus, and ovulation in cattle. – 2005.  
Electronic version available through Library catalogue.
- Dong, Meng. Texture analysis of corpora lutea in ultrasonographic ovarian images using genetic programming and rotation invariant local binary patterns. – 2011.  
Electronic version available through Library catalogue.
- Duggavathi, Rajesha. Dynamics and regulation of ovarian antral follicular waves in sheep. – 2004.  
Electronic version available through Library catalogue.
- Evans, Alexander. Physiology of Sexual Maturation in Heifers. – 1993.  
See SpColl Theses – Vet Physiol. Sci. E94
- Furlan, Michael. Cloning and expression of equine follicle stimulating hormone. – 2003.  
See SpColl Theses – Obs & Gyn F87
- Gillio Meina, Carolina. Generation and characterization of stable cell lines of porcine granulosa origin. – 1999.  
See SpColl Theses – Obs & Gyn G5665.
- Goubau, Sabine. Gonadotropin-releasing hormone (GnRH) and insulin-like growth factor-I (IGF-I) gene expression in the rodent ovary. – 1995.  
See SpColl Theses – Obs & Gy G69
- Hanna, Michelle. Quantitative analysis of human ovulation. – 1998.  
See SpColl Theses – Obs & Gyn H2662

Harrington, Na. Segmentation of human ovarian follicles from ultrasound images acquired in vivo using geometric active contour models and a naïve Bayes classifier. – 2007.

Electronic version available through Library catalogue.

Jaiswal, Rajesh. Regulation of follicular wave pattern in cattle. – 2007.

Electronic version available through Library catalogue.

Jamuna, Kolatalu. The Morphology, Distribution and Ultrastructure of Irregular Areolae of the Porcine Placenta. – 1993.

See SpColl Theses – Vet Anat. J34

Koehler, Joel. Development of an intravaginal transducer for three-dimensional ultrasonography. – 1999.

See SpColl Theses – Elect Engin K773

Lindsell, Claire. The regulation of follistatin gene expression in the ovary. – 1992

See SpColl Theses – Obs & Gy L56

Lu, Qian. 3D follicle segmentation in ultrasound image volumes of ex-situ bovine ovaries. – 2008.

Electronic version available through Library catalogue.

Lulai, Clarice. The role of luteal regression in embryo mortality in cattle. – 1992.

See SpColl Theses – Vet Herd Med & Therio L95

Malhi, Pritpal. A bovine model to study reproductive aging. – 2007.

Electronic version available through Library catalogue.

Maloufi, Fashad. An Investigation of non-invasive methods to identify mares susceptible to endometritis. – 2003.

See SpColl Theses - Vet. Large Anim. Clin. Sci. M34

Martinez, Marcelo. Control of follicular dynamics for synchronization of estrus in cattle. – 1998.

See SpColl Theses – Vet Herd Med & Therio. M37

Martinez, Marcelo. Synchronization of follicular wave dynamics and ovulation for fixed-time artificial insemination in cattle. – 2002.

See SpColl Theses – Vet. Large Anim. Clin. Sci. M37

McCorkell, Robert. The application of transrectal ultrasonography to characterise ovarian follicular development in wapiti. – 2002.

See SpColl Theses – Vet Biomed Sci M336

McCorkell, Robert. Endogenous and exogenous control of ovarian dynamics in wapiti. – 2006.



Electronic version available through Library catalogue; CD retained.

Muzzolini, Russell. Segmentation of ultrasound images using texture discrimination. – 1991.

See SpColl Theses – Comp Sci M99

Muzzonlini, Russell. A volumetric approach to segmentation and texture characterisation of ultrasound images. – 1997.

See SpColl Theses – Comp Sci M9995.

Pilip, Roman. In vitro fertilizing characteristics of bovine spermatozoa with multiple nuclear vacuoles. – 1995.

See SpColl Theses – Vet Herd Med & Therio P56

Ratto, Marcelo. Ovarian follicular synchronization, ovulation and oocyte development in llamas and alpacas. – 2005.

