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Resume of Lonnie A. Wilson, 1979

Wilson, Lonnie A.

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RