

JOHN R. ROOT

CAREER OBJECTIVE

TO ATTAIN FULL POTENTIAL WHILE SERVING OTHERS AND REMAINING CONTENT

EDUCATION

M.B.A.

University of Dubuque - Dubuque, IA
Courses Completed:
Management Communication
GPA: **4.00/4.00**
Graduation:

BACHELOR OF SCIENCE

University of Dubuque - Dubuque, IA
Majors: **Financial Management /Political Science**
Minor: **Environmental Science**
GPA: **3.72/4.00**
Grad.: May 1994

ASSOCIATE OF APPLIED SCIENCE

Northeast Iowa Community College - Peosta, IA
Major: **Marketing Management**
Graduated: May 1990
GPA: **3.83/4.00**

ACCOMPLISHMENTS

Student Leadership Award ----- 1991
Economics/Business Award ----- 1993
Who's Who in American University's ----- 1992-1994
D.O.E Rebuild America, Energy Champion ----- 2001
State of Iowa; House of Representatives; Recognition -- 2002

Published:

Countryside Magazine April ----- 1982
New Shelter Magazine September ----- 1983
University of Dubuque's Newspaper ----- 1993 to 1996

Honorable Mention:

Telegraph Herald ----- 1981, 1982 and 1985
Dyersville Commercial ----- 1982
John Deere Tracks Magazine ----- 1983
Home Power Magazine ----- 1994 to 2000

Volunteer Efforts:

University of Dubuque Facilities Committee ----- 1994 to 1996
Dubuque Environmental Task Force ----- 1994 to 1996
V. P. University of Dubuque Alumni Board ----- 1994 to 1996
President University of Dubuque Alumni Board ----- 1997
Board Member and Vice President of I-Renew ----- 1995 to 2000
Board Member Iowa Association for Energy Efficiency ----- 1999 to 2001
Board Member Iowa Heat-pump Association ----- 2001 - 2006
Board Member Illinois Renewable Energy Association ----- 2006 to Present

Successful Grant Applications:

1991 to 1996 - Dubuque area business ----- \$ 1,000 ----- per year for Model Earth Summit
1995 to 1996 - InterState Power Company ----- \$ 1,500 ----- per year for Junior Solar Sprint
1996 ----- Stanley Foundation ----- \$ 2,500 ----- for Model Earth Summit
1996 ----- A.S.E. Americas - PV Modules value ---- \$ 1,000 ----- Alternative Energy Office Exhibit
1996 ----- U.S. Cellular - Cellular Phone ----- \$ 800 ----- Alternative Energy Office Exhibit
1996 ----- Home Power Magazine - inverter value -- \$ 1,500 ----- Alternative Energy Office Exhibit
1996 ----- City of Dubuque - Cash and Services ---- \$ 44,000 ----- for Regional Recycling Center
1997 ----- Arranged donation of ----- \$ 10,000 - 10 KW Jacobs wind turbine to I-Renew
1998 ----- Rebuild Cedar Valley ----- \$ 25,000 ----- Coordinate energy audits for Cedar Falls, Iowa
2000 & 2006- Iowa Department of Natural Resources --- \$ 106,400 ---Rebuild America Coordinator for Muscatine --
implemented city wide Energy Efficiency and Renewable Energy programs
2000 ----- APPA/DEED grant ----- \$ 4,000 - Geo Exchange project using potable water supply
2002 ----- Energy Education Foundation ----- \$ 10,000 - PV installation on Muscatine High School
2003 ----- Iowa Energy Center & DOE ----- \$ 7,500 -- Motor Challenge Workshop
2004 ----- Iowa Department of Natural Resources --- \$ 7,000 -- Solar Powered Kiosk for Muscatine High School

WORK EXPERIENCE

THE ROOT CELLAR -- Est. 1981

1981 - Present

Self-Employed – Consulting, Sales and Service of Electric Vehicles, Wind, Solar and Geo Exchange equipment.

Provide demonstrations, develop leads and follow through with presentations and sales, prepared quotes, sell merchandise, install product, and supervise installations. Make after sale follow up calls to assure customer satisfaction.

Muscatine Power & Water

1999 - 2009

Energy Services Advisor

Maintain and further developed Demand Side Management (DSM) and related energy efficiency and water conservation projects and programs. Serve as customer energy services consultant and technical advisor. Assist in implementation of energy related customer awareness programs.

Assist Director, Public Relations and Utility Services (Job description follows)

University of Northern Iowa Center for Energy and Environmental Education

1997 -- 1999

Energy Educator: Selects, develops, and presents educational materials addressing energy efficiency and renewable energy to local and statewide audiences; and consults closely with energy management staff at Cedar Falls Utility (CFU) in the development, testing, and initial offering of these materials within the CFU service area. Writes and manages Grants relating to Energy Efficiency and Renewable Energy. (Job description follows)

University of Dubuque:

1988 –1999

Environmental Policy Program Coordinator, Assistant Director of Computer Services and Adjunct Professor. (Job description follows)

Records clerk -- Registrar's office, **Secretary** -- Student Life Department, **Assistant** M.B.A. Secretary and **Attendant** -- Computer Lab

Duties: Filing, copying, typing, maintaining student records and bookkeeping. Developed itinerary for student trips, maintained schedules and instructed students in the use of Windows 95, QuatroPro, Lotus 123, Word Perfect, Mini Tab, Quicken and various accounting software programs.

JOHN DEERE WORKS ----- Dubuque, IA

1972-1988

Machine Operator -- Operated milling machines, lathes, grinders, drills, and assorted hand tools.

