

Dr. Lawrence D. Noble, Jr.  
1606 Bobwhite Trail, Stow OH 44224 · [LarryDNobleJr@gmail.com](mailto:LarryDNobleJr@gmail.com) · (440) 227-7339

**1. NAME: Lawrence D. Noble Jr.**

**2. EDUCATION**

DOCTORATE IN APPLIED BIOMEDICAL ENGINEERING

Dissertation: *Developme, May 0*

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Responsible for the oversight of the assembly and integration of the FCF Combustion Science (CS) and Fluid Physics (FP) racks in the Building 333 Highbay at NASA GRC. Responsible for developing and maintaining the cleanroom environment within the Highbay.

Developed the ground processing sequence that was followed at NASA Kennedy Space Center after delivery of the FCF CS and FP racks that was required before integration into the space shuttle cargo bay.

**ABB Automation (Bailey Controls Company), Wickliffe Ohio (October 1995 to November 1999)**

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4. The PediPump: A Versatile, Implantable Pediatric Ventricular Assist Device - Update IV, B. W. Duncan, K. Fukamachi, L. D. Noble, Jr, D. T. Dudzinski, C. R. Flick, H. Fumoto, A. Shiose, Y. Arakawa, T. Takaseya, F. Casas, and W. A. Smith, *Artificial Organs*, 33(11):1005–1008, Wiley Periodicals, Inc. (2009)
5. Vapor Compression Distillation Technology for Space Station Freedom, *International Conference on Life Support and Biospherics*, Proceedings, pp. 451-460 (1992).
6. An Assessment of the Readiness of Vapor Compression Distillation for Spacecraft Wastewater Processing, SAE 911454, 21st International Conference on Environmental Systems; San Francisco, CA; July 15-18 (1991)
7. Phase Change Water Recovery for Space Station Freedom and Future Exploration Missions, SAE 901294, 20th Inter-Society Conference on Environmental Systems; Williamsburg, VA; July 9-12 (1990)

## **10. PROFESSIONAL DEVELOPMENT ACTIVITIES**

BMES Educational Summit (May 2019)

BME Design Team Advisor Source Training (February 2019)

ALICE Training (November 2018)

BME Design Team Advisor Source Training (September 2018)

Brightspace Training (August 2017)

Springboard Training (August 2016)