

APR13-2013-000890

Abstract for an Invited Paper
for the APR13 Meeting of
the American Physical Society

My Path Into X-Ray, Optics and Pressure: Experiences and Achievements¹

WILLIAM EVANS, Lawrence Livermore National Laboratory

A successful career path in science is rarely formulaic or achieved by following a predefined set of actions. Sustained commitment, perseverance, performance and relationships are all key ingredients. Judicious selection of opportunities (research projects, employers, etc.) can lead to significant scientific accomplishments and career advancements. In this presentation I will review the trajectory of my scientific career spanning my experiences from the Westinghouse STS and ISEF, through Caltech and Harvard to my current position of High Pressure Physics Group Leader at Lawrence Livermore National Laboratory. I will discuss my involvement in some exciting research projects using x-ray synchrotron sources and optical spectroscopy to study static and dynamic properties of materials at high-pressures. In addition, I will share my perspectives on the importance of excellence, preparedness and the value of professional relationships.

¹Prepared By LLNL under Contracts W-7405-Eng-48 and DE-AC52-07NA27344. This work was funded by LLNL-LDRD (11-ERD-046). Portions were performed at HPCAT/APS/ANL, which is supported by DOE-NNSA/BES. APS is supported by DOE BES, Contract No. DE-AC02-06CH11357