ANDRE DESJARLAIS 865-574-0022 desjarlaisa@ornl.gov

*Innovative, hands-on research manager/scientist with a proven record of developing novel building envelope technologies and assessing their market viability while leading and coordinating a team of talented world class scientists to strive towards a common goal.*

**EDUCATION**

B.S. in Aeronautics, *Boston University,* 1973

**PROFESSIONAL EXPERIENCE**

Building Envelopes Researcher, *Oak Ridge National Laboratory,* 1991 - 1998

Perform research to support the Building Envelopes Research Program. Areas of expertise include building envelope and material energy efficiency, moisture control, and durability.

Building Envelopes Group Leader, 1998 - 2014

Manage the Department of Energy’s lead organization for performing energy-related opaque building envelope research. Mr. Desjarlais was responsible for a research budget of approximately $10 million and oversaw the activities of a staff of approximately twelve scientists and engineers. He was responsible for the financial well-being of the program and sought out financial support from the Department of Energy, other federal agencies, and the private sector to develop collaborative research opportunities.

Residential Building Integration Program Manager, 2014 - Present

Manage the ORNL Building Technologies Research and Integration Center’s Residential Building Integration Program. He is responsible for the financial and technical well-being of this $4 million program seeking financial support from the Department of Energy and orchestrating the technical content of projects.

Manager of Testing Services, *Holometrix, Inc. (formerly Dynatech R/D Company)*, 1973 - 1991

At Holometrix, Mr. Desjarlais oversaw the technical and administrative performance of a $2 million/year contract laboratory business specializing in the thermal performance of materials and systems.

Senior Design Engineer, *Westinghouse Electric Corporation*, 1980

Engineer in the Aerodynamics Group of the Sturdevent Division in Hyde Park, MA. Responsibilities included the analytical design and experimental verification of industrial axial and centrifugal power fans (up to 100 inches in diameter) with emphasis on total efficiency improvements and cost reduction.

**PROFESSIONAL ACTIVITIES**

Member of the American Society of Heating, Refrigerating, and Air Conditioning Engineers including Technical Committees TC 4.4 on Building Envelopes, TC 1.12 on Moisture Management of Buildings, TC 1.8 on Mechanical Insulation Systems, and Standard 160 on Moisture Design of Buildings. Past Chairman of TC 4.4.

Member of American Society for Testing and Materials (ASTM) Committees C16 on Thermal Insulation, E06 on Building Systems, D08 on Roofing, and E60 on sustainability. Past-chairman of ASTM Committee C16. Fellow of ASTM.

Member and past director of the Single Ply Roofing Institute (SPRI).

Director of the Roof Consultants Institute Foundation.

Member, Director, and past Treasurer of the Roofing Industry Committee on Weather Issues (RICOWI).

Founding Member and ex-officio Director of the Cool Roof Rating Council and its Technical Subcommittee.

**PUBLICATIONS**

I have authored or co-authored over three hundred technical papers, reports and proceedings including twelve papers in 2021.