

PERSONAL

Name: PAUL HARVEY SKELTON
Birth: August 1948, Johannesburg, South Africa.
Nationality: South African
ID Number: 480829 5037 081
Marital status: Married (to Anne Frances nee Heffer), with two sons (John, born 1980; Robert born 1985) and one daughter (Sarah, born 1982).
Home address: 1 Oatlands Place, 26 Oatlands Road, Grahamstown 6139 (phone: 0461-6223498)
EMAIL: p.skelton@ru.ac.za

Education

EDUCATION

Primary and Secondary

- St Pauls Preparatory School, Maryvale, Johannesburg (1954-1960)
- St Benedicts College, Bedfordview (1961-1965)(JMB Matric 1965)

Tertiary

- B.Sc. (Zoology, Entomology) Class II, Rhodes University, Grahamstown. (1967-1969)
 - B.Sc.(Hons) (Zoology) Class II div I, Rhodes University, Grahamstown. (1970)
 - Ph.D. (Ichthyology), Rhodes University, Grahamstown, 1980. Thesis - Systematics and biogeography of the redfin minnows (Pisces, Cyprinidae) from southern Africa.
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EMPLOYMENT

EMPLOYMENT

Current: Managing Director, South African Institute for Aquatic Biodiversity, National Research Foundation (since January 1999)

Note: Appointed as full Professor at Rhodes University 1996; a non-employment post.

- **April 1995-December 1998:** Director, J.L.B. Smith Institute of Ichthyology, Grahamstown [JLB Smith Institute transferred to National Research Foundation as a National Facility in January 1999, renamed South African Institute for Aquatic Biodiversity 2003].
- **January 1984-March 1995:** Curator of freshwater fishes, J.L.B. Smith Institute of Ichthyology, Grahamstown.
- **January 1972-December 1983:** Curator of Fishes, Albany Museum, Grahamstown

- **January 1967- December 1971:** full time student, Rhodes University
- **January 1966-December 1966:** Anglo American Corporation, Learner Colliery Official.

AWARDS & GRANTS

Awards

- Ewer Prize in Zoology, Rhodes University : 1970
- South African Society of Aquatic Scientists, Silver Medal 1997
- Museum Scientist, Special Merit Award, FRD (Visit to Humboldt Museum, Berlin) : 1991
- Museum Scientist, Special Merit Award, FRD (Cytogenetics workshop, Concameau) : 1992

Research Grants:

- Post-Doctoral bursary, CSIR : 1981
- Overseas travel award, Cape Provincial Administration 1981
- Core Grant Award, FRD/CSIR : 1985-1988
- Core Grant Award, FRD : 1989-1992; 1993-1996; 1997-2000
- Council Award, J.L.B. Smith Institute of Ichthyology : 1994
- FRD liaison grant 1995

Research Travel Awards:

- Overseas Travel Award, FRD/CSIR : 1985
- Overseas Travel Award, FRD/CSIR : 1987
- Overseas travel Award, FRD/CSIR : 1988
- Overseas Travel Grant: Anglo American & De Beers Chairmans Fund : 1990
- Overseas Travel Grant: Endangered Wildlife Trust : 1990
- FRD travel grant for student to visit Israel, 1994
- Research Associate, American Museum of Natural History, New York 1999-2002/2003-2005. Travel and visitor grants 1999, 2001, 2002, 2004.
- Royal Museum for Central Africa, Tervuren, Belgium, Research Visitorship Award 2003.

PROFESSIONAL MEMBERSHIPS

Professional Society Memberships

- Zoological Society of Southern Africa :1972 - 1983; 1992 - present.
- Southern African Society of Aquatic Scientists (Limnological Society of Southern Africa): 1972 - present; Hon Treasurer 1982 - 1984.
- American Society of Ichthyologists and Herpetologists : 1973 - 2001.
- South African Institute of Ecologists and Environmental Scientists: 1980 - present.
- European Ichthyological Union : 1984 - present.
- Societe Francaise D'Ichthyologie : 1987 - 1992
- Royal Society of South Africa : 1988 - present.