Electronic version available through Library catalogue.

Rezaeisariak, Elhem. Computer-Assisted Image Analysis of Human Ovarian Follicles: Imaging Physiologic Selection. – 2009.

Electronic version available through Library catalogue.

Singh, Jaswant. Bovine ovary: Morphologic and biochemical kinetics. – 1997.

See SpColl Theses – Vet Anat. S55

Swan, Cynthia. Regulation of progesterone synthesis in a stable porcine granulosa cell line : the role of FSH receptors, progesterone and glucocorticoids. – 2001.

See SpColl Theses – Obs & Gyn S93

Taranco, Mariana. Follistatin gene regulation in porcine granulosa cells. – 1995.

See SpColl Theses – Obs & Gy T2726

Tedesco, Susan. Melatonin and seasonal cycles in muskoxen. – 1996.

See SpColl Theses – Vet Anat. T445

Thundathil, Jacob. In vitro fertilizing characteristics of bovine sperm with abnormal morphology. – 2001.

See SpColl Theses – Vet. Herd Med. & Therio T586.

Tom, Joseph William. Echotexture analysis of the bovine ovary. – 1997.

See SpColl Theses – Biomed. Engin. T64

Tornesi, Belen. The effects of different protein sources on mouse embryos and limb-buds in culture. – 1992.

See SpColl Theses – Vet Her Med & Therio T64

Wagner, Darren. Windows to the Womb: Visualization, Metaphor and Reproduction in the Early Eighteenth Century and Today. – 2009.

Electronic version available through Library catalogue.

Weng, Nan. Recovery of three dimensional models from sequences of ultrasound images. – 1996.

See SpColl Theses – Comp. Sci. W45.

Wever, Natalie Bragg. Computer-assisted image analysis of endometrial edema and follicular wall attributes, and transrectal follicular tonometry in the estrous mare. – 2002.

See SpColl Theses – Vet. Large Anim Clin Sci W484.

\*Williamson, Linzi. Delayed childbearing : a planned behaviour or an unintentional outcome? – 2013.

Electronic version available; paper copy retained.

Yapura, Maria. Development of a non-steroidal aromatase inhibitor-based protocol for the control of ovarian function using a bovine model. – 2009.

Electronic version available through Library catalogue.

Zhai, Ruiling. The regulation of steroid hormone secretion in trophoblast cell cultures. – 1993.

See SpColl Theses – Obs. & Gy. Z45

### **Theses – Bachelor of Science in Medicine – University of Saskatchewan**

\*Levick, Carrie. Transvaginal Grey Scale Ultrasonography in the Evaluation of Corpora Lutea of Early Pregnancy. – 1995. BSc in Medicine.

\*Newstead, Jill. Computer Enhanced Ultrasonographic Image Analysis of Ovulatory and Atretic Follicles during Ovulation Induction Cycles. – 2000. BSc in Medicine.

\*Payton, Natasha. Grey Scale Transvaginal Ultrasonography of the Decidual Reaction in Early Human Pregnancy. – 1995. BSc in Medicine.

### **Grad Theses – University of Guelph**

\*Lui, Xinyu. Relationships between ultrasonographic and histophysiological attributes of individual ovarian structures in sheep and cattle. – 2006. - MSc, University of Guelph. – textual and CD.

### **Series 9: TRAVEL**

1. Travel [General]. – 1989-2001.
2. CFAS – Whistler, BC. – 2001.
3. 2nd EVRA Advisory Mtg. – 2000-2001.
4. Winnipeg. – October 2001.
5. Edmonton. – 1 September 2001.

6. Kelowna 'Doggle / Calgary. – 20 September 2001.
7. Phoenix, AZ – 2nd Symposium for Nurses. -18-19 May 2001.
8. Montreal – CFAS Board. – 2002.

