

## **CURRICULUM VITAE**

**Name: Associate Professor Christine Sekadde-Kigundu**

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## **QUALIFICATIONS**

**1967-1970 B.Sc., Purdue University, Lafayette, Indiana  
U.S.A. (B.Sc. Biochemistry)**

**1970-1974 Ph.D. (Clinical Biochemistry)  
State University of New York at Buffalo  
New York U.S.A.**

## **APPOINTMENTS**

**1974-1977 Lecturer, Department of Biochemistry,  
Medical School, Makerere University,  
Kampala, Uganda**

**1977-1979 Assistant Professor, Department of Biochemistry  
A.N. Dogliotti College of Medicine  
University of Liberia,  
Monrovia, Liberia**

**1980 -1996 Senior Research Fellow/Senior Lecturer  
Department of Obstetrics and Gynaecology  
University of Nairobi**

**1996-up to date Associate Professor  
Department of Human Pathology.  
Unit of Clinical Chemistry  
School of Medicine  
College of Health Sciences  
University of Nairobi**

## **TEACHING EXPERINCE**

- 1. Teaching Clinical Chemistry to under-graduate students (medical, pharmacy, nurses and dentistry, laboratory medicine)**
- 2. Teaching Clinical Chemistry to postgraduate students in General Human Pathology, Dentistry, Medicine, Pediatrics and Surgery**

## **LABORATORY EXPERIENCE**

### **Clinical Chemistry/Endocrinology Laboratories**

- 1. USA Children's Hospital(Endocrinology and research)**
- 2. Mulago Hospital, Uganda(Clinical chemistry, endocrinology)**
- 3. JFK Hospital, Liberia(Clinical chemistry, endocrinology)**
- 4. Kenyatta National Hospital (Clinical chemistry, endocrinology and andrology laboratory)**
- 5. AAR Health Service (Clinical chemistry, endocrinology and andrology laboratory)**
- 6. Nairobi Hospital (Clinical chemistry, endocrinology)**
- 7. Nairobi IVF Centre (Endocrinology and andrology)**

## **OTHER EXPERIENCES**

- 1. Bioethics**
- 2. Epidemiology**
- 3. Consultancies in Reproductive Health**

## **RESEARCH EXPERIENCE AND PUBLICATIONS**

- 1. Sekadde C.B., Slaunwhite W.R., Jr. Aceto T., A rapid assay of Triiodothyronine. Clin. Chem. 19, 1016, 1973**
- 2. Sekadde C.B., Slaunwhite W.R., Jr. Aceto T., Jr. Murray K., Concentrations of T4 and T3 in serum after treatment with desiccated thyroid hormone. J. Clin. Endocrinol. Metab/39: 759, 1974**
- 3. Lutalo-Bosa A.J., Sekadde C.B., Opiyo W. and Kiwanuka J.B., Presentation of paper to the Annual Scientific Conference of East Africa Medical Research Council, February, 1977 "Liver function tests among normal Ugandans." A paper was reported in the Annual Report of Scientific Conference on the East African Medical Research Council, 1977.**
- 4. Papine J., Lutalo-Bosa A.J., Sekadde C.B. Reported in the Annual Report of Scientific Conference of the East African Medical Research Council, 1977. The Effect of Halothane on the levels of serum proteins.**