- African Fish and Fisheries Association (PARADI/PAFFA): 1993 - present.
- Southern African Museums Association: 1996- present

PROFESSIONAL EXPERIENCE

Work Experience

Curation: Albany Museum (1972-1983): I had extensive first hand curatorial experience with the wet collection of freshwater fishes as well as the herpetological and bird (dry) collections. The fish collection increased 5.5 times (from _____ expanded in scope to include osteological specimens, colour slides of fishes and habitats, and scales. J.L.B. Smith Institute of Ichthyology: Served as Chairman of the Curation Committee and taken an active part in developing the freshwater component of the National Fish Collection.

Field/Systematic surveys: I have conducted fish surveys extensively throughout Southern Africa, especially in the rivers of the Cape old Mountains (1970s) and in the Okavango River and Delta (1980s). Major expeditions or research trips include: Olifants River (1973, 1974, 1981), Southern & Eastern Cape (1972, 1973, 1974), Lesotho (1973, 1975, 1988-89, 1995), Caprivi (1975), Natal (1983), Okavango(1982-6), Kunene (1992, 1997), Mkuze (1988), north-east Cape (1991-2), Zimbabwe (1989), Malawi (1989, 1992), Orange River (1973, 1981, 1994), Namibia (caves) (1987), Waterberg (1989), Tanzania (1995), Upper Zambezi, Zambia (October 2002), Kwanza river, Angola (2007).

Management & Administration:

Director JLB Smith Institute of Ichthyology 1995-1998.

Managing Director SAIAB 1999-present.

Member of Executive of the National Research Foundation 1999-present.

Management experience within the NRF includes providing strategic planning guidance to National Facilities including The Hermanus Magnetic Observatory and the National Zoological Gardens. In addition a Performance Management system for scientists was developed for SAIAB researchers and this system was presented to management of other National Facilities and to the Western Cape Nature Conservation Board. Planned and managed the development of an off-site collection facility for SAIAB (R14m) 2003-2007.

RESEARCH

NRF rating: 1985-1996: C (C1)

Publications and Presentations: 78 peer-reviewed scientific publications; 126 popular scientific and other publications; 32 Research Reports (See separate lists of scientific and other publications and of conference presentations).

Systematics

1. **Ph.D. studies:** My in-depth work on redbin minnows was the first detailed study of taxonomic characters, osteology, phylogeny and biogeography of African cyprinids (publications # 2, 3, 4, 18, 27). The elucidation of the relationships of

the redbfin minnows and of the Maloti (or Drakensberg) minnow and the biogeography of the redbfin lineage were major advances in the explanation of freshwater fish distribution in southern Africa.

2. **Taxonomic contributions:** Besides several detailed species revisions and descriptions my most significant taxonomic contributions include: a revision of Zambebian mastacembelids (# 5); the generic identity of *Austroglanis* catfishes (now considered a separate family) (# 9, 16); revisions of amphiliid catfishes (# 12, 19, 21, 22, 29) including a full West African faunal review (# 48) and a review of the family from West Central Africa (# 71,76); resolution of the taxonomic identity of *Ctenopoma intermedium* (# 25); a revision of southern African clariids (# 46, 47); a region-wide revision of the genus *Opsaridium* (# 54).
3. **Biogeographic studies:** I have radically revised the view of southern African freshwater fish biogeography by recognising broad ecological affinities and integrating these with specific models of drainage history (# 18, 53). My most recent paper is a detailed synthesis of the freshwater fish faunas of East and Southern Africa and the biogeography of the latter (#).
4. **Cytogenetics:** My contributions with students have exposed the remarkable degree of polyploidy in southern African barbine cyprinids and have provided a major advance to resolving the taxonomic problem of the complex genus *Barbus* (# 33). I was invited to give the welcoming address to the international cytogenetic symposium at the 8th SEI Congress in Oviedo in 1994 and was invited to address an International *Barbus* workshop on *Barbus* cytogenetics in the Czech Republic in 1995 (cancelled when appointed as Director of the JLB Smith Institute).
5. **Book:** "A complete Guide to the Freshwater Fishes of Southern Africa" is the first comprehensive account of this fauna readily available to the public in 25 years. The Afrikaans version is the first and only comprehensive account of the fauna in that language. Awarded the SASAQS Silver Medal (1997) for this production. A revised edition of this book was published by Struik Publishers, 2001.
6. **Freshwater fish database and Atlas:** Initiated student MSc project to assemble a freshwater fish of southern Africa database and develop a GIS atlas of fish distribution in Southern Africa. The student was awarded her degree cum laude in 2000. The database includes records from 19 international collections and the resulting Atlas was published as a Smithiana Monograph (2) of SAIAB in 2006.

