

## CURRICULUM VITAE

NAME: Taonei I. Mushayandebvu, M. D.

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SPECIALTY Gynecology, Reproductive Endocrinology & Infertility

EDUCATION: MD – 1995  
University of the State of New York  
Conferred through the Board of Regents, Albany, N.Y.

LRCP & S (Equivalent to MD) (Scottish Triple Qualification) 1989  
Royal College of Physicians & Surgeons  
Edinburgh, Scotland – United Kingdom

Bachelor of Medicine -1985  
University of Zimbabwe  
Zimbabwe, Southern Africa

GCE A levels – 1980  
(Oxford University)  
Plymouth College of Further Education  
Plymouth, United Kingdom

POSTDOCTORAL TRAINING:

7/1/93-6/30/95 Fellowship  
Reproductive Endocrinology & Infertility  
UMDNJ-New Jersey Medical School  
Newark, New Jersey

7/1/89-6/30/93 Resident (Obstetrics & Gynecology)  
Columbia University College of Physicians & Surgeons  
Harlem Hospital Center, New York, NY

BOARD CERTIFICATION: Obstetrics & Gynecology (US)-Board Certified 11/96  
Obstetrics & Gynecology (Canada)-Board Certified 7/93  
Reproductive Endocrinology & Infertility-Board Certified 4/98

LICENSURE: 12/91 New Jersey Medical License

#### HONORS:

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| 1993      | The American Association of Gynecologic Laparoscopist, Resident Award  |
| 1986-1988 | Beit Scholar: Scholarship is awarded by the Beit Trustee in England and is intended to allow recipient to pursue graduate Studies in the United Kingdom. Scholarship is awarded on the Basis of academic merit, leadership abilities and demonstrated Dedication to community activities.                      |
| 1984      | Burroughs Welcome Prize for best student in Pharmacology   |
| 1984      | Pranked-Jones Traveling Scholarship awarded for academic Excellence and the ability to be a good ambassador<br><br>Harry Wulfson Prizes for best student in Anatomy and Pediatrics<br><br>Medical School Honors in Clinical Biochemistry, Anatomy, Physiology, Pathology, Pediatrics & Obstetrics & Gynecology |

#### ACADEMIC APPOINTMENTS:

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|-----------------|---|
| 1/02 to Present | Associate Clinical Professor<br>Department of Obstetrics & Gynecology<br>Rutgers-New Jersey Medical School<br>Newark, NJ                      |
| 8/97 to 1/02    | Assistant Clinical Professor<br>Department of Obstetrics & Gynecology<br>Columbia University College of Physicians & Surgeons<br>New York, NY |
| 11/93-12/96     | Instructor, Department of Obstetrics & Gynecology<br>University of Mississippi Medical Center, Jackson Mississippi                            |
| 7/93-6/95       | Instructor, Department of Obstetrics & Gynecology<br>UMDNJ-New Jersey Medical School, Newark, NJ  |

#### HOSPITAL APPOINTMENTS:

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| 7/1/2007 to 7/1/12 | Chairman, Department of Obstetrics and Gynecology, Christ Hospital, Jersey City, NJ |
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HOSPITAL AFFILIATIONS:

St Barnabas Medical Center, Livingston, NJ

Jersey City Medical Center, Jersey City, NJ

Trinitas Medical Center, Elizabeth, NJ

St Michael's Medical Center, Newark, NJ

Hoboken University Hospital, Hoboken, NJ

Meadowlands Hospital, Secaucus, NJ

Christ Hospital, Jersey City, NJ

PROFESSIONAL AFFILIATIONS:

Fellow, American College of Obstetricians & Gynecologists

Fellow, Royal College of Surgeons of Canada

Member, Endocrine Society

Member, American Society of Reproductive Medicine

Member, Society for Reproductive Endocrinology & Infertility

## PUBLICATIONS

1. Mushayandebvu T, Rajabi M: Relaxin stimulates interstitial collagenase activity in cultured cervical cells of pregnant and non-pregnant guinea pigs but not immature guinea pigs. *Biology of Reproduction* 53, 834-841, 1995.
2. Matseoane, S Williams SB, Mushayandebvu T. Diagnostic value of conization of the uterine cervix in the management of cervical neoplasia: A review of 756 consecutive patients. *Gynecologic Oncology* 47:287-291, 1992.
3. Mushayandebvu T, Kitai I. Hypertension in Harare Hospital outpatients, drugs taken and control achieved. *Central African Journal of Medicine* 32, 262-268, 1986.
4. Mushayandebvu T. Diabetes mellitus. *Clinical consultations in Obstetrics & Gynecology* 6:21-26, 1995.
5. Colon JM, Mushayandebvu T. Osteoporosis. *Current concepts in Reproductive Medicine, Series 1, Article 5, p. 1-6, 1995.*
6. Mushayandebvu T, Lipetz K, Santoro N, Colon J. Comparison of Percoll and swim-up techniques for sperm recovery patients with male factor infertility. *Proceedings of the 9<sup>th</sup> World congress on In-vitro Fertilization and Assisted Reproduction, Vienna, Austria, 1995.*
7. Mushayandebvu T, Santoro N, Colon JM. A case of Pendred's Syndrome presenting with amenorrhea. *Gynecol and Obst. Invest* 1996, 42:277-278.
8. Mushayandebvu T, Castracane VD, Adel T, Gimpel T, Santoro N. Evidence for diminished midcycle ovarian androgen production in older aged women. *Fertility and Sterility* 1996, 65:721-723.
9. Mushayandebvu T, Weiss G. Uterus didelphis with obstructed hemivagina and ipsilateral renal agenesis: Magnetic resonance diagnosis. *Gynecologic and Obstetric Investigation, 1998.*
10. Mushayandebvu T, Colon J. Uterine tumor resembling ovarian sex cord tumor presenting as dysfunctional uterine bleeding. *Gynecologic Oncology, submitted 1998.*
11. Mushayandebvu T, Goldsmith L, Weiss G. Singleton gestations following ovarian stimulation with human menopausal gonadotropins have elevated maternal serum relaxin throughout pregnancy. *Obstetrics & Gynecology, 1998; 92; 17-20.*
12. Mushayandebvu T, Howland P, Gleason P, Santoro N, Colon J. The value of transvaginal ultrasound in predicting the outcome of the first trimester of pregnancy. *Submitted, Fertility and Sterility, 2001.*

13. Mushayandebvu T, Weiss G, Colon J. The effects of controlled micromanipulation of human sperm in a three-dimensional laser trap on sperm membrane response to a hypo-osmotic environment. Submitted, Fertility and Sterility, 2001.

## ABSTRACTS

1. Mushayandebvu T, Rajabi M: Relaxin stimulates interstitial collagenase activity in cultured cervical cells of pregnant and non-pregnant guinea pigs. 42<sup>nd</sup> Annual Meeting of the Society of Gynecological Investigation, Chicago, IL, March, 1995. Abstract P117
2. Mushayandebvu T, Rajabi MR: Estradiol-17 $\beta$  restores relaxin stimulated interstitial collagenase activity in passaged cervical stromal cells in the guinea pig. 77<sup>th</sup> Annual Meeting of the Endocrine Society, Washington DC, June 1995. Abstract 0236
3. Mushayandebvu T, Lipetz K, Santoro N, Colon J. Comparison of Percoll and swim-up techniques for sperm recovery patients with male factor infertility. 7<sup>th</sup> World congress on In-vitro Fertilization and Assisted Reproduction, Vienna, Austria, 1995. Abstract P192
4. Mushayandebvu T, Matseone S: Use of urinary protein creatinine ratio to estimate proteinuria in pregnant hypertensive patients. 1992 Columbia University College of Physicians and Surgeons, Harlem hospital Research Day.
5. Mushayandebvu T, Magier S, Murnick D, Bonder E, Weiss G: Sperm membrane response to a hypo-osmotic challenge after laser trapping at high power. 42<sup>nd</sup> Annual Meeting of the Society of Gynecologic Investigation, Chicago, Illinois, March 1995. Abstract P308.
6. Mushayandebvu T, Goldsmith L, Weiss G. Singleton gestations following ovarian stimulation with human menopausal gonadotropins have elevated maternal serum relaxin throughout pregnancy. 51<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine, October, 1995.
7. Mushayandebvu T, Howland P, Gleason P, Santoro N, Colon J. The value of transvaginal ultrasound in predicting the outcome of the first trimester of pregnancy. 52<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine, Boston, MA, November 26, 1996.
8. Mushayandebvu T, Castracane VD, Adel T, Gimpel T, Santoro N. Evidence for diminished midcycle ovarian androgen production in older aged women. 51<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine, Seattle, Washington, October, 1995.
9. Mushayandebvu T, Weiss G. Uterus didelphis with obstructed hemivagina and ipsilateral renal agenesis: Ultrasound and intravenous pyelogram versus magnetic resonance diagnosis. The Gynecoradiology Society, Boston, MA, November 1996.
10. Mushayandebvu T, Freeman N, Von Hagen S, Colon J. Human immunodeficiency virus infection in women without wasting is associated with menstrual cycle

decreases in free testosterone levels. Annual Meeting of the American Society for Reproductive Medicine, Orlando Florida, October 2000.