5. Nana O.F., Mati J.K.G., Lequin R.M., Sekadde-Kigonde C.B. :Pituitary-Ovarian Function during and after pelvic Irradiation for carcinoma of the cervix, J. Obster. Gynaecol. E. and Central Africa, 1:1, 42, 1982
6. Mwalali P.N., Mati J.K.G., Sekadde-Kigonde C.B., Lequin R.M., The Effects of GnRH and TRH on pituitary secretion of FSH, LH and PRL in Normal Kenyan Males. J. Obstet. Gynaecol. E. Central Africa, 1:64, 1982
7. Obwaka J.M., Mati J.K.G., Lequin R.M., Sekadde-Kigonde C.B., et al Baseline studies in semen and hormonal parameters in normal Kenyan males. J. Obstet. Gynaecol E and Central Africa Afr. 1:96, 1982.
8. Karanja J.G., Gwayi-Chore M.O., Sekadde-Kigonde C.B., Lequin R.M., Mati J.K.G. Hormonal patterns during the menstrual cycle of healthy black Kenyan women. J. Obstet. Gynaecol. E. Central Afr. 1:140, 1982.
9. Ndeto G.W., Mati J.K.G., Sekadde-Kigonde C.B., et al. Prolactin release in subjects with uterine fibroid. J. Obstet. Gynaecol. E. Central Afr. 1:58, 1982.
10. Karanja J.K., Gwayi-Chore M.D., Sekadde-Kigonde C.B., et al. Value of FSH, LH and PRL assays in diagnosis of amenorrhoea. J. Obstet. Gynaecol. E. Central Afr. 108, 1982.
11. Ndeto G.W.T., Mati J.K.G., Sekadde-Kigonde C.B., Lequin R.M. Prolactin response in patients with hypertensive disease in pregnancy. J. Obstet. Gynaecol. E. Central Afr. 1:166, 1982.
12. Mukasa F., Mati J.K.G., Sekadde-Kigonde C.B., Lequin R.M. Pituitary reserve for gonadotrophin and prolactin in women using long term Depo-Provera. J. Obstet. Gynaecol. E. Central Afr. 1:160, 1982.
13. Maina F.W., Mati J.K.G., Sekadde-Kigonde C.B. Comparison of the reflomat, Glucose Oxidase and Glucose Hexokinase in measuring blood glucose. J. Obstet. Gynaecol. E. Central Afr. 1:126, 1982.
14. Sekadde-Kigonde C.B., Fongoh F.B. et al. The use of Luteinizing hormone and Beta HCG RIA in the diagnosis and treatment of Choriocarcinoma J. Obstet. Gynaecol. E. Central Afr. 1:148, 1982. .
15. Wanjohi J.K., Sekadde-Kigonde C.B., Maina F.W. Mati J.K.G., Menstrual blood loss in nulliparous normal women. J. Obstet. Gynaecol. E. Central Afr. 2:23, 1983.
16. Thuo S.T.N., Maina F.W., Sekadde-Kigonde C.B., Lequin R.M., Mati J.K.G. Assessment of flat oral glucose tolerance tests. J. Obstet. Gynaecol. E. Central Afr. 2:15, 1983

17. Muraya G.N., Maina F.W., Sekadde-Kigonde C.B., Mati J.K.G. Menstrual blood loss in intrauterine contraceptive device (Copper Nova) users in Kenya. *J. Obstet.Gynaecol. E. Central Afr.*, 3:69, 1984
18. Eshitera M.O., Sekadde-Kigonde C.B., Mati J.K.G., Muitta M.N., Njoroge J.K. Semen parameters, hormonal studies and incidence of asymptomatic bacteriospermia in fertile black males in Kenya. *J. Obstet. Gynaecol. E. Central Afr.* 3:141, 1984.
19. Gachara M.N., Sekadde-Kigonde C.B., Muitta M.N. Mati J.K.G. The role of antisperm antibodies in infertility in Kenya. *J. Obstet. Gynaecol. E. Central Afr.* 3:19, 1984.
20. Sekadde-Kigonde, C.B. Laboratory Medicine in Obstetrics and Gynaecology. Editorial *J. Obstet. Gynaecol. E and Central Afr.* 3:1, 1984.
21. Ojwang P.J., Ogada.T., Maina F.W., Sekadde-Kigonde C.B , Mati J.K.G. Reference value for serum lipids and lipoprotein cholesterol in adults and cord blood of Kenyan Africans. *E.A. Med. J.* 61 (5): 367, 1984.
22. Achapa C.O., Sekadde-Kigonde C.B., Lequin R.M., Mati J.K.G., Njoroge J.K. Dynamic study follow-up of pituitary reserve function in patients who had suffered postpartum haemorrhage. *J. Obstet Gynaecol. E. and Central Afr.* 2:166, 1983.
23. Mati J.K.G., Sekadde-Kigonde C.B. Pitfalls in the management of trophoblastic disease in Africa. In *advances of experimental medicine and biology vol.176* Ed. R.A. Pittillo and R.O. Hussa. Published by Plenum Press, P. 409, 1984.
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25. Ogutu G.W., Sekadde-Kigonde C.B., Njoroge J.K.Mati J.K.G. A prospective study of dysfunctional uterine bleeding at Kenyatta National Hospital. *J. Obstet. Gynaecol.* 4 : 23, 1985.
26. Kibunguchy W., Mbugua S.E., Sekadde-Kigonde C.B., Mati J.K.G. Carcinoma of the cervix and cervical intra-epithelial neoplasia (CIN) Screening a high-risk group. *J. Obstet Gynaecol. E. and Central Afr.* 4:29, 1985.
27. Sekadde-Kigonde C.B., Lequin R.M., Thuo S.J., Mati J.K.G. The use of pregnopost sticks in the detection and monitoring for treatment of Trophoblastic tumors in Kenya. *J. Obstet. Gynaecol. E. and Central Afr.* 4:41, 1985.
28. Rogo K.O., Sekadde-Kigonde C.B., Ojwang P.J., Mati J.K.G., Njoroge J.K. The effects of Tropical conditions on male fertility indices. *J. Obstet. Gynaecol. E. and Central Afr.* 4:45, 1985.