**Box 24**

9. CDMS Conference – Saskatoon. – 2002.
10. Ontario 'Doggle. – 2002.
11. Quebec. – 2002.
12. Banff – Ortho. – January 2002.
13. Winnipeg. – April 2002.
14. Toronto. – 2002.
15. Fraser Valley / Vancouver. – 2002.
16. APOG. – 2001.
17. McMaster Grand Rounds. – 2001-2002.
18. Winnipeg. – 2001.
19. APOG – Toronto. – 2001.
20. Vancouver – Boyles Society Talks. – November 2001.
21. ASRM – Orlando. – 2001.
22. Queen's – Gyne Conference. – October 2002.
23. CFAS – Quebec. – 2002.
24. Edmonton. – 2002.
25. Victoria / Nanaimo. – 2002.
26. SOGC – Winnipeg – Annual Clinical Meeting. – 2002.
27. SOGC – PEI. – 2003.
28. Saskatoon – College of Medicine 50th Anniversary. – 2002.
29. Vancouver. – 2003.
30. Ottawa – CIHR A Committee. – 2002.
31. TO – APOG. – 2002.
32. Kamloops / Vancouver. – 2002.
33. ASRM – Seattle. – 2002.
34. Toronto – Novartis Mini Symposium. – 2004.
35. IFSS – Montreal. – 2004.
36. Edmonton – SOGC. – 2004.
37. CFAS – ASRM – Montreal. – 2005.
38. Ultrasound in Ob-Gyn – Vancouver. – 2005.
39. Montreal – IFFS. – 2004.
40. IETS – Portland. – 2004.
41. CIHR - Ottawa. – 2003.
42. Spain – Marbella. – 2003.
43. CFAS - Victoria. – 2003.
44. Toronto – City Rounds. – 2003.
45. Vancouver – Planned Parenthood. – 2003.
46. Orlando – ART Nurses Conf. – 2003.
47. Calgary. – May 2005.
48. Toronto – Grand Rounds. – 2005.

49. CFAS Press Release. – 2004.
50. CIHR – Ottawa. – 2004.
51. CFAS 50th– Jasper. – 2005.
52. CFAS – Halifax. – 2007.
53. Miami – Organon Mtg. – 2007.
54. APOG – Toronto. – 2006.
55. McGill Symposium – Montreal. – 2006.
56. POGO – Regina. – 2006.
57. CFAS Board – Montreal. – 2006.
58. APOG – Toronto. – 2005.
59. STIRRHS – Montreal. – 2006.
60. APOG – Strategic Planning – Ottawa. – 2006.
61. Montreal. – 2010.
62. ESHRE - Amsterdam. – 2009.
63. Turkey. – 2009.
64. CFAS – Strategic Retreat – Toronto. – 2008.
65. AHRC-CIHR. – Montreal. – 2008.
66. STIRRHS – Montreal. – 2008.
67. AHR – Toronto. – 2008.
68. APOG – Toronto. – 2007.
69. CFAS – Strategic Retreat – Toronto. – 2010.
70. CFAS – Vancouver. – 2010.
71. CIHR – University Delegates conference – Ottawa. – 2011.
72. ASRM – San Diego. – 2012.
73. CFAS – Ottawa. – 2012.
74. ICAR – Vancouver. – 2012.
75. Calgary – Ottawa. – June 2012.

### **Series 11: ARTEFACTS AND MEMORABILIA**

Note: unless otherwise noted, all memorabilia can be found in the marked oversize boxes.

EVRA – Placebo – Demonstration Packets.

“Follicle Headlight.” - **Box 25**

[Intervaginal probe]/

Memorabilia – Speaker / Conference ID. – **Box 24**

Prototype – Recording Stethoscope. –

Prototype – Intervaginal probe blanks for 3D intervag ultrasonography probe. – [ca. 1996].

[Prototype] – NuvaRing. – see memorabilia box A.

Etonogestrel/ethinyl estradiol vaginal ring

**Series 12: COVER ART**

**Box 26**

[ART] – Evolution in Ovulation Induction and ART: New Treatment Modalities for the Next Millennium. – 1997.

