

STAFAV : une formation aux STatistique en Afrique Francophone Appliquées au Vivant

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- ✓ A multi- site master in applied statistics
- ✓ A PhD program in Statistics
- ✓ A collaborative research network with thematic workshops (RASMA, CIMPA)

The beginning : Yaoundé (Cameroun)

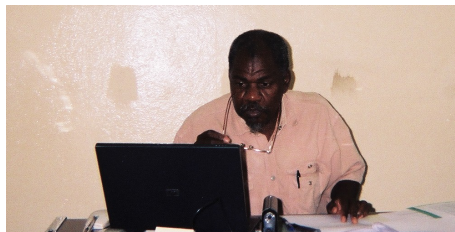
- ✓ An initiator : Maurice Tchuente
- ✓ A catalyser : Didier Dacunha- Castelle with a few long time collaborators used to develop education programs in developing countries
- ✓ Two important pillars : Elisabeth G. & Jean- Marc Bardet
- ✓ A Health Component : Bertran Auvert, Inserm, UVSQ and his expertise in HIV in Africa (Auvert et al., 2001b,a, 2005)

The local team

- ✓ An initial difficulty in finding an adapted localisation
- ✓ A Cameroonian Colleague Henri Gwet, Ecole Nationale Supérieure Polytechnique with 2 collaborators



ENSP Yaoundé



Henri Gwet

The participation of colleagues from CEMAC countries

- ✓ Université Masuku, Gabon : Guy- Martial Nkiet
- ✓ INP- HB Yamassoukro, Côte d'Ivoire : Ouagnina Hili

A series of visiting teachers from the north for short- term modules

✓ Statisticians

- Paris Sud Orsay : **Elisabeth Gassiat**, Jean Coursolle
- Paris 1 (SAMM) : **Jean- Marc Bardet**
- Paris Dauphine : Danièle Florens
- Evry (LaMME) : Marie- Luce Taupin
- Paris 5 -> UJF, Grenoble : Adeline Samson
- La Rochelle puis Insa Rennes : Jean- François Dupuy
- Toulouse puis Paris 5 : Jean- Claude Fort
- Eric Moulines (Telecom -> ENS)

✓ Biostatisticians, Epidemiologists, Biometricians

- UVSQ Bertran Auvert
- SPF Yann Le Strat
- Lyon 1- HCL Louis Ayzac
- INRAE Joël Chadoeuf

The first years



Severin- Guy Mahiane



The 2005 class with B Auvert

Local Master Internships in line with local needs

- ✓ Institut Pasteur Cameroun
- ✓ OCEAC IRD (Isabelle Morlais, Leonardo Basco,..)
- ✓ ANRS : Christian Laurent, Eric Delaporte -> Montpellier, IRD
- ✓ Hopital Central Yaoundé
- ✓ Centre de Lutte contre les épidémies
- ✓ CIRCB C Biya
- ✓ Ministry of Health
- ✓ IRAD

Extension to Senegal : University Gaston Berger, St Louis

- ✓ A strong and dynamic team (Aliou Diop, Gane Samb Lo,..) on a rather well equipped campus with strong political support
- ✓ An excellent environment in health research (ANRS, IRD, Pasteur- Dakar, CHU....)



University Gaston Berger (St Louis). The visitors's villa.

Extension to Senegal : University Gaston Berger, St Louis



EG with colleagues and students

Extension to Senegal : University Gaston Berger, St Louis



Univ. Gaston Berger, Teacher and students

Extension to Benin

- ✓ A different context
 - **A strong support : Prof. Norbert Hounkonnou,** Maths & Physics Unesco Chair
 - Abomey- Calavi University, math dept
 - IRCB : A Massougbodji & IRD, L Fourn
 - INRAB, UAC Noël Fonton
 - IRSP, Ouidah



2007 ?



2023

A statistician in Vaudou Land : Initiation to Python!



Some final notes

- ✓ The importance of multiple financial supports : Europe, Foreign Affairs, SCAC/ AUF/ AFD/ CIMPA...
- ✓ 23+ PhD
 - Yaoundé : 8 PhD
 - Saint Louis : 5 PhD (among them 1 from Cameroon)
 - Benin : 10 PhD out of more than 50 masters
- ✓ Master \pm running in post- covid 19
- ✓ Professional Integration
 - Local structures : OCEAC, Pasteur, ANRS/ high demand for consultancy
 - Few academic positions : Africa/ France (W Kengne, W Toussile)
 - Few private sectors France/ Canada/ USA
- ✓ **An assured descendance !**



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