29. Marchesini S., Sekadde-Kigonde C.B., Goi G., Lombardo A. Plasma lysosomal hydrolase in normal malaria parasitized and sickle cell subjects. A study of a sample of Liberian population. *J. Res. Lab. Med* x 5 493-497, 1983.
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37. Sekadde-Kigonde. C.B, Wanjala, S.H. , Chikamata. D.M. A report of update workshop on intrauterine contraception. 1990.
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39. Bwayo, J.J, Mutere, A.N, Omari, M.A, Kreiss, J.K, Jaoko, W. Sekadde-Kigonde, C. Plummer.F.A. Long distance truck driver: Knowledge and attitudes concerning sexually transmitted diseases and sexual behaviour. *E.A. Med. J.* 68 (90), 714, 1991.
40. Rogo K., Onyango, G. Ojwang, P.J. and Sekadde-Kigonde , C.B. Maternal levels of alpha- feto protein in African Women *E. Afr. Med J.* 68: 601, 1991.

41. Sekadde- Kigonde C.B. The role of Women in Biomedical Research in Kenya. Proceedings of the conference by the Canadian International Development Agency and the Third World Academy of Sciences , Published by World Scientific Editors, A.M Faruqui, M.H.A. Hassan and G. Sandra, page 279, 1991.
42. Sekadde-Kigonde, C.B, et al: 1. Condom acceptability and use among long distance truck drivers and their assistants. Report: (1993). Sekadde-Kigonde, C,B, et al:
43. Sekadde-Kigonde, C.B, et al. 2. Sexuality and use of condom among male university students. Report (1993).
44. Sekadde-Kigonde C,B, Ogutu C, et al 3. Condom acceptability and use among patient attending a sexually transmitted diseases clinic. J. Obstet Gyneacol for East and Central Africa. 10 (1), 25, 1992
45. Wanjala, SM, Onyango, GK, Sekadde-Kigonde, CS. A prospective Study on the Treatment of Oligospermia with Tomoxifene at Kenyatta national Hospital. J. Obstet Gyneacol for East and Central Africa. 10(1), 31, 1992
46. Qureshi, Z.P., Sekadde-Kigonde, C.S. A Survey to Determine the Knowledge , Attitudes and Practice of Family Planning Amongst the Nursing Staff at Kenyatta National Hospital. J. Obstet. Gynaecol E.and Centr. Afric 9:49, 1991.
47. Sekadde-Kigonde, C. , Nyagero,J.M., Nicols, D.J. et al . A Knowlegde , Attitude , Practice and Provision of Family Planning Services by Kenyan Medical Doctors. A Report. 1992.
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50. Makhoka, A., Kirumbi, L.W., Sekadde- Kigonde C.S et al. Causes and Prevention of Maternal Mortality in Kenya: A report( 1993).
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55. Rukaria, RM, Sekadde-Kigonda CB and . Oyieke. JB. A knowlegde , attitude and practice survey on contraception among undergraduate female and male students in a university in Kenya. J. Obstet. Gynaecol E.and Centr. Afric 10:65, 1992.
56. Rukaria, RM, Sekadde-Kigonda CB and . Oyieke. JB. A knowlegde , attitude and practice survey on sexually transmitted diseases among undergraduate female and male students in a university in Kenya.. J. Obstet. Gynaecol E.and Centr. Afric 11: 3, 1993.
57. Sekadde-Kigonda, CB (editor) and HCG Sanghvi. Reproductive Newsletter, 1993
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58. B.G. Wolthers, M.G. Forest, L.D. Dikkeschei, P. Virutamasen, C. d'Arcangues, S. Leepipatpaiboon, R. Kriengsinyot, P. Vichaidith, P.N. Muia, C.B. Sekadde-Kigonda, J.K.G. 67. Mati, Pharmacodynamic Effects of Depot-Medroxyprogesterone Acetate (DMPA) Administered to Lactating Women on Their Male Infants, Contraception [54](#) (3) (1996) pp. 153-157.
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65. Noreh, J., Sekadde-Kigundu, C.B., Karanja, J.G., Thagana, N.G. Median Age at Menopause in a Rural Population of Western Kenya. *E.A.Med. J.* 74; 634, 1997.
66. Kasilima Y.S., Wango E.O., Mutayoba B.M., Sekadde-Kigundu C.B., Mola P, Winga J, Odong H. Schistosoma Mansoni. New Zealand Rabbit - Model. Effect on Plasma Testosterone levels. *Tanzanian Vet J.* Vol 17, 148, 1997.
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