

CURRICULUM VITAE

NAME : Peter Juma Ojwang

DATE OF BIRTH : 12 February, 1945

NATIONALITY : Kenyan

ID No: 8350397

**MEDICAL PRACTITIONERS
& DENTISTS BOARD NO:** A1840

PRESENT ADDRESS :

(Home) P.O. Box 842-40600
SIAYA

(Work) Dept of Pathology
School of Medicine
Maseno University
Private Bag, Maseno

Cell: 0723682590
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MARITAL STATUS : Married to Christine Joyce Ojwang

EDUCATION

1960 - 1963	:	St. Mary's Secondary School -Yala ('O'level)
1965 - 1966	:	Strathmore College of Arts and Sciences ('A' level)
1967 - 1972	:	University of Nairobi, Medical School (MBChB)
1974- 1979	:	University of Edinburgh, United Kingdom University of Dundee, United Kingdom Membership of the Royal College of Pathologists (M.R.C. Path.) in Chemical Pathology

AWARDS (UNDERGRADUATE)

- Distinction in Biochemistry
- Credits in - Anatomy
- Medicine
- Surgery

QUALIFICATIONS

M.B.Ch.B. (Nairobi) :	Bachelor of Medicine and Bachelor of Surgery. Obtained at the University of Nairobi, April, 1972.
M.R.C.Path (London) :	Member of the Royal College of Pathologists, United Kingdom in Chemical Pathology. Obtained in December, 1979.
F.R.C.Path (London) :	Fellow of the Royal College of Pathologists. Obtained in January, 1991.
FC Path (SA) :	Fellow of College of Pathologists of South Africa – January 2001

PRESENT APPOINTMENT

Jan 2014 to date **Professor and Chair**
Dept of Pathology
School of Medicine
Maseno University,
Kenya

PREVIOUS APPOINTMENTS AND POSITIONS HELD

Jan 2005 to **Professor and Chair Department of Pathology**
Dec 20013 **Aga Khan University Hospital**
 Nairobi
 Kenya

Aug. 2002 – Dec. 2004 **Professor & Head**
 Department of Chemical Pathology
 Faculty of Health Sciences
 University of the Witwatersrand
 Johannesburg South Africa

Jan 2002- July 2002 **Head**
 School of Pathology and Laboratory Medicine
 Nelson R Mandela School of Medicine
 Faculty of Health Sciences
 University of Natal, Durban, South Africa

July 2000 –July 2002 **Professor & Head**
 Department of Chemical Pathology
 Nelson R Mandela School of Medicine
 Faculty of Health Sciences
 University of Natal

Dec 1996 – June 2000 **Principal Specialist and Acting HOD**
 Department of Chemical Pathology
 Nelson R Mandela School of Medicine
 Faculty of Health Sciences
 University of Natal

Sept 1994 - Nov 1996 **Senior Lecturer in Chemical Pathology,**
 Department of Medical Sciences
 University of the North, South Africa

Nov 1990 - Sept 1994 **Associate Professor and Head**
 Academic Department of Clinical Chemistry
 University of Nairobi.

July 1987 - Nov 1990 **Associate Professor and Head of Sub-department of Clinical**
 Chemistry

- 1989 - 1992
 University of Nairobi
Chairman
 Division of Laboratory Medicine,
 Kenyatta National Referral and Teaching Hospital
 Nairobi, Kenya.
- Dec 1986
Temporary Consultant to the World Health Organisation,
 University of Ghana Medical School.
- Sept 1980 - July 1987
Senior Lecturer and Head of Sub-department of Clinical Chemistry,
 University of Nairobi.
 Honorary Consultant in Clinical Chemistry
 Kenyatta National Teaching and Referral Hospital,
 Nairobi, Kenya.
- Feb 1977 - March 1980
Senior Registrar and Honorary Lecturer,
 Department of Biochemical Medicine,
 University of Dundee, United Kingdom.
- July 1975 - Sept 1980
Lecturer in Chemical Pathology,
 University of Nairobi
- Sept 1974 - Jan 1977
 World Health Organisation (W.H.O.)
Fellow and Honorary Registrar
 Department of Clinical Chemistry,
 University of Edinburgh, United Kingdom.
- May 1973 - June 1974
Tutorial Fellow,
 Department of Human Pathology,
 University of Nairobi
- April 1972 - 1973
Medical Officer (Intern)
 Kenyatta National Hospital,
 Ministry of Health,
 Kenya.

