

Eric Djomo Nana

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EDUCATION

- PhD** Charles University in Prague, Czech Republic, Ecology September 2015
Thesis: "Drivers of Avian Diversity Along an Elevational Gradient on Mt. Cameroon"
Committee: Prof. David Storch (chair)
Advisor: Ass.Prof David Horak
- MSc** University of Dschang, Environmental Impact Assessment December 2011
Thesis: "Socio-economic Impact of the Mount Cameroon National Park on surrounding population"
Advisor: Prof. Tchindjang Mesmin
- Masters** University of Yaoundé I, Animal Biology July 2008
Major: Parasitology
Minor: Physiology
- BSc** University of Dschang, Animal Biology July 2005
Major: Zoology
Minor: Plant Ecology

HONOURS AND AWARDS

- First US-Africa Frontiers of Science, Engineering, and Medicine** 2022
Co-chair of session on biodiversity.
Three-day Frontiers symposium in Nairobi, Kenya that brought together 50 of the most promising young African scientists, engineers, and medical professionals with a diverse group of 50 American counterparts whose research is directly applicable to African and US contexts

<p>Science for Nature and People Partnership (SNAPP) <i>Co-PI: Supporting evidence-based, effective reforms of Central African wildlife use policies.</i> Amount: US\$ 209,000</p>	2022
<p>Fondation Franklinia <i>PI: Conservation of <i>Microberlinia bisulcata</i> A.Chev. (Fabaceae-Detarioideae), an endemic and critically endangered species in Cameroun at the brink of extinction.</i> <i>project number: 2020-19</i> Amount: €90 321</p>	2020
<p>Volkswagen Foundation's funding initiative <i>Co-PI: Knowledge for Tomorrow – Cooperative Research Projects in Sub-Saharan Africa</i> <i>Deliverable: workshop on resolving conservation conflicts</i> Amount: €50 000</p>	2019
<p>Fresno Chaffee Zoo Conservation Fund Grant <i>PI: saving the Mount Cameroon francolin</i> <i>Deliverable: Project report.</i> Amount: US \$4 000</p>	2018
<p>The World Academy of Sciences <i>Research grant for basic sciences</i> <i>PI: Determining parasite - host specificity under future climate change in two montane forests of the Cameroon volcanic line</i> <i>Deliverable: Project report</i> Amount: US\$10 000</p>	2016
<p>1st & 2nd Rufford Small Grants <i>PI: Gaining compliance of local communities around</i></p>	2012 - 2013

Mount Cameroon National Park.

Deliverable: Project report & published article

Total amount: **£10 000**

RESEARCH EXPERIENCE

Department of Biology - ICCS, University of Oxford, U.K

2021 to present

Position: Research Fellow

Research on the dynamics of urban wild meat trade in Central Africa.

Use hypothetical scenarios to investigate possible interventions that can reduce the volume of wild meat traded in urban areas.

Develop grant proposals for workshops with local stakeholders on wild meat crisis.

Ensure effective liaising between researchers working wild meat crisis in Central Africa.

Institute of Agricultural Research for Development (IRAD), Cameroon 2018 to present

Position: Senior Researcher/Assistant Professor

- Develop and animate research activities on biodiversity Conservation;
- Coordinate development and submission of a wide range of fundraising proposals to seek resources;
- Supervise junior researchers within the program

Congo Basin Institute/UCLA, Cameroon

2016 to 2020

Position: Research Liaison Officer

- Coordinate effective liaison between the CBI and other stakeholders
- Ensure effective liaising between Cameroonian researchers and foreign researchers wishing to work in Cameroon
- Coordinate short term training activities (workshops, conferences, etc.)
- Explore other beneficial and strategic collaborations

Mapping Africa's Protected Areas Project, South Africa

2009 to 2010

Position: Research assistant.

- Assisted in building a digital catalogue of major Protected Areas in Africa;
- Mapped the boundaries and points of interest of protected areas to make them available on Google Earth.

TEACHING EXPERIENCE

Higher Institute of Environmental Sciences, Cameroon

January 2016 to present

Adjunct Senior Lecturer,

- Teach course on Natural Resource Management, a postgraduate course averaging 15 students per semester, covering the following topics: Biodiversity as a natural resource, Renewable energy sources, Sustainable development, drafting a resource management plan
- Develop quizzes, exams, and homework
- Revise the syllabus to meet significant learning objectives
- Coordinate grading and lab work with 2 teaching assistants

University of Dschang, Cameroon

October 2017 to July 2019

Visiting lecturer, Department of Wildlife and Ecology

- Taught course on Primate Ecology and Evolution, a postgraduate course averaging 30 students, covering the following topics: primate taxonomic groups, human and primate evolution – out of Africa hypothesis, primate conservation issues.
- Developed quizzes, exams, and homework
- Revised the syllabus to meet significant learning objectives

Supervision at PhD Level

Standly Nkemnyi Nkengbeza, Thesis on Ecology and Conservation of the Endangered Preus's guenon in Ebo forest in Cameroon. University of Buea. 2021 – present.