Conservation

1. Served on the IUCN Species Survival Commission, Freshwater Fish Group since 1976. I have continued to co-ordinate and compile the IUCN redlist contributions for southern African freshwater fishes including the most recent re-assessment (1996) based on the new IUCN criteria. Appointed as the Southern African Regional Co-ordinator to the reconstituted committee in 2006.
2. Produced the South African Red Data Book - Fishes (publication # 6, 23) and of the IUCN red data sheets for southern African fishes (publication # 7).

3. Presentation of an overview of conservation of threatened fishes in southern Africa to the International symposium on "The Biology and Conservation of Rare Fish" at Lancaster University, U.K. in 1990 (publication # 35).
4. Have conducted conservation research on the Twee River redbfin (M Marriott MSc project 1997-1998)
5. Project Leader for a major contract on the conservation of the Maloti minnow in the face of threats posed by the Lesotho Highlands Water Project (2000-2004).
6. Conducted research on the impact of bass on the fauna of Blindekloof River, Groendal Wilderness Area:1989-1990.
7. Participated in the Conservation International AquaRAP, Okavango Delta, Botswana, June 2000
8. Convenor Freshwater Alien Invasive Species, DEAT task force to develop the regulations for the National Environmental Management: Biodiversity Act (NEM:BA) 2005.
9. Serve on the Steering Committee for the (South African National Freshwater Biodiversity Collaboration.

CONTRACT AND CONSULTATION PROJECTS

Consultancy and externally funded Projects

- Fishes of the Okavango River in relation to the Eastern National Water Carrier, South West Africa/Namibia, Department of Water Affairs : 1984-1986.
- Joint Lesotho-South African Maluti/Drakensberg Mountain catchment conservation project, riverine aquatic fauna: 1988-1989.
- Fishes of the Limpopo River, Ninham Shand, 1989.
- Survey of the North-east Cape, Mondi Forests: 1991-1992.
- Fish of the Lower Orange, baseline study, Consolidated Diamond Mines, Namibia: 1994.
- Fish of the Keurboom River, Ninham Shand (for Department of Water Affairs): 1994
- Fisheries Consultancy, Lesotho Highlands Development Authority: 1995.
- Fisheries Development Project, Lesotho Highlands Development Authority 1996-2001 (R6.2m)
- Survey of southern Tanzania rivers (FRD liaison grant) 1995
- Cape Nature Conservation 1996: Biology, Ecology and Conservation of the Twee River redbfin,
- Consultation: Advisory assistance to the Ministry of Fisheries and Marine Resources, Republic of Namibia, GOPA-Consultants, Homburg, Germany. 1999-2000: Assessment of the capacity and infrastructure needed for the management of inland fisheries resources.
- Maloti minnow conservation project; Lesotho Highlands Development Authority, 2000-2004 (R1.6m)
- Project Leader: African Wildlife Foundation, Four Corners Transboundary Natural Resource Management Area Project: Aquatic Biodiversity Survey, Upper Zambezi River. October 2002-June 2004. (\$120k)
- Project leader: Southern Africa: Integration of Freshwater biodiversity in the development process throughout Africa: mobilising information and site