TEACHING EXPERIENCE

- May 1973 - Sept 1974
 Tutorial and Practical classes in Pathology for 3rd Year Medical Students
 University of Nairobi, Kenya
- Oct 1974 - Jan 1977
 Practical Demonstration Classes in Clinical Chemistry to 3rd Year Medical Students
 University of Edinburgh, United Kingdom.
- Feb 1977 - March 1980
 Lectures and Tutorial Classes in Biochemical Medicine to 3rd, 4th and 5th Year Medical Students
 University of Dundee, Scotland, United Kingdom.

- April 1980 - Sept 1994 Undergraduate teaching : All Chemical Pathology lectures to 2nd, 3rd, 4th and 5th Year Medical Students and also to 3rd Year BDS students, 1st Year BSc. Nursing students, University of Nairobi. Postgraduate Teaching to M.Med students in Medicine, Paediatrics, Surgery and Pathology, University of Nairobi. Teaching of Technologists - Advanced Diploma Courses in Clinical Chemistry, Medical Training College, Kenya.
- Sept 1994 - Dec 1996 Chemical Pathology Teaching - 3rd year BSc (Med Sci), University of the North, South Africa
- Dec 1996 - Jul 2002 Chemical Pathology Teaching - 4th year and 1st year MBChB, University of Natal, South Africa.
- Dec 1996 - Jul 2002 Post Graduate Teaching - M Med Students, University of Natal, South Africa
National Diploma in Occupational Health, Department of Community Health, University of Natal, Durban.
- Aug. 2002 - Dec. 2004 Undergraduate and Postgraduate teaching
Faculty of Health Sciences
University of the Witwatersrand
SOUTH AFRICA
- Jan. 2005 - To-date Postgraduate teaching
Aga Khan University Hospital (Nairobi)

POSTGRADUATE SUPERVISION

- M.Med Thesis supervised - several
MSc Thesis: co-supervised - 1
PhD Theses: co-supervised - 1

ADMINISTRATIVE EXPERIENCE

- 1980 - 1994 Administration and Supervision of the Routine and Specialised Chemistry Diagnostic Services and the provision of consultant Services at the Kenyatta National Teaching Hospital, Nairobi, Kenya.
- 1982-1986 Director of Laboratories, The Aga Khan Hospital Laboratories, Nairobi, Kenya.
- 1989-1992 Administration of the Division of Laboratory Medicine, Kenyatta National Teaching Hospital, Nairobi, Kenya.
- 1980-1994 Headship of the University Section of Clinical Chemistry and subsequently the Dept. of Clinical Chemistry, University of Nairobi, Kenya.

- 1982-1994 Director and Consultant, Medical Diagnostic Laboratories, Nairobi, Kenya.
- 1996 to July 2000 Principal Specialist & Acting Head, Department of Chemical Pathology, Faculty of Medicine, University of Natal
- July 2000 to July 2002 Professor & Head, Department of Chemical Pathology, Nelson R Mandela School of Medicine, Faculty of Health Sciences, University of Natal.
- July 2001 to July 2002 Head: School of Pathology and Laboratory Medicine, University of Natal.
- Aug. 2002 to Dec. 2004 Professor & Head. Department of Chemical Pathology
Faculty of Health Sciences
University of the Witwatersrand
SOUTH AFRICA
- Jan. 2005 to Dec 2013 Professor and Chair. Department of Pathology
Aga Khan University Hospital (Nairobi)

Chairmanship of the Organising Committees of several seminars/conferences.

COURSES ATTENDED

- Oct 1975 The Organisation of Clinical Laboratories with Special Reference to Clinical Chemistry. A two week course organised by the Association of Clinical Biochemists (United Kingdom) - University of Edinburgh, United Kingdom.
- Oct 1978 Laboratory Instrumentation and Chemical Toxicology, University of Surrey, United Kingdom.
- Mar 1979 Management of Hyperlipidaemias at Kings College, Cambridge, United Kingdom.
- Apr 1979 a two week course in Paediatric Biochemistry, University of Newcastle-upon-Tyne, United Kingdom.
- June 1979 A two week course at the University of Birmingham, United Kingdom on:
- (i) Laboratory Management and Industrial Relations in Clinical Chemistry.
 - (ii) Data handling techniques including the role of computers in Clinical Chemistry.
- Nov 1979 One week course at the University of Dundee on : Teaching Methods for

Medical Undergraduates.