Supervision at Masters Level

- TEGUEU KEMENI Antoinette Prudence, “*Intégration des savoirs autochtones dans la démarche des évaluations environnementales au Cameroun : cas peuples Bakas dans la réserve de biosphère du Dja, sud-est Cameroun*” Thesis submitted in partial fulfilment of the requirements for obtaining a Master of Science degree in Environmental Science. July 2022.
- NJIKE YONGUE Floridane, “*Profil des femmes implique dans le trafic de la viande de brousse au Cameroun : le cas de ville de Yaoundé*”. Thesis submitted in partial fulfilment of the requirements for obtaining a Master of Science degree in Environmental Science. July 2022.
- FOPA KUIKO Philippe Julien, “*Impact de la Covid-19 sur la commercialisation de la viande de brousse au Cameroun : Cas de la ville de Yaoundé*”. Thesis submitted in partial fulfilment of the requirements for obtaining a Master of Science degree in Environmental Science. July 2022.
- Djibril Hawa Idi, “Assessing the exposure rate to indoor radon in different habitations in the city of Yaoundé” Thesis submitted in partial fulfilment of the requirements for obtaining a Master of Science degree in Environmental Science. To be defended in December 2020.
- Sandjo Raoul, “The Impact of seasonality on bat distribution and ecology in cacao agro forestry systems in two regions of Cameroon”, Thesis submitted in partial fulfilment of the requirements for obtaining a Master of Science degree in Environmental Science. December 2019.
- Djomo Piam Charlene Jordane, “Mosquitoes as bio-indicators of environmental stress based on different land use changes in the southwest region of Cameroon”. Thesis submitted in partial fulfilment of the requirements for obtaining a Master of Science degree in Environmental Science, December 2017.
- Djouguela Yannick, “Impact of indigenous hunting on the density of *Pan troglodytes Ellioti* in the Korup National Park in Cameroon”, Thesis submitted in partial fulfilment of the requirements for obtaining a Master of Science degree in Environmental Science. December 2016.

CONFERENCE PARTICIPATION & WORKSHOPS

Society for Tropical Ecology Annual Meeting in Montpellier, France | 6 – 11 June 2022.

Oral presentation- Putting conservation efforts on the right track: a central African perspective.

Mentoring the Mentors in Global Health Research Workshop, Accra, Ghana | 3-4 May 2018.

Regional Training Workshop on Modelling Climate and Applications to the Forestry Sector | state of Osun, Nigeria | 9-13 April 2018.

Student Conference on Conservation Science (SCCS-NY) | New York, U.S.A. | October 2015. Poster presented: *Avian nesting success is influenced by vegetation structure on Mt. Cameroon.*

Society for Tropical Ecology |Freising, Germany | July 2014. Poster presented: *Ten years of Czech Ecological Research in Cameroon.*

Student Conference on Conservation Science (SCCS) | Bangalore, India| September 2012. Poster presented: *Comparison of avian assemblage structures in two upper montane forests of the Cameroon volcanic line: lessons for bird conservation.*

PROFESSIONAL DEVELOPMENT TRAINING

- **Training on E-learning for lecturers** – course design, course activities & evaluation. October 19 – 25 2019, Libreville, Gabon.
- **Summer school on enhancing research and teaching capacity** by Goethe University from July 16th – September 23rd 2018, Frankfurt, Germany.
- **Training on spatial ecology, remote sensing and advanced GIS modelling** by the University of California, Los Angeles; from July 1st – 31st 2016 in Yaoundé, Cameroon.

- ***Training on DNA Barcoding and Grant writing skills 2010*** at the University of Johannesburg, South Africa. From April 1st – 30th 2010.
- **Field training in Conservation Biology, Experimental Design and Sampling Methods** by Tropical Biology Association (TBA) in Kirindy, Madagascar. From November 1st – 30th 2009.

PROFESSIONAL AFFILIATIONS

- The World Academy of Sciences Sub-Saharan Africa Regional Partner (TWAS-SAREP) Affiliate 2021 – 2026.
- African Academy of Sciences – 6th Cohort of Affiliates 2021- 2026.
- Cameroon Pangolin Working group, 2019-Present
- Society for Conservation Biology, 2016-Present. President of Cameroon Chapter
- Society for the Preservation of Endangered Carnivores and their International Ecological Study (S.P.E.C.I.E.S), 2016-Present.
- Member of the French Ecological Society [Societe Française d'Ecologie], 2015-2017.

PROFESSIONAL SERVICE

Session co-chair on Biodiversity

1st US-Africa Frontiers of Science, Engineering, and Medicine Symposium, October 12-14, 2022, Nairobi, Kenya

A three-day Frontiers symposium that brought together 50 of the most promising young African scientists, engineers, and medical professionals with a diverse group of 50 American counterparts whose research is directly applicable to African and US contexts. Formal and informal discussions at the three-day symposium addressed cutting-edge advances in their fields of regional and global importance.