REFERENCES

Paul Schultz
City of Dubuque
925 Kerper Court
Dubuque, IA 52001
563-589-4248
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Pete Olson
Cedar Falls Utilities
Utility Parkway POB 769
Cedar Falls, IA 50613
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Richard Perez, Publisher
Home Power Magazine
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Dr. William Stigliani, Director
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Energy Services Advisor --- Muscatine Power and Water

Maintain and further develop Demand Side Management (DSM) and related energy efficiency and water conservation projects and programs. Serve as customer energy services consultant and technical advisor. Assist in the implementation of energy and water related customer awareness programs. Assist implementation of energy and water related customer awareness programs. Assist Manger, Public Relations and Utility services.

Specific Responsibilities:

1. Prepare Muscatine Power and Water's Biennial Energy Efficiency Plan for Submittal to the State of Iowa Utilities board
2. Maintain and develop residential and commercial energy efficiency and water conservation programs, including program content, analysis and evaluation.
3. Monitor and evaluate customer interest and economic feasibility of continuing energy efficiency rebate programs based on customer feedback.
4. Provide customer energy usage data for Energy Efficiency programs. Conduct quality checks and monitor programs results. Compile information for accounting and plan requirements.
5. Conduct residential, commercial and industrial energy audits; blower door tests, visit site locations, explain efficiency and conservation techniques, and respond to related customer inquires and requests. Includes calculating heat and lose gain for customers using appliance computer software.
6. Perform energy consumption/efficiency calculations, prepare and submit reports indicating recommended approaches to energy efficiency and water conservation problems
7. Implement a program to enforce the Model Energy Code. Work with architects, builders, insulation contractors and electricians in applications of energy efficient construction.
8. Establish an efficiency improvement program directed at reducing energy and water related consumption in City of Muscatine buildings and facilities where MP&W provides services free of charge.
9. Actively serve as a member of MP&W's load forecasting committee.
10. Coordinate and perform necessary follow up visits with business visitation customers regarding energy related questions and concerns.
11. As it pertains to energy efficiency and water conservation programs, conduct customer/public relations functions designed to increase program identification and customer communications functions.
12. Work closely with Communication Specialist on customer programs in the areas of energy services and marketing; such as surge protectors, etc.
13. Act as the department liaison with the Department of Energy Office and inform the Manager of public relations and Utility services of new requirements by regulatory agencies.
14. Prepare monthly reports, yearly budget data and other required energy related data for submittal.
15. Complete miscellaneous projects as assigned by the Manager of Public Relations and Utility Services.

ENERGY EDUCATOR

DEPARTMENT: CEEE/Center for Energy and Environmental Education

DUTIES AND RESPONSIBILITIES

1. Maintains current collection of energy education materials and curricula housed in CEEE resource center; and collects materials suitable for both school and general populations from Department of Education, state groups, utilities, and other sources.
2. Prepares and schedules traveling displays to promote efficiency and renewable in Iowa: prepares presents short programs on energy efficiency and renewable energy to schools and public audiences; and establishes relationships with organizations affiliated with target audiences in order to provide forum for materials, information, and/or presentations.
3. Develops or adapts materials or strategies appropriate for energy efficiency and renewable energy in Iowa. Pilots energy education efforts in the CFU service area in consultation with CFU; develops strategies to enhance energy efficiency efforts through the use of the CFU communications network: performs trend analysis, analyses consumption, and targets groups accordingly: and establishes evaluation processes to assess the effectiveness of the strategies utilized.
4. Networks and maintains relationships with utilities, public agencies, associations, and service organizations involved in energy matters in Iowa; offers programs and communication to meet their needs; organizes meetings, conferences, and initiatives that will raise awareness of energy efficiency and renewable energy; and seeks financial support from funding agencies.
5. Writes and manages grants pertaining to energy efficiency and renewable energy.

RESPONSIBILITIES AT THE UNIVERSITY OF DUBUQUE

Assistant Director of Computer Services

Maintain and inventory all academic computers, monitor the system 36 for operator difficulties and provide assistance, operate equipment in computer services area, instruct faculty and staff in the use of Lotus 123, WordPerfect, System 36, Procomm, etc.

Environmental Policy Program Coordinator

Produce the Model Earth Summit

Facilitate committees, which raise funds, attract speakers, decide topics, design menus, organize computer operations, educate the public, and invite guests.

Locate and oversee internships - Through personal contacts, networking with local, national and international companies find internships for our students.

Orchestrate off Campus presentations - Taught students how to create, display and market environmentally responsible products and ideas. Implement economically feasible energy saving solutions.

Show students how to **perform energy audits** using the UD campus as a test sample. After which recommendations are submitted to the president's office.

Fund-raise for Environmental Policy and Alumni departments by networking with tri-state, national and international environmental contacts.

Work with **Public Relation** office to promote UD environmental endeavors. Provide University Relations with a complete description of all environmental happenings that the Environmental Policy office initiates.

Instruct solar workshops - offer classes on how to build liquid and air solar collectors, solar distillers and solar cookers. Instruct students in the building of model solar cars.

Organize and **lead student trips**. Plan itinerary, arrange transportation, and assist in instructing students while on various environmental trips.

Create and maintain environmental database - Glean environmental trade magazines for the names, addresses and phone numbers of companies and foundations, which could become potential donors, internship providers and employers for UD students.

Advisor to Model U.N. -- Model Arab League - Coach Students preparing for Spring Model UN/Arab league events, and lead the trips.