- demonstrations. IUCN, Wetlands International, SAIAB; European Commission, 2005 (Euros 2.567 775)
- Project Leader – NRF funded Angolan freshwater biodiversity – Kwanza river. 2007 – 2008 (R700k)

RESEARCH TRAVEL AND CONFERENCES ABROAD

Research trips abroad

- 1974: UK and Europe: Visited British Museum (Natural History), (BMNH). (Privately funded).
- 1978: UK and Europe: Visited the BMNH and other museum .(Privately funded).
- 1979: Kenya: Attended the United Nations Environment Programme and SIL (Societas International Limnologicae) Workshop on African Limnology (Nairobi, Kenya).
- 1981: Six months post-doctoral study visit to UK, Europe and North America. Visits to BMNH, Museum National d'Histoire Naturelle (MNHN), Musée royal de l'Afrique Centrale (Tervuren) (MRAC), Natural History Museum (Vienna), Royal Ontario Museum (Toronto). Attended Annual Meeting of the American Society of Ichthyologists and Herpetologists in Corvallis, Oregon, U.S.A.
- 1985: Sweden, Germany, Belgium, France and UK: Attended the Fifth Congress of European Ichthyologists in Stockholm, Sweden. Visited Naturhistoriska Riksmuseet, Stockholm, Zoologisches Institut und Museum, Hamburg, MRAC (Tervuren), MNHN (Paris) and the BMNH (London).
- 1987: France, Belgium and UK: By invitation visited Museum National d'Histoire Naturelle (Paris) for two months in order to carry out systematic research on West African Amphiliidae. During this visit I was appointed temporarily to the staff of the Laboratoire Ichtyologie, Museum National Histoire Naturelle. Also visited MRAC (Tervuren) and the BMNH (London).
- 1988: USA: Attended the Annual meeting of the American Society of Ichthyologists and Herpetologists in Ann Arbor (Michigan). Visited the University of Michigan Museum of Zoology (Ann Arbor), Field Museum of Natural History (Chicago), United States National Museum (Washington), Academy of Sciences (Philadelphia) and the American Museum of Natural History (New York).
- 1990: UK and Belgium: Attended International Symposium British Fisheries Society, The Biology and Conservation of Rare Fish, Lancaster, UK. Visited the Natural History Museum, London and MRAC, Tervuren.
- 1991: The Netherlands, Germany and Belgium: Attended 7th International Ichthyology Congress, European Ichthyological Union, The Hague, The Netherlands. Visited Zoologisches Institut und Museum, University of Hamburg, Hamburg and the Humboldt Museum, Berlin, Germany; and MRAC, Tervuren.
- 1992: Switzerland and France: Attended an international Cytogenetic workshop in Concarneau, France, September 1992 and visited Museum National de l'Histoire Naturelle, Paris and the Museum de l'Histoire Naturelle, La Chaux-de-Fonds, Switzerland.
- 1993: Senegal and Cote d'Ivoire: Attended the PARADI symposium near Dakar, Senegal.