- Dec 1982 Short course on Advanced Methodology in Haemoglobin Chemistry at the Department of Molecular Biology, Medical College of Georgia, Augusta, Georgia, USA.
- July 1997 KwaZulu Natal Seminar on laboratory Management and Accreditation
- July 1998 KwaZulu Natal Symposium on Quality Control and Biochemical Markers of Osteoporosis
- Mar/Apr 1999 Short Course on Curriculum Development, University of Natal
- Sept 1999 KZN Symposium on Financial Management in Health Laboratories
- Feb 2003 Workshop on Problem Based Learning, Faculty of Health Sciences University of the Witwatersrand, South Africa.
- May 2005 Leadership Course
Aga Khan University Karachi
- Jan 2007 Research Methodology Workshop
Aga Khan University Hospital (Nairobi)
- April 2007 Exam Setting Workshop
Aga Khan University Hospital (Nairobi)

CONFERENCES ATTENDED

- Nov 1980 1st African, Mediterranean and Near East Congress of Clinical Chemistry- Milan, Italy.
- April 1981 The Scandinavian Congress of Clinical Chemistry, Copenhagen, Denmark.
- Sept 1981 XI International Congress of Clinical Chemistry, Vienna, Austria.
- April 1983 The 30th International Conference of the Association of Physicians of East and Central Africa, Harare, Zimbabwe.
- June 1983 2nd African Mediterranean and Near East Congress of Clinical Chemistry, Cairo, Egypt.
- Oct 1983 The Inaugural Conference of the Clinical Chemists Association of Kenya.
- June 1984 The 31st International Conference of the Association of Physicians of East Africa, Mombasa.
- Oct 1986 The 3rd African Mediterranean and Near East Congress of Clinical Chemistry, Spain.

- June 1987 The XIII International Congress of Clinical Chemistry, the Hague, Holland.
- March 1989 3rd Scientific Conference and Inauguration of Association of Pathologists of Tanzania.
- Jan 16th-19th 4th African Mediterranean and Near East Congress of Clinical Chemistry, 1990 Nairobi, Kenya.
- July 1990 14th International Congress of Clinical Chemistry, San Francisco, U.S.A.
- Oct 1991 XIV European Congress of Clinical Chemistry, Cracow, Poland

JUNE 1992 : LECTURE TOUR : (as Guest of the South African Association of Clinical Biochemistry)

Lectures given at :

- University of Pretoria
- South African Institute for Medical Research & University of Witwatersrand
- MEDUNSA
- University of Cape Town
- Tygerberg Hospital - University of Stellenbosch
- University of Natal

- June 1992 Congress of the Federation of South African Societies of Pathology (Guest Speaker), Wild Coast Sun, South Africa.
- Oct 1992 Inaugural Conference of the Kenya Association of Clinical Pathologists.
- Nov 1993 15th Congress of the International Federation of Clinical Chemistry, Melbourne, Australia.
- May 1994 First Afro-Arab Congress of Clinical Chemistry, Damascus, Syria.
- Sept 1994 Third Biennial Conference of The Association of Pathologists of East Central and Southern Africa (Keynote Speaker) Kampala, Uganda.
- July 1995 35th Conference of the Federation of South African Societies of Pathology. Bloemfontein, South Africa.
- July 1996 36th Conference of the Federation of South African Societies of Pathology. Karos Lodge, Kruger National Park, South Africa.
- July 1997 37th Conference of the Federation of South African Societies of Pathology. Cape Town
- July 1998 38th Conference of the Federation of South African Societies of Pathology. University of Pretoria.

