

ENGINEERING EDUCATION

Oregon State University – Corvallis, OR
 Bachelor of Science – GPA: 3.90/4.0
 Current Major: Nuclear Engineering
 Advisor: Dr. Abi T. Farsoni, Associate Professor
 Radiation Health Physics
 Abi.farsoni@oregonstate.edu

Degree expected 06/2013
 Enrolled into OSU 09/2009

La Cueva High School – Albuquerque, NM
 High School Diploma – 3.85/4.0 (4.25 weighted)
 Strong Math and Physics Curriculum

Diploma Received 05/2009

RECENT PUBLICATIONS

- Proof-of-Concept: Method for Identifying Fuel Plate Plastic Deformation in Real Time – Holschuh, T., Weiss, A., Jensen, P., Marcum, W.R., “Proof-of-Concept: Method for Identifying Fuel Plate Plastic Deformation in Real Time”, Advances in Thermal Hydraulics – 2012 American Nuclear Society Winter Conference, San Diego, California, United States, November 11-15, 2012.
- SAND2012-2816C – Burnup Concept for a Long Life Fast Reactor Core using MCNPX – Holschuh, T.V., Parma, E.J., Sandia National Laboratories. Internal Sandia Report.
- SAND2012-1539C – Turbomachinery Scaling Considerations for Supercritical CO2 Brayton Cycles – Fleming, D., Conboy, T., Pasch, J., Holschuh, T., Sandia National Laboratories.
- Strain Gage Installation and Experimental Guide for Advanced Fuel Diagnostics – Fleming, D.D., Holschuh, T.V., Miller, T.J., Hall, A.C., Sandia National Laboratories. Submitted as an internal Sandia report in December 2012. Presented at 2012 ASME Turbomachinery EXPO in Copenhagen, Denmark.
- SAND2010-6510C – Silicon carbide tritium permeation barrier for steel structural components – Buchenauer, D., Kolasinski, R., Causey, R., Youchison, D., Garde, J., Holschuh, T., Calderoni, P., Sandia National Laboratories.
- SAND2010-7328C – Transient EM Analysis of ITER Plasma-Facing Components – Burke, T., Holschuh, T., Sandia National Laboratories.
- Thermal Control of the Liquid Lithium Divertor for NSTX – Nygren, R.E., Harjes, C.H., Wakeland, P., Ellis, R., Kugel, H.W., Kaita, R., Berzak, L., Zakharov, L., Ehrhart, B., Sandia National Laboratories. Peer-reviewed journal article in Fusion Engineering and Design 84 (2009) 1438–1441. Mentioned in acknowledgements due to high school educational status.

DEPARTMENT VOLUNTEER WORK

American Nuclear Society

- Outreach Chair – 09/2011 to present
 - o Nuclear Science Merit Badge Counselor for local Boy Scout troop
 - o Discovery Days coordinator
- Sophomore Representative – 09/2010 to 09/2011