

Sigríde Jenniska Asseko
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EDUCATION

Oregon State University – Corvallis, Oregon

PhD in Public Health, Expected June 2023

- Concentration: Environmental and Occupational Health

University of Oregon – Eugene, Oregon

Master of Public Administration, June 2017

- Concentration: Environmental and health Policies

Master of International Studies, September 2017

- Concentration: Global health

Bachelor of Science, Environmental Studies, June 2014

- Minor: Geology

EXPERIENCE

Graduate Teacher Assistant

September 2018 – Present

Oregon State University

- Instructor of records for H100 in Fall, Winter & Spring
- Assist in developing and administering course materials for the class
- Grade assignments and responded to students emails.

Graduate Teaching Fellow

September 2014 – June 2017

University of Oregon

- Assisted instructors in designing course lectures for Environmental Management 331, Perspectives on International Development 240, Global Health and development 340, Global Environmental Issues and Alternatives 280, Tropical Diseases in Africa 309, and Introduction to African Studies 215
- Held office hours to answer questions and discuss courses materials
- Led discussion sections to deepen understanding of courses materials; graded exams

Capstone Associate

January 2016 – June 2016

Lane County Public Health (LCPH) Capstone project

Department of Planning, Public Policy and Management

University of Oregon

- Served on a team of four graduate students looking at measures to reduce the rates of transmission of Sexually Transmitted Diseases (STDs) in Lane County.
- Conducted literature reviews to get trends of STDs and preventive measures that have been used at the national, state, and local levels.
- Analyzed health data to get the rates of transmission by age group, sex, ethnicity, and location in the County
- Wrote policy brief that outlines our recommendations for efficient preventive measures and present final report to LCPH and the PPPM department

Intern

September 2015 – March 2016

Center for Renewable Energy and Appropriate Technology for the Environment (CREATE!) – Eugene, Oregon

- Evaluated the organization's improved Cookstoves program
- Conducted literature review on environmental health impacts of traditional vs. improved cookstoves
- Designed three types of surveys that we administered to local communities in Senegal
- Analyzed data and wrote final report for the organization

Research Assistant

March 2015 – December 2015

University of Oregon

- Assisted instructor in designing research project on urban air quality in Gabon
- Assisted in providing training to local partner teams in Gabon
- Helped collecting air quality data; downloaded data onto Dylos logger software
- Help gathering data on local population; Assist in writing final report

Research Assistant

July – August 2014

Smithsonian Institution – Washington, D.C.

- Researched Gabonese plant and animal diversity.
- Used Picasa software to create database of 45,000 pictures and Excel to catalog 160 plant species.

Safety Manager

August – September 2013

Impact Environment Gabon – Port-Gentil, Gabon

- Educated workers on methods to avoid environmental hazards.
- Ensured clean and safe environment; monitored and assessed on-site environmental impacts.
- Wrote reports on air and water pollution created by company.

VOLUNTEER

Teacher Assistant

August – Present

Little French School – Eugene, Oregon

- Help in organizing course curriculum
- Help in teaching basic French to children

Research Assistant

January – June 2017

Community Dispute and Resolution Program

University of Oregon

- Helped in conducting research on the work of the Community Dispute Resolution Program
- Helped in drafting questions and conducting an evaluation of the program
- Helped in writing the final report

Secretary General

September 2015 – June 2016

University of Oregon, UNICEF chapter

- Assisted in raising awareness about the organization and the work they do through presentations
- Assisted in fundraising and applying for funding for the organization

Researcher

January – March 2014

Environmental Law Alliance Worldwide (ELAW)

- Researched land tenures and environmental laws in Gabon.

- Translated PowerPoint presentations and emails from English to French and French to English.

SKILLS

- Computer: Microsoft Office, Picasa, JMP, GPS, Dyllos Logger, Stata, GIS
- English: Advanced-level speaking, reading, and writing
- French: native speaker

Grants and Awards

Grants

April 2015- May 2016

- Gabon-Oregon Center Seed Grant, Gabon-Oregon Transnational Research Center (co-PI). “A study on urban air quality in Gabon”, Funding \$15,000 (2015)
- Gabon-Oregon Center Seed Grant, Gabon-Oregon Transnational Research Center (co-PI). “Seasonal variations of air quality in Gabon and associated respiratory problems”, Funding \$15,000 (2016)

Awards

April – June 2016

- George and Conni Slape Award, Department of international Studies, Funding \$500
- Global Oregon International Research Award, the Global Studies Institute, Funding \$1000
- Travel Award, Department of Planning, Public Policy and Management, Funding \$480
- Best Poster at the 2019 Cascadia Conference in Semiahmoo, \$100 gift certificate

Papers under review and working papers

- Ngo, N.S., **Asseko, S.**, Obiang, M., Allo’o Allo’o, S.M., and Hystad, P.: “Measuring PM2.5 in sub-Saharan African cities using low-cost, portable monitors: A pilot study in Gabon” (*revise and resubmit at Transportation Research Part D: Transport and Environment, Special Issue: Urbanization, Transportation, and Air Quality in Developing Countries*)
- **Asseko, S.**, Ngo, N.S., Desouza, Alain., Obiang, M., Obiang, Robert.: “Seasonal Variations of Air quality in Central Africa: Case study of Gabon” (*Under Review*).