- Sept 1999 39th Conference of the Federation of South African Societies of Pathology, Durban.
- Oct 1999 7th Annual Conference of the Kenya Association of Clinical Pathologists, Nairobi, Kenya (Guest Speaker)
- July 2000 40th Conference of the Federation of South African Societies of Pathology, Warmbaths.
- July 2001 41st Congress of the Federation of South African Societies of Pathology, Cape Town, South Africa.
- May 2002 Focus Meeting – Association of Clinical Biochemistry, United Kingdom, Glasgow, UK.
- July 2003 42nd Congress of the Federation of South African Societies of Pathology, Johannesburg South Africa
- Aug. 2006 8th Biennial APECSA Congress, Arusha Tanzania

EXAMINER : INTERNAL

- Undergraduate and postgraduate examinations-University of Nairobi, 1980 to 19194
- 4TH Year MBChB, Faculty of Medicine, University of Natal, 1996 to 2002.
- 4th year MBChB faculty of Health Sciences, University of the Witwatersrand- 2002-2004
- Convenor – FC Path Examination (Chemical Pathology) 1998, 1999, 2002 College of Medicine of South Africa
- M Med Thesis, University of Natal – 2000
- PhD Thesis, University of Natal – 2000

EXAMINER : EXTERNAL

- 1986, 1994, 1996 External Examiner in Chemical Pathology, University of Ghana Medical School.
- 1988, 1989, 1991, 1999 External Examiner in Chemical Pathology University of Dar-es-Saalam.
- 1990, 1991, 1992 External Examiner in Chemical Pathology University of Zimbabwe.
- 1990 External Examiner Ph.D Thesis from Makerere University, Uganda

1990	External Assessor Promotion from Lecturer to Senior Lecturer in Clinical Chemistry University of Dar-es-Salaam
1990	External Assessor Promotion from Senior Lecturer to Reader University of Nigeria, Nsuka.
1991	External Examiner in Chemical Pathology Moi University, Kenya.
1992, 1993, 1999	External Examiner in Chemical Pathology University of Pretoria, South Africa
1992, 1998 2001	External Examiner in Chemical Pathology, University of Cape Town, South Africa
1997, 1999, 2000	External Examiner in Chemical Pathology, University of Transkei, South Africa
1998, 1999, 2000, 2002	External Examiner in Chemical Pathology, Medical University of Southern Africa (MEDUNSA)
1999	External Examiner in Chemical Pathology University of Malawi
2001, 2002, 2003	External Examiner in Chemical Pathology University of Nairobi
1998	External Examiner : <u>MSc Thesis</u>
1998	- MEDUNSA
1999	- University of the North , SA
1999	- University of Cape Town
1999	- University of Pretoria
2002	- University of the Witwatersrand
2002	: <u>M Med Part II Thesis</u>
	- University of Cape Town
	: <u>College of Medicine of South Africa</u>
2001	- University of Free State
1999	- University of Pretoria
	External Assessor - Promotion to Associate Professor

1998

University of Pretoria , SA

MEMBERSHIP OF COMMITTEES

- 1988 Member of the University of Nairobi Inter-Faculty Committee on Research in Biotechnology
- 1987 - 1994 Member of the Health Specialist Committee of the Council for Science and Technology, Kenya.
- 1987 Member of the Technical Evaluation Committee for the Kenyatta National Hospital
- 1987 Member of the Advisory Panel for Medical laboratory Sciences, Kenya Polytechnic, Kenya.
- 1989 Chairman - Committee on the Manufacture of Vaccines and Biologicals for Human use and Diagnostic Reagents, Ministry of Health, Kenya
- 1989 Member - Committee on the Manufacture, Production and Use of Asbestos and Asbestos Products, Ministry of Health, Kenya.
- 1985 - 1989 Member of the College of Health Sciences Library Committee – University of Nairobi, Kenya
- 1987 - 1994 Member of the College Academic Board, College of Health Sciences, University of Nairobi.
- 1990 - 1994 Member of the College Management Board, College of Health Sciences, University of Nairobi.
- 1991 - 2000 Member of the World Health Organisation Expert Panel on Health Laboratory Services
- 1998 – Jul 02 Member of the Undergraduate Committee, Faculty of Medicine, University of Natal
- 1996 – Jul 02 Member : Curriculum Development Committee, Faculty of Medicine, University of Natal
- 1998 – Jul 02 Member of Research Ethics Committee, Faculty of Medicine, University of Natal
- 1998 – Jul 02 Member of Postgraduate Committee, Faculty of Medicine, University of Natal
- Jan 01–Jul 02 Faculty Representative to the University Research Committee
- 2000 – Jul 02 Chair – Chemical Pathology/Clinical Pathology Subcommittee of the College of Pathologists (SA) – a Faculty of the College of Medicine of South Africa (CMSA)
- Aug01–Jul 02 Faculty Representative to the National Health Laboratory Services Trust

