Louis A. Ogaard, Ph.D.

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I ran a research and development program to convert algae to biofuel. I administered a federally funded (USA) environmental restoration program for the State of North Dakota for over twenty years with an annual budget of 1.6 million dollars. I supervised a staff of scientists and engineers who both designed and managed mine restoration projects. This program received a national award in 2006. I administered the inspection and enforcement of active coal mining for the State of North Dakota. I administered support for the natural resources program at the U.S. Army´s Dugway Proving Ground in Utah.

**Selected Accomplishments**

Authored first web page for the North Dakota Public Service Commission and collaborated with others to design the current one.

Authored numerous articles based on both primary and secondary research in the field of natural resource management. Many of these articles were delivered at national symposia.

Drafted and managed both federal and State budgets.

Initiated the construction of wetlands on surface mine sites to control surface water runoff on reclaimed sites and provide waterfowl habitat.

Manpower turnover in the division I administered for the North Dakota Public Service Commission was one of the lowest within the agency. Program won a federal award in a national competition in 2006

As Risk Management Coordinator for the State agency for which I worked, I attended annual seminars on the subject and delivered presentations to the entire North Dakota Public Service Commission.

Authored policy and procedures for procurement and contracts.

Knowledge of federal and State environmental compliance requirements.

Familiarity with the Mine Safety and Health Administration which governs safety on mine sites and the Occupational Safety and Health Administration which governs working conditions in commerce and industry.

Authored testimony and delivered that testimony before State legislative committees in North Dakota.

Military veteran with an honorable discharge. Served overseas in intelligence. Held a Top Secret DOD clearance.

**Experience Profile**

**Tom and Borghild Ogaard College, Cochabamba, Bolivia** 01/2017 – Present

Director General

I started a school that provides tutoring services to students of all ages and interests. I prepare students for the SAT and TOEFL examinations and teach English as a second language.

**Maden Technologies, Arlington, VA** 10/2014 – 6/2016

Program Manager

I administered support for the natural resources program at U.S. Army on the Dugway Proving Ground, Utah.

**Louis Adolph & Asociados, Cochabamba, Bolivia** 04/2012 – 03/2014

Director of Environmental Science

I was an environmental consultant in Latin America. I provided advice for surface and abandoned mine land reclamation and alternative energy.

**CEHMM, Carlsbad, NM**  07/2008 – 07/2011

Senior Environmental Scientist

I administered a research and development program for a year to grow algal cultures as a feedstock for biofuels. I supervised a staff of Ph.D. scientists and engineers and support staff in this endeavor. I handled permit compliance, data management and authored grant applications and research papers. Acquired knowledge of ISO14001.

**North Dakota Public Service Commission, Bismarck, ND** 12/1985 – 09/2006

Director Abandoned Mine Lands Division

I administered a federally funded environmental restoration program of abandoned underground and surface coal mines in western North Dakota. I supervised a staff of scientists and engineers with an annual budget of 1.6 million dollars. I encouraged staff to author papers based on their field work and utilize computer hardware and software to improve their productivity. Work required knowledge of federal laws including NEPA, Section 404 permitting, RCRA, CERCLA, CWA, NPDES and CAA. Several sites reclaimed under this program had low level radioactive material so selective handling of material was required. Drafted contracts and tracked expenditures with Excel spreadsheets.

**Education**

Ph.D., Botany, North Dakota State University, GPA 4.00

M.A., Biology, University of Northern Iowa, GPA 3.79

B.A., Biology, St. Olaf College

**Career Experience**

**Coach**: Served as a varsity soccer coach at Bismarck High School for fourteen years, including two boys State championships.

**International**: Served in the U.S. Navy during the Vietnam Era in Rota, Spain. My area of training was naval intelligence. I lived in Bolivia from 9/2006 – 6/2008 and from 3/2012 – 3/2014. I am conversational in Spanish and hold dual citizenship in Bolivia and the United States. I started a school in Bolivia.

**Compensation**: Worked with staff at the North Dakota Public Service Commission to develop job standards and made compensation recommendations to the three commissioners who administered the North Dakota Public Service Commission.

**Employment**: Interviewed prospective staff for my division with the North Dakota Public Service Commission and made recommendations for hires and fires.

**Risk Management**: Served as the risk management coordinator for the North Dakota Public Service Commission for ten years. This assignment included courses in a computerized system the State of North Dakota purchased after 9/11 to address natural and man-made disasters.

**Associations**: Lifetime member of Beta Beta Beta, the US National Honor Society of Biologists. Member of Sigma Xi, the US Scientific Research Society.

**Computer Programmer**: I am self-taught in computer science and can program in Clipper, Visual basic, Visual dbase, and dBase for Windows. Have knowledge of Microsoft Project and Work Breakdown Schedule Pro Chart.

Supervised the culture of algae and the process by which lipids were separated from the algae and converted to biofuel.

Knowledge of carbon footprint assessment and reduction techniques.