

## Warren L. Brown, Consulting Physicist

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### **Professional Experience**

Mr. Brown's experience includes a variety of projects spanning nearly 20 years and involving sound, sound control, radiation, shielding and radiation safety. His involvement has encompassed consultation, education and research. Project areas include:

- Community noise, environmental impact assessment and the development of alternative solutions for industry.
- Noise control device design, specification and testing for machinery, equipment and building spaces including walls, barriers and enclosures.
- Environmental, biological and industrial radiation assessment and modeling.
- Radiation Safety program development, review, training and training material development.
- Community, academic and professional education in ionizing and non-ionizing radiation.
- Bio-Transport research of Rn-222 in humans.

### **Professional Activities**

Health Physics Society

Member, Tau Beta Pi, Maine Alpha

Member, Sigma Pi Sigma, Maine Chapter

### **Previous Positions**

5/89-Present	<u>Environmental Acoustics and Radiation Consultant</u> EnRad Consulting, Old Town, Maine
3/01 - Present	<u>Radiation Safety Officer</u> University of Maine, Orono, Maine
9/88-5/90	<u>Research Assistant</u> in Environmental and Health Physics, University of Maine, Orono, Maine
5/88-9/88	<u>Personal Audio Dosimetrist</u> James River Corp., Old Town, ME 04468
Prior Vocation	Medical Respiratory Care in a variety of positions, including more than ten years as a Director of Services

**Education**

- 1989-1990            M.S. Physics, May 1990  
University of Maine, Orono  
Course emphasis in Environmental Acoustics and Radiation
- 1985-1988            B.S. Engineering Physics, University of Maine, Orono
- 1978-1979            Atlantic Union College, Lancaster, Massachusetts  
No Degree, Health Science Studies
- 1974-1975            Southern College, Collegedale, Tennessee  
No Degree, General Studies

**Professional Talks, & Publications**

"Rn-222 Biotransfer in Humans", Maine Bio-Medical Symposium,  
Bar Harbor, Maine (Spring 1991)

"Rn-222 Biotransfer in Humans", Regional American Physical Society  
Meeting, University of Maine Orono, Maine (Fall 1990)

"The Measurement of The Biotransfer And Time Constant of Radon From  
Ingested Water by Human Breath Analysis." Health Physics Vol.62, No.2,  
Feb. 1992, p.162-170.

Gamma analysis of reactor activated geological specimens for identification  
and quantification of radio-nuclides. UM Radiation Safety Program

Participative Management System Facilitator/Trainer