- Jan 02–Jul 02 Member of the Faculty Executive – Faculty of Health Sciences, University of Natal.
- Jan 02–Jul 02 Member of the Academic Promotions Committee – Faculty of Health Sciences, University of Natal.
- Jan 02–Jul 02 Member of the Faculty Strategic Planning Committee – Faculty of Health Sciences, University of Natal.
- Aug 2002 to Dec. 2004 Member, Faculty Board, Faculty of Health Sciences, University of The Witwatersrand
- Aug 2002 Dec. 2004 Member of Senate, University of the Witwatersrand
- Aug 02 Dec. 2004 Member of Ethics and Standards Committee, Faculty of Health Sciences University of the Witwatersrand
- Aug 02 Dec. 2004 Member of Equal Opportunity Committee, Faculty of Health Sciences, University of the Witwatersrand.
- Mar. 2005 To date Chair – Research Committee – Aga Khan University Hospital (Nairobi)
- May 2007 To date Chair – Scientific Committee – KARSCOM – National Aids Control Council, Kenya

MEMBERSHIP OF EDITORIAL BOARDS

- 1993 to date Member of the Board of International Editors for the Annals of Clinical Biochemistry (Journal of the Association of Clinical Biochemists) of the United Kingdom
- 1986 – 1994 Member of the Editorial Board of Medicom (African Journal of Medicine, Nairobi)
- 1986 – 1992 Member of Editorial Board for Newsletter of the African Mediterranean and Near East Region of the IFCC (International Federation of Clinical Chemistry)

PROFESSIONAL ASSOCIATIONS AND SOCIETIES

- 1982 - 1991 Founder Chairman - Clinical Chemists Association of Kenya
- 1986 - 1990 Chairman - The Regional Congress Committee of the International

Federation of Clinical Chemistry (AMNEC)

1990	Chairman - The Local Organising Committee of the 4th African Mediterranean and Near East Congress of Clinical Chemistry, Nairobi, Kenya
1989 - 1993	Founder Chairman - Kenya Association of Clinical Pathologists
1990	Chief Local Co-ordinator - WHO Training Course in Clinical Chemistry and Microbiology, Kenya
1991 - 1996	Member of the International Federation of Clinical Chemistry (IFCC) Congress Committee
1996 - 1999	Member of the Executive Committee of the South African Association of Clinical Biochemistry - Regional Representative for Africa
1998 - 2000	President Elect - Federation of South African Societies of Pathology
1998 - 2000	President - Association of Pathologists of East Central and Southern Africa (APECSA)
2000 to 2002	President - Federation of South African Societies of Pathology
2002 to 2004	President- College of Pathologists of The Colleges of Medicine of South Africa

PAPERS PRESENTED AT CONFERENCES/SYMPOSIA

1. **Ojwang P.J.**
Criteria for the purchase of Multichannel Analysers in the developing Countries.
1st African, Mediterranean and Near East Congress of Clinical Chemistry, Milan, Italy, 1980.
2. **Ojwang P.J.**
Functions and Practical problems for the Clinical Chemist in Developing Countries.
XI International Congress of Clinical Chemistry, Vienna Austria, 1981.
3. **Ojwang P.J.**
Secondary Clinical Gout in African Patients with chronic Renal Failure.
30th Scientific Conference of the Association of Physicians of East and Central Africa, Harare, Zimbabwe, April 1983.
4. **Ojwang P.J.**
Sickle Cell Anaemia and other abnormal human haemoglobins in Kenya.
1st Inaugural Conference of the Clinical Chemists' Association of Kenya, Nairobi, October 1983.