- 1994: UK and Spain: Attended the VIII Societas Europea Ichthyologorum Congress in Oviedo, Spain and visited the Natural History Museum, London.
- 1997: UK, France, Germany, Belgium, Italy : Visit to Museums and laboratories and to attend the 9th International Congress of the European Ichthyological Union, Trieste, Italy. (August).
- 1999: USA, New York: Research visit to the American Museum of Natural History, Department of Ichthyology, 19 April-7 May.
- 1999: UK, France, Belgium – Franco-SA research project visit,
- 2000 – France, Belgium, Portugal – Franco-SA research project visit, invited attendance at international conference, Albufiera, Portugal “Freshwater fish conservation – options for the future”.
- 2001 – USA – New York, Lawrence, Kansas: Research visit to AMNH (Lower Guinean amphiliid research) and invited visit to University of Kansas NHM&BRC – negotiate server and Fishnet project.
- 2001 (Aug-Sept) – Europe: UK, France, Belgium, Czech Republic: research visit and attendance at X EIU Congress. Presented paper at Congress.
- 2002 (January) – Invited facilitator, Workshop for Four Corners Transboundary Natural Resources Management Area Project, African Wildlife Foundation, Victoria Falls, Zimbabwe.
- 2002 (Feb) – Japan: Invited attendance at Aquamarine Fukushima symposium ‘The Coelacanth, fathom the mystery’, Onahama, Fukushima Prefecture.
- 2002 (Mar) – USA: Florida and Washington DC: invited attendance at Freshwater hotspots workshop, Conservation International visits to CI HQ and to WWF-US.
- 2002 (May-June) – USA, 3 week research visit to American Museum of Natural History, New York: research conducted on amphiliid fishes of Lower Guinean Province.
- 2003 (April-May) – 3 week research visitorship, Belgium, Royal Museum for Central Africa, Tervuren: research on amphiliid fishes of Lower Guinean Province.
- 2003 (September 1-5) – Visit to University of Wageningen, Netherlands, to present seminar (Africa’s southern Cyprinids) and to externally examine 2 PhD degrees. Short stop at NHM, London.
- 2004 (April-May) – Research visit to the American Museum of Natural History, New York. Completed study on amphiliid catfishes of West Central Africa. Also a short visit to the University of Lisbon, Lisbon, Portugal, to initiate PhD project (L da Costa).
- 2005 (April-May) – research visit to American Museum of Natural History, New York. Attend conference “New Currents in Conserving Freshwater Systems” (Centre for Biodiversity and Conservation, AMNH), by invitation.
- 2005 (Nov) – Luanda, Angola – attend Annual research meeting of INIP, and initiate joint project on Angolan freshwater biodiversity.
- 2006 (Jan) – Wet Collection facilities investigation tour to the NHM, Swedish NHM, Naturalis Leiden and MRAC.
- 2006 (Mar) – UK, Chester – IUCN FFSG meeting, the Natural History Museum, London

- 2006 (July) – Accra, Ghana – attend IUCN-WI African aquatic biodiversity assessment project – annual project meeting.
- 2006 (Sept) – Ethiopia – PAFFA Advisory meeting
- 2007 (Mar) – UK, Chester – IUCN FFSG meeting; the Natural History Museum, London
- 2007 (June) – Guelph, Canada; AMNH NY, and NMNH Smithsonian Institution on Washington DC; Barcode of Life workshop.
- 2007 (August) – Luanda, Dondo, Angola – INIP to initiate the Kwanza river Project.
- 2008 (March) – UK, Chester – IUCN FFSG meeting.
- 2008 (June) – Yaounde, Cameroon – IUCN-WI African aquatic biodiversity assessment project, steering committee meeting.

EDITORIAL CONTRIBUTIONS

Editorial.

- Editor - Trout in South Africa, Symposium proceedings - Special Ichthos No.1, 1986.
- Editorial board - Ichthyological Exploration of Freshwaters, 1989 - present
- Ichthos No 37, 1993 - Guest editor.
- Editor-Fish & Fisheries, African Journal of Zoology, 1995 -1998.
- Joint editor Transactions of the Royal Society of South Africa, Volume 51, 1996/7
- Advisory Editor, Cybium (European Journal of Ichthyology). 1999 – present.
- Co-Editor, Proceedings of the 1998 PARADI-FISA Conference, Annals of the AfricaMuseum
- International Editorial Committee African Journal of Tropical Hydrobiology and Fisheries, 2001 – present.

POST GRADUATE TEACHING AND SUPERVISION

Teaching and student supervision

- Department of Ichthyology and Fisheries Science, Rhodes University: short courses to Honours students on Fish morphology, diversity and distribution of African freshwater fishes, 1984 -1996.
- Supervision of B.Sc. (Hons.) student research (L. Oell an 1985; D.Naran 1992, M. Marriott 1995).
- M.Sc supervision
 - Co-supervisor (with Prof. M.N.Bruton) (RU): P.N.White "Revision of the genus *Synodontis* from southern Africa". Completed 1987, awarded Cum Laude.
 - (RU) L.K.Oellermann "The karyology and taxonomy of southern African yellowfish (Pisces, Cyprinidae: *Barbus*)". Completed 1988.
 - (RU) D.Naran "Polyploidy in southern African barbine cyprinids". Completed 1997.