Workshop Co-organizer

GCRF Cameroon Research and Grant writing workshop August 23 – September 01, 2021, CRESA-Foret Bois, Yaounde, Cameroon.

Workshop objectives were to create workable and fundable ideas, develop win-win relationships with the grant makers, analyse proposal guidelines and structures, plan and prepare an effective project summary, outline, and full proposal, learn to enhance style, substance and appearance of grants, optimize success strategies for grant applications, describe the key ethical issues in research and publishing, balance different factors to select an appropriate target journal, define the focus and contribution of a paper, write a working abstract for a paper, develop the body of a research paper including the key elements, respond to peer-review, and develop a strategy to achieve publication success.

Workshop Co-organizer

Pangolin Genoscape and GIS training from October 14th to 19th 2019 at CBI/IITA in Nkolbisson, Yaoundé.

The goal was to take advantage of a recently developed DNA analysis tool called “Genoscape” based on sequencing and analysis of Single Nucleotide Polymorphisms (SNPs) to create a map of genetic variation across a geographic distribution for a species.

Workshop organizer

Resolving conservation conflicts in West – Central African protected areas”, from October 7th to 11th 2019, CBI/IITA Nkolbisson, Yaoundé.

The goal was to identify the main conservation conflicts existing in protected areas in West and Central Africa, research gaps, and learn from previous experiences of applying conservation interventions to address them.

Workshop Co-organizer

Using Passive Acoustic Monitoring for Conservation”, August 19th to 24th 2019 CBI/IITA Nkolbisson, Yaoundé.

The goal was to introduce this acoustic approach to promising researchers, conservationists, and field technicians working in Africa (Cameroon, Nigeria, RDC, Equatorial Guinea and Congo Brazzaville). The workshop touched on everything from basic concepts and examples of where Passive Acoustic Monitoring can be used (and where it

can't), to the hands-on operation of an acoustic recorder and experience with the techniques for deploying them in the forest.

Peer-reviewed for:

- Biological Journal of Linnean Society
- African Journal of Ecology
- National Geographic Society Early Career grants
- British Ecological Society Grants – Ecologists in Africa

PROFESSIONAL LINKS

- Interdisciplinary Center for Conservation Sciences - <https://www.iccs.org.uk/person/eric-djomo-nana>
- LinkedIn - <https://www.linkedin.com/in/eric-djomo-nana-a4b21725/?originalSubdomain=cm>
- ORCID - <HTTPS://ORCID.ORG/0000-0002-6118-9359>
- Research gate - <https://www.researchgate.net/profile/Eric-Djomo-Nana>
- Semantic scholar - <https://www.semanticscholar.org/author/Eric-Djomo-Nana/8615596>
- Google scholar - <https://scholar.google.com/citations?user=-Uztq0QAAAAJ&hl=en>

GLOBAL EXPERIENCE

2021-2022 U.K: Postdoc researcher at the Interdisciplinary Centre for Conservation Science

2019 Gabon: Training for Central African lecturers in Libreville funded by GIZ/RIFFEAC

2018 Germany: Summer school excursion for African lecturers at Goethe University in Frankfurt funded by GIZ/RIFFEAC.

2018 Ghana: Global Health workshop, organized by the University of Ghana, Accra.

2018 Nigeria: participated in field excursion in Osogbo, Osun State University organized by African Forest Forum.

2017 Mount Cameroon: participated in field data collection on Avian Pace-of-Life syndromes funded by Czech Academy of Sciences

2015 U.S.A: participated in a conference in New York organized by the Student Conference on Conservation Science

2014; 2013; 2012 Czech Republic: participated as teaching assistant in a field course for undergraduate students in the Department of Ecology at Charles University in Prague

2012 India: participated in a conference in Bangalor organized by the Student Conference on Conservation Science

2010 South Africa: participated in field training at Pilanesburg National Park, organized and funded by MAPA project

2009 Madagascar: participated in field training on data collection and study design in conservation organized and funded by the Tropical Biology Association.

LANGUAGES

English: Advanced levels in Listening, Speaking, Reading, and Writing

French: Intermediate levels in Listening, Speaking, Reading, and Writing

OTHER SKILLS AND COMPETENCES

Microsoft Word, Excel, Powerpoint, STATISTICA (StatSoft), CorelDRAW X5, Cybertracker, SMART

Open-source tools (RStudio, QGIS, GenGIS, STRUCTURE, MAXENT)

Experience in Molecular Biology (DNA extraction, Polymerase Chain Reaction, Electrophoresis)

HOBBIES

Enjoy reading adventure and science fiction novels, playing football, hiking under harsh tropical conditions and doing bird watching.

REFERENCES

Ngome Ajebesone Francis, Ph.D

Principal Scientist and Deputy Director

Institute of Agricultural Research for Development (IRAD)

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