5. **Ojwang PJ, Mengech HNK.**
Single Dose Pharmacokinetics of a controlled Lithium preparation "Liskonum" in African patients suffering from chronic depressive Psychosis.
31st Scientific Conference of the Association of Physicians of East and Central Africa, Mombasa, Kenya, 1984.
6. **Ojwang PJ.**
Abnormal human Haemoglobins in Western Kenya.
31st Scientific Conference of the Association of Physicians of East and Central Africa, Mombasa, Kenya, 1984.
7. **Ojwang PJ, Huisman T.**
B-haplotypes and alpha-thalassaemia in Sickle Cell Anaemia from Western Kenya.
Inaugural Scientific Meeting of the Association of Pathologists of Tanzania, 1989.
8. **Ojwang PJ, Mbiti M.**
Serum Calcium, Creatinine, Inorganic Phosphate, Urea Nitrogen and Electrolyte reference intervals for Kenyan Africans age 50 years and above
4th African Mediterranean and Near East Congress of Clinical Chemistry, Nairobi, Kenya, January 1990.
9. **Ojwang PJ.**
Sickle Cell anaemia and other abnormal human haemoglobins in Kenya.
Federation of South African Societies of Pathology Congress, Wild Coast Sun, South Africa June 1992.
10. **Ojwang PJ.**
Rational Use of New Technology.
XV Int. Federation of Clinical Chemistry Congress, November 1993, Melbourne, Australia.
11. **Ojwang PJ.**
Good Laboratory Practice. Keynote address
3rd Biennial Congress of the Association of Pathologists of East Central and Southern Africa. 12-14th Sept. 1994. Kampala, Uganda
12. **Choma S, Alberts M, Ojwang PJ.**
Lipoprotein (Lpa) in African subjects.
Federation of South African Societies of Pathology Congress, Bloemfontein, July 1995.
13. **Ojwang PJ.**
Laboratory Accreditation.
1st KZN Chemical Pathology Symposium. Durban. 1997.
14. **Ojwang PJ.**
Biochemical markers of bone turnover and osteoporosis.
2nd KZN Chemical Pathology Symposium. Durban. 1998.

15. **Ojwang PJ, Pegoraro RJ, Giles I, Lanning P, Rom L.**
Apa 1 and Taq 1 vitamin D receptor gene polymorphisms in South African whites, blacks and Indians.
Federation of South African Societies of Pathology Congress, Pretoria, July 1998.
16. Akinsooto VS, **Ojwang PJ, Moodley J.**
Soluble transferrin receptors in anaemia of pregnancy.
39th Conference of the Federation of South African Societies of Pathology (FSASP), Durban, 1999.
17. Ganpath P, **Ojwang PJ, Manickum T, Deppe WM.**
Rapid high-performance liquid chromatographic assay for total homocysteine levels in human serum (Method development).
Faculty Research Day, University of Natal, Faculty of Medicine, Durban, 1995.
18. Juta S, Motala AA, Pirie FJ, Omar MAK, **Ojwang PJ.**
The role of glutamate decarboxylase (GAD) antibodies on C-peptide measurement in South African black and Indian subjects with Diabetes Mellitus.
17th Department of Medicine Annual Clinical Research Day, Durban, 1999.
19. **Ojwang PJ.**
Impact of management on laboratory service costs.
3rd KZN Chemical Pathology Symposium, Durban, 1999.
20. Pegoraro RJ, **Ojwang PJ, Lanning PA, Rom L, Motala AA, Pirie FJ, Omar MAK.**
Point mutation (C446S) in the thyroid hormone receptor β gene in a black South African kindred with thyroid hormone resistance.
39th Conference of the Federation of the South African Societies of Pathology (FSASP), Durban, 1999.
21. Pegoraro RJ, **Ojwang PJ, Lanning PA, Rom L.**
A collagen Type 1 α 1 gene polymorphism in South African whites, blacks and Indians.
39th Conference of the Federation of the South African Societies of Pathology (FSASP), Durban, 1999.
22. **Ojwang PJ.**
National Health Laboratory Services in Kenya. Challenges for the New Millennium.
2nd Prof. Edward Kasili Memorial Lecture. 7th Annual Scientific Conference – Kenya Association of Clinical Pathologists, Nairobi, 1999.
23. **Ojwang PJ.**
Osteoporosis. An introduction.
39th Conference of the Federation of South African Societies of Pathology (FSASP), Durban, 1999.
24. **Ojwang PJ, Pegoraro RJ, Sankar R, Deppe WM, McKerrow N, Verughese L, Goodman SI, Stoker AF.**
Glutaric aciduria Type I in a black South African male child. 40th Conference of the South African Societies of Pathology, Warmbaths, 2000.

