

March 5<sup>th</sup>, 2009

CURRICULUM VITAE  
BRENDA N ROY

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EDUCATION

Residency	McGill University, Montreal, Quebec, Canada. Obstetrics and Gynecology. July 2003-June 30 <sup>th</sup> 2008.
Medical School	University of Toronto, Toronto, Ontario, Canada. Aug1999- June 2003.
PostDoctoral Fellow	University of Kentucky, Department of Physiology. Lexington, Kentucky. Oct 1998-Aug 1999
PhD	Queen's University, Kingston, Ontario, Canada. Aug 1996-Jan 1999. Physiology. Doctor of Philosophy
MSc	Queen's University, Kingston, Ontario, Canada. July 1994-Aug 1996. Physiology. Master of Science.
Undergraduate	Queen's University, Kingston, Ontario, Canada. Biology. Bachelor of Science. Aug 1990-June 1994. Honors.

POSTGRADUATE HONORS AND AWARDS

Obstetrics and Gynaecology Department Research Award, McGill University,  
June 2007

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Royal College of Physicians and Surgeons of Canada June 2008

Active Candidate with the American Board of Obstetrics and Gynecology  
Written component written and passed. June 2008

State of Rhode Island and Providence Plantations Department of Health.  
Active Status MD Exp. June 30<sup>th</sup> 2010.

Commonwealth of Massachusetts. Active status MD. Exp. Aug 7<sup>th</sup>, 2009

## HOSPITAL/UNIVERSITY APPOINTMENTS

Clinical Assistant Professor of Obstetrics and Gynecology, Brown University, Alpert Medical School, Providence RI USA.

Dept. of Obstetrics and Gynecology, Women and Infants' Hospital, Providence, RI. Attending Obstetrics and Gynecology. Aug 2008-present

Providence Community Health Centers. 375 Allens Ave. Providence RI 02905. April 2009-present

## COMMITTEES

Committee on Scientific Program, American College of Obstetricians and Gynecologist. 2008-present

CREOG Education Committee, American College of Obstetricians and Gynecologist. 2007-present.

District 1 American College of Obstetricians and Gynecologist Junior Fellow Chair Quebec Section. 2005-2008.

Resident Committee Third Year Representative, McGill University, Dept of Ob/Gyn. 2005-2006

Resident Committee Fifth Year Representative, McGill University, Dept of Ob/Gyn. 2007-2008

Resident Selection Committee for the Department of Ob/Gyn, McGill University, 2006.

Admission Committee, Faculty of Medicine, University of Toronto, Toronto, ON. 2001.

## MEMBERSHIP IN SOCIETIES

American Association of Gynecologic Laparoscopists 2008-present

American Society for Colposcopy and Cervical Pathology 2008-present

The Society of Obstetricians and Gynaecologists of Canada. 2000-present

The American College of Obstetricians and Gynecologists. 2000-present

PUBLICATION LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

**Roy, B. N.** Vallerand, D. RN., Chen, M.F., and Buckett, W. Placental abnormalities in singleton pregnancies following assisted reproductive technologies (ART): the incidence of placenta accreta is increased. *Fertility and Sterility*. Accepted for publication. 2008.

**Roy, B. N.** and Tulandi, T. Fitz-Hugh-Curtis Syndrome. Image of the Month. *Journal of Society of Obstetrics and Gynaecology Canada*. 2006; 28 (10): 859

Van Vugt, D.A., A Krzemien ,A., **Roy, B. N.**, Fletcher, W. A., Foster, W., Lundhal, L. S., Marcus, S., and Reid, R. L. Photodynamic endometrial ablation in the nonhuman primate. *Journal for the Society of Gynaecologic Investigation*. 2000; 7 (2): 125-30

**Roy, B. N.**, Reid, R. L., Van Vugt, D. A. The effects of estrogen and progesterone on corticotropin releasing hormone and vasopressin messenger ribonucleic acid levels in the paraventricular nucleus and supraoptic nucleus of the Rhesus monkey. *Endocrinology*. 1999; 140 (5):2191-8

**Roy, B. N.**, Van Vugt., D. A., Weagle, G., Pottier, R., and Reid, R. L. Effect of continuous and multiple doses of 5-Aminolevulinic acid on Protoporphyrin IX concentrations in the rat uterus. *Journal of Photochemistry and Photobiology B: Biology*. 1997; 41/1-2: 122-7

**Roy, B. N.**, Van Vugt., and Reid, R. L. Photodynamic therapy in gynaecology: Bringing scientific discovery to the clinical arena. *Journal of the Society of Obstetricians and Gynaecologists of Canada*. 1997; 19 (7): 709-719

**Roy, B. N.**, Van Vugt, D. A., Weagle, G. E., Pottier, R. H., Reid, R. L. Effect of 5-aminolevulinic acid dose and estrogen on Protoporphyrin IX concentrations in the rat uterus. *Journal of the Society for Gynecologic Investigation*. 1996; 4: 40-6

Yang, J. Z., Van Vugt, D. A., **Roy, B. N.**, Kennedy, J. C., Foster, W. G., Reid, R.L. Intrauterine 5-aminolevulinic acid induces selective endometrial fluorescence in the Rhesus and Cynomolgus monkey. *Journal of the Society for Gynecologic Investigation*. 1996; 3: 152-7.

**Roy, B. N.** and Wynne-Edwards, K. E. Progesterone, estradiol and prolactin involvement in lactation, including lactation following a postpartum mating in the Djungarian hamster (*Phodopus campbelli*). *Biology of Reproduction*. 1995; 52: 855-863.