- Co-supervisor (with Prof J King) (University of Cape Town): S. Pollard " Instream flow requirements with application to the Mar te River in relation to the proposed Injaka Dam", 1993-1994 (project post-poned in 1994 and personal involvement concluded).
- (RU): M. Marriott: The biology , ecology and conservation of the Twee River redfin". Completed 1998.
- Co-supervisor (with Dr A Booth) (RU): LEP Scott, A GIS Atlas of southern African fish distribution. 1998-2000. Degree awarded Cum Laude.
- Co-supervisor (with Prof P. Maylam) M.A. (RU) : Mr O Gon (History of marine ichthyology in SA) 1999-2002. Degree awarded 2003.
- Co-supervisor (with Prof Colleen o’Ryan, Dr FCD Cotteril (UCT)): Ms Sarah Goodier (Hydrocynus phylogeography) 2008-2009
- Ph.D. supervision
 - Co-supervisor (with Dr N Barker) (RU): D Naran, Karyological and genetical studies on African barbines (Phylogenetics). 1998-2000 (project suspended 2001 and terminated unsuccessfully 2003)
 - Ph.D Committee (The City University of New York, NY, USA , Chair M Stiassny, AMNH): A Getahun, (Taxonomy of African *Garra*) 1996 – 2001.
 - Co- Supervisor (with Dr M Villet) (RU): R Bills (*Austroglanis* phylogeny and biogeography).
 - Co-Supervisor (with Dr P Bloomer), (University of Pretoria): Mr E Swartz (molecular phylogenetics of redfin minnows genus *Pseudobarbus*). 1999-2005.
 - Co-supervisor (with Professor J Day, University of Cape T n): S Marr (development of a conservation protocol for freshwater rivers in the CAPE region). 2004 -
 - Co-supervisor (with Professor M J Colares-Pereira), (University of Lisbon): L da Costa (Molecular systematics of African diploid Afr can barbs). 2004-
 - Ph.D Committee (The City University of New York, NY, USA, Chair Dr M Stiassny) R Shelly (Systematics of lamprologine cichlids). 2003-2006

EXTERNAL POST GRADUATE EXAMINATION

Post Graduate Thesis Examination

- M.Sc.: Mr G Bell-Cross 1982 (University of Natal)
- MSc: Mr J Rall 1993 (Rand Afrikaans University)
- Ph.D: Mr N Kleynhans. 1984 (University of Pretoria)
- PhD: Mr J Engelbrecht 1996 (Rand Afrikaans University).
- PhD: Mr J Rall 2000 (Rand Afrikaans University)
- PhD: Mr M Banda 2000 (University of Zimbabwe)
- D.Sc. (Dr P Castle) Victoria University of Wellington, New Zealand (1998)
- PhD: Martin de Graaf, (Lake Tanas piscivorous barbs), Univ rsity of Wageningen, Netherlands, September 2003.
- PhD: Eshete Degen (Lake Tana small barbs), University of W geningen, Netherlands, September 2003.
- MSc: Mr D. J. Woodford, 2005 (University of Cape Town)

- PhD: Mr E.Swartz 2005 (University of Pretoria)