25. Poovalingam V, Vythilingum S, Patel J, Ojwang P J. **Plasma homocysteine levels in South African Whites, Indians and African patients with and without coronary disease.** 15th International Congress of Haematology, Paris, 2001.
26. Choma S R, Alberts M, Urdal P, Ojwang P J, Haug-Foss K B. **African Iron overload in the rural Pedi Community of the Northern Province of South Africa.** 41st Congress of the federation of South African Societies of Pathology, Cape Town, June/July 2001.
27. Ojwang P J. **Ethical and medico-legal issues in Chemical Pathology.** Workshop on Ethical and medico-legal issues in Laboratory Medicine. Nelson R Mandela School of Medicine, University of Natal June 2001.
28. Marino LV, French S, Kiratu E, Ojwang P.J, Thomson SR, Nathoo N. **To determine the effect of metoclopramide on gastric emptying in severe head injuries: A prospective, randomized, controlled clinical trial.** 8th Biennial Congress of South African Enteral and Parenteral Nutrition, Cape Town 25th – 27th September 2001.
29. Marino LV, French S, Kiratu E, Ojwang P, Thomson SR, Nathoo N. **To determine the effect of metoclopramide on gastric emptying in severe head injuries: A prospective, randomised, controlled clinical trial.** 29th Surgical Research Society of Southern Africa Congress, Wits Business School, Johannesburg, 26th – 27th July 2001.
30. Ojwang PJ, Pegoraro RJ, Choma SR, Alberts M. **African Iron Overload Analysis of HFE and non- HFE gene mutations seen in haemochromatosis.** 42nd Conference of the Federation of South African Societies of Pathology, Bloemfontein, South Africa – July 2002.
31. Ojwang P J **Chemical Pathology training at the cross-roads in South Africa.** 42nd Conference of the Federation of South African Societies of Pathology, Bloemfontein, South Africa – July 2002.
32. Ojwang PJ **Pathology Practice in the New South African Environment.** National Health Laboratory Service Strategic Planning Workshop, Johannesburg – August 2002.
33. Ojwang PJ , Pegoraro R.J, Rom L, Lanning P **The Vitamin D Receptor and Collagen Gene Polymorphisms in Different South African Racial Groups.** Society of Endocrinology, Metabolism and Diabetes of South Africa 2003 Congress The Drakensberg—South Africa.
34. Ojwang PJ **Molecular Aspects of Iron Absorption and Iron Overload.** 43rd Congress of the Federation of South African Societies of Pathology University of the Witwatersrand—Johannesburg - July 2003

- 35 **P.J. Ojwang**
Postgraduate Medical Education in Pathology
9th Biennial APECSA Conference Mombasa- Kenya, 2008
- 36 **P.J. Ojwang**
Key Note Address: Enhancement of Knowledge and improving patient outcomes
14th Annual Conference- Association of Medical Council of Africa. Mombasa, Kenya.
September 2009
- 37 **P.J. Ojwang**
Pathology Training in East, Central and Southern Africa.
10th Biennial APECSA Conference Kampala, Uganda.
- 38 **P.J. Ojwang**
Vitamin D deficiency – A major worldwide health concern.
Medlab Africa- Johannesburg, South Africa, May 2001.
- 39 **P.J. Ojwang**
Clinical and Scientific leadership in Laboratory Quality improvement and Accreditation.
Faculty of Health Science- University of Zimbabwe, September 2011.
- 40 **P.J. Ojwang**
Role of Pathologists in Accreditation of Laboratories
Kenya Association of Clinical Pathologists 20th Anniversary- Lukenya Country Lodge,
Kenya- August 2011
- 41 **P.J. Ojwang**
Aspects of Accreditation of Outreach Centres at the Aga Khan Hospital, Nairobi.
Kenya Association of Clinical Pathologists Symposium- Nairobi- 2011
- 42 **P.J. Ojwang**
Challenges of Point of Care Testing in the Outreach Centres of the Aga Khan University Hospital, Nairobi
48th Federation of South African Society of Pathology Conference, Cape Town, South Africa, November, 2012.
- 43 **P.J. Ojwang**
Harmonisation of Postgraduate Pathology Training in East Africa.
14th Conference of the Kenya Association of Clinical Pathologists- October 2015- Southern Palm Resort- Mombasa