[ART] – Celebrating 20 Years of ART: From Cells and Techniques to Molecules and Innovation. – 1998.

[ART] – Smart ART: From Physiology to Clinical Success. – 2000.

[ART] - Smart ART IV – From Physiology to Clinical Success. – 2003.

[ART] - 20 Years from Start to ART: Current Concepts for Nurses in Reproductive Medicine. – 1998.

The American Fertility Society 50<sup>th</sup> Annual Meeting. – 1994. (**see oversize H14**)

ASRM – American Society for Reproductive Medicine. – 2000.

ASRM & CFAS Conjoint Annual Meeting. – 1999.

ASRM & CFAS Conjoint Annual Meeting. – 2005.

Canadian Fertility & Andrology Society '96 – Lake Louise, Alberta. – 1996.

Canadian Fertility & Andrology Society – 43<sup>rd</sup> Annual Meeting. – 1997.

Canadian Fertility & Andrology Society – 46<sup>th</sup> Annual Meeting. – 2000.

Canadian Fertility & Andrology Society – 48<sup>th</sup> Annual Meeting. – 2002.

Canadian Fertility & Andrology Society – 49<sup>th</sup> Annual Meeting. – 2003.

Canadian Fertility & Andrology Society – 50<sup>th</sup> Annual Meeting. – 2004.

**Box27**

ESHRE 96. – 1996. (**see oversize H14**)

14<sup>th</sup> World Congress of Gynaecology and Obstetrics. – 1994. – **see o/v H15**

16<sup>th</sup> World Congress of Gynaecology and Obstetrics. – 2000. – **see o/v H15**

15<sup>th</sup> World Congress on Ultrasound in Obstetrics and Gynecology. – 2005.

10<sup>th</sup> World Congress on In Vitro Fertilization & Assisted Reproduction. – 1997.

IFFS '98: 16<sup>th</sup> World Congress on Fertility and Sterility ; 54<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine. – 1998.

Obstetrics & Gynecology Conference – Reflections on the 90s. – 1999.

The 7<sup>th</sup> Regnier de Graaf Symposium: From ovulation to implantation." - 1990

Second International Symposim on Preimplantation Genetics. – 1997.

Serono Symposia USA: Life Cycle of the Ovarian Follicle. – 1995.

Serono Symposia USA: International Symposium on Art and the Human Blastocyst. – 2000.

SOGC – 53<sup>rd</sup> Annual Clinical Meeting. – 1997.

SOGC – 55<sup>th</sup> Annual Clinical Meeting. – 1999.

SOGC – 56<sup>th</sup> Annual Clinical Meeting. – 2000.

[SOGC] - 10<sup>th</sup> West-Central CME. - 2000

Simposio Internacional de Reproduccion Animal. - **see oversize H14**

Ultrasound International – Vol. 5 no. 2. – 1999.

Update '97 – Ultrasound in Obstetrics and Gynecology. – 1997.

Illustration – B. Lozanoff. – 1991. – framed; see wall

Framed colour image [fetus] – **see oversize H14**

#### **POSTERS (see oversize H15)**

Discover: The Year in Science – 100 Top Science Stories of 2003.

Note: includes signed photo of Gregg Adams, Angela Baerwald, and Roger Pierson.

New Developments in Ovulation Induction. – 2004.

University of Saskatchewan – body projects III

University of Saskatchewan – Distinguished Researcher Lectures – 2001.

University of Saskatchewan – First & Best. – [ca. 1991].

University of Saskatchewan – Pierson lecture: “Ovaries 101 – Conception and Contraception.”

University of Western Ontario – Pierson lecture: “Sex, Oocytes and Ultrasound” – 1996.

2017-055

14 framed photos/prints from exhibition. Reproduction in 18<sup>th</sup> Century History and 21<sup>st</sup> Century Science and Medicine.

2018-187

Four framed images