#### BOOK AND BOOK CHAPTERS

**Roy, B. N.** Honest Truths About the Double Helix. Book Review for A passion for DNA: Genes, Genomes and Society by James D. Watson. *University of Toronto Medical Journal* 2001; 78(2):27

#### PUBLICATIONS SUBMITTED OR IN PREPARATION

**Roy, B. N.** Vallerand, RN., D., Chen, M.F., and Buckett, W. Umbilical cord abnormalities in singleton pregnancies following assisted reproductive technologies (ART). Submitted to *Placenta*.

**Roy, B. N.** and Ziegler, C. Portal vein thrombosis secondary to oral contraceptives pills. *Journal of Society of Obstetrics and Gynaecology Canada*. In progress.

#### ABSTRACTS

##### POSTERS

1. **Roy, B. N.**, Chen, M., Buckett, W. Umbilical cord abnormalities in singleton pregnancies following assisted reproductive technologies. *American Society for Reproductive Medicine*. San Francisco, CA. Nov 8-12. 2008. *Fertil Steril* 2008; 90 (suppl.1): S211-212
2. **Roy, B. N.**, Chen, M., Buckett, W. Placental abnormalities in singleton pregnancies following assisted reproductive technologies (ART): the incidence of placenta accrete is increased. *American Society for Reproductive Medicine*. San Francisco, CA. Nov 8-12. 2008. *Fertil Steril* 2008; 90 (suppl.1): S210
3. **Roy, B. N.**, Legan, S. J. Norepinephrine release in the septum/diagonal band of Broca/preoptic area is not altered by chronic estradiol in ovariectomized rats. *Society of Neuroscience 29<sup>th</sup> Annual Meeting*. Miami Beach, FLA., October 23-28, 1999.
4. **Roy, B. N.**, Reid, R.L., Van Vugt, D. A. Effect of estrogen on hypoglycemia-induced alterations in hypothalamic corticotropin-releasing hormone, arginine vasopressin, proopiomelanocortin and *c-fos* messenger ribonucleic acid levels in the monkey. *The Endocrine Society's 81st Annual Meeting*. San Diego, CA., June 12-15, 1999.

5. **Roy, B. N.**, Reid, R.L., Van Vugt, D. A. Effect of estrogen and progesterone on corticotropin-releasing hormone and arginine vasopressin ribonucleic acid levels in the paraventricular nucleus of the Rhesus monkey. Society of Neuroscience 28<sup>th</sup> Annual Meeting. Los Angeles, CA., November 7-12, 1998.
6. **Roy, B. N.**, Heisler, L. E., Reid, R. L., Van Vugt, D. A. Effect of ovarian steroids on the stress-induced activation of the hypothalamic-pituitary-adrenal axis and prolactin secretion in the Rhesus monkey. Society for Neuroscience 27th annual meeting. New Orleans, LA., October 25-30, 1997.

ORAL

1. **Roy, B. N.**, Reid, R. L. Van Vugt, D.A. Effect of estrogen and progesterone on corticotropin-releasing hormone and arginine vasopressin ribonucleic acid levels in the paraventricular nucleus of the Rhesus monkey. Southern Ontario Reproductive Biology Meeting. University of Waterloo, Waterloo, Ontario, May 8, 1998.
2. **Roy, B. N.**, Rivets, S., Reid, R. L., Van Vugt, D. A. Central nervous system effects of ovarian steroids in the nonhuman primate using *in situ* hybridization. J. A. Low Research Day. Dept. Obstetrics and Gynaecology. Queen's University, Kingston, ON, May 8, 1997.
3. **Roy, B. N.**, Van Vugt, D. A., Weagle, G. E., Pottier, R. H., Reid, R. L. Effect of estradiol-17 $\beta$  on protoporphyrin IX levels in rat endometrium after 5-aminolevulinic acid administration. The Society of Obstetricians and Gynaecologists of Canada's 52th Annual Clinical Meeting. Québec City, Québec, June 22-27, 1996.
4. **Roy, B. N.**, Van Vugt, D. A., Weagle, G. E., Pottier, R. H., Reid, R. L. Effect of 5-aminolevulinic acid dose on rat uterine protoporphyrin IX concentrations. 24th Annual Meeting of the American Society for Photobiology. Atlanta, Georgia, June 15-22, 1996.
5. **Roy, B. N.**, Van Vugt, D. A., Weagle, G. E., Pottier, R. H., Reid, R. L. Effect of estrogen on 5-aminolevulinic acid induced rat uterine protoporphyrin IX concentrations. 15th Annual Ottawa Reproductive Biology Workshop. Ottawa, Ontario, June 5, 1996.
6. **Roy, B. N.**, Van Vugt, D. A., Weagle, G. E., Pottier, R. H., Reid, R. L. Effect of 5-aminolevulinic acid dose and estrogen on protoporphyrin IX concentrations in the rat uterus. J. A. Low Research Day. Kingston, Ontario, May 10, 1996.
7. **Roy, B. N.** and Wynne-Edwards, K. E. Progesterone, estradiol and prolactin involvement in lactation, including lactation following a postpartum mating in the Djungarian hamster (*Phodopus campbelli*). Southern Ontario

Reproductive Biology Meeting. Kingston, Ontario, May 5, 1995.

UNIVERSITY TEACHING ROLES

**Assistant Professor** Alpert Medical School, Brown University, Providence, Rhode Island.

**Teaching Assistant.** Department of Physiology, Queen's University, Kingston, ON, Canada. 1994-8.