PREVIOUS RESEARCH INTERESTS

1. **Research on Haemoglobinopathies (1992 – 1994), IN COLLABORATION WITH THE Dept. of Molecular Biology, Medical College of Georgia, USA.**
 - Findings included :
 - (a) Detection of a new haemoglobin - Haemoglobin (Hb) - Kenya.
 - (b) Detection of Hb-Savaria - the first case in a black person and the second in the literature.
 - (c) Detection of first case of Hb-J Amiens in E. Africa.
 - (d) Detection of Alpha-Thalassaemia for the first time in Kenya.
 - (e) Haplotypes of sickle cell anaemia in Kenya.
2. **Metabolic Complications of Chronic Alcoholism among Kenyans.**
3. **Lipids and Lipoprotein changes in health and disease among Kenyans.**
4. **Comparative Study of the effects of long-acting progestogens on Lipid and Lipoprotein metabolism** (W.H.O. Special Programme of Research, Development and Research in Human Reproduction) in collaboration with the Department of Obstetrics and Gynaecology, University of Nairobi.
5. W.H.O. collaborative study on **Treatment and management of persons with harmful alcohol consumption** in collaboration with the Department of Psychiatry, University of Nairobi.
6. **Maternal Alpha-Foetal Protein in Health and Disease** in collaboration with the Department of Obstetrics and Gynaecology, Faculty of Medicine, University of Nairobi.
7. **Research on Thyroid Disease, with special Reference to Hypothyroidism among the elderly hospital in-patient population at the Kenyatta National Hospital, Nairobi, Kenya.**
8. International collaborative study on **Ethnic Differences in the Activity of Hepatic Hydroxylating enzymes.**
9. **A Study of Chronic Disease of Life-style - Diabetes Mellitus, Hypertension, Cardiovascular disease, Anaemia, Thyroid dysfunction, in collaboration with the Department of Medical Sciences, University of the North, South Africa.**

CURRENT MAIN RESEARCH INTERESTS

- A Study of Bone Turnover and Osteoporosis Among South Africans
- Application of Molecular Techniques in the Diagnosis of Disease
- A Study of Chronic Disease of Life-style - Diabetes Mellitus, Hypertension, Cardiovascular disease, Anaemia, Thyroid dysfunction, in collaboration with the Department of Medical Sciences, University of the North, South Africa.

• Anti-Retroviral Drug Resistance Testing in HIV:
RESEARCH GRANTS

1997	University Research Fund	R8000
1998	University Research Fund	R8000
1999	University Research Fund	R10000
2000	University Research Fund	R10000
2001	University Research Fund	R12000
2002	University Research Fund	R19000
2003	University Research Fund	R20000
2006	Aga Khan University URC	\$27000

PUBLICATIONS

1. **Ojwang, P.J.**
 Deep Mycoses in Kenya. *The Nairobi Journal of Medicine*: November, 1970.
2. **Ojwang, P.J.**
 Measles in Tropical Africa. *The Nairobi Journal of Medicine*: **1**: 16, March-April, 1971
3. Kendall, A.G.; **Ojwang, P.J.**; Schroeder, W.A.; Huisman, T.H.J.
 Haemoglobin Kenya, the product of a gamma-beta fusion gene. Studies of the family. *American Journal of Human Genetics*: **25(5)**: 548-63, 1973 Sept.
4. **Ojwang, P.J.**; Gitau W.; Ojiambo, H.P.
 Amyloidosis at the Kenyatta National Hospital. *East African Medical Journal*: **51(1)**: 51-5, 1974 Jan.
5. Kendall, A.G.; **Ojwang, P.J.**
 The Kenya Haemoglobin. *East African Medical Journal*: **51(6)**: 434-43, 1974 June.
6. Iqbal, J.S.; **Ojwang P.J.**
 Severe Hyponatraemia in hospital in-patients. *British Medical Journal* **I(6163)**: 618, 1979 Mar 3 (Letter to the Editor).
7. Iqbal, J.S.; **Ojwang, P.J.**
 Severe Hyponatraemia in hospital in-patients. *British Medical Journal*: **II**, 1649; 1979 (Letter to the Editor)
8. **Ojwang, P.J.**
 Criteria for the purchase of Multichannel Analysers in developing Countries. *Clinical Chemistry Newsletter*, Page 347; 1980.
9. **Ojwang, P.J.**
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