CONFERENCE ORGANIZATION

Conference organization

- Limnological Society of Southern Africa, Congress 1980 (Transport portfolio).
- Symposium "Towards an Environmental Plan for the Eastern Cape" 1983. (Secretary).
- Joint Zoological Society of Southern Africa/Limnological Society of Southern Africa Congress 1987 "Alternative Life History Styles of Animals". (Registration portfolio).
- Joint Southern African Society of Aquatic Scientists/Marine Scientists of Southern Africa Congress "Marine Estuarine and Freshwater Ecosystems" 1991. (Banquet Portfolio).
- PARADI meeting, "Biological diversity of African brackish and freshwater fishes", Dakar, Senegal, 1993. International Committee.
- International Conference for PARADI/ FISA, African Fish and Fisheries, Diversity and Utilization: Grahamstown, September 1998 - Chairman International and local organizing committee.
- 2nd Diversitas Open Science Conference, Biodiversity and Society "Understanding Connections, Adapting to Change", Cape Town, October 2009. Local Organising Committee
- PAFFA 2008, Addis Ababa, Ethiopia, September 2008, Scientific Advisory Committee

COMMITTEES AND SERVICE – NATIONAL AND INTERNATIONAL

Committee Service

- IUCN Species Survival Commission: Freshwater Fish Specialist Group 1976 - 2000.
- Executive Committee, Limnological Society of Southern Africa -Treasurer 1982-84.
- CSIR/FRD Rivers working group, 1984-1988.
- Import and Export Liaison Committee, Directorate of Plant and Liquor Control, Department of Agriculture, 1990-1992.
- Sea Fishes Trust, 1993- 2002
- Water Research Commission, project evaluation: 1995-1999
- Rhodes University Hugh Kelly Committee (1998-2000)
- Rhodes University Henderson Scholarships Committee (1998-2000)
- Foundation for Research Development (FRD) Assessment Committee for Animal and Veterinary Sciences, 1997-1999 (Convenor Oct 98-Dec 99)
- Diversitas - Inland Water Biodiversity Scientific Coordinating Committee (1998-2002)
- Water Research Commission – Fish Integrity Index research –2001-
- Water Research Commission – Fishways research – 2002 – 2007

- South African Environmental Observatory Network (SAEON) Technical Advisory Committee 2003-present
- South African Biosystematics Initiative (SABI) Steering Committee 2003-2005
- External Reviewer: University of Cape Town, Freshwater Unit (2005)
- Wetlands International/IUCN SSC Freshwater Fish Specialist Group, Regional Coordinator for Southern Africa, 2006-2008.
- Co-ordinator NEM:BA Freshwater Alien Invasive Organisms (Dept Environmental Affairs & Tourism Alien Invasive Task Group), 2005-2006.
- National Freshwater Biodiversity Collaboration Steering Committee, 2006-
- CSIR Natural Resources and Environment Research Advisory Panel 2006-2008
- CSIR Project evaluation panel, 2007-05-25
- NRF South African Research Chairs Evaluation Panel, 2007

HONORARY APPOINTMENTS AND BOARDS

Boards and Honorary Appointments

- Honorary Curator of Fishes, East London Museum, 1995
- Board and Executive Committee, Institute for Freshwater Studies, Rhodes University, 1995-present
- Council, J.L.B. Smith Institute of Ichthyology, April 1995- December 1998 (ex-officio)
- Honorary Associate, American Museum of Natural History Department of Ichthyology: 2000-2003; 2003-2005.
- Board, DST/NRF Centre of Excellence for Invasion Biology, University of Stellenbosch.
- Research Associate and member Environmental Advisory Panel, CSIR Natural Resources and Environment, 2006-2008

INVITED PUBLIC LECTURES

Invited Public Lectures

- May 1997 - Museums Day Public Lecture, National Museum, Bloemfontein
- May 1998, 9th F W Fitzsimons Memorial Lecture, PE Museum
- December 1998, Coelacanth 60th Anniversary Dinner, East London Museum.
- July 2000, Waldo Meester Memorial Lecture, Amathole Museum
- August 2007, SABI Symposium, Opening talk.

EXTRAMURAL ACTIVITIES

Extramural memberships/activities

- Rotary International: 1983-1993, 1995-1997 (Rotary Club of Grahamstown President 1987-1988) Rotary Club of Grahamstown. District Governor's Area Representative 1988-89.

- Hobbies and Sports: Photography, gardening, reading, walking and hiking. Previously active in town league squash, golf, cricket and horse riding (including polocrosse).

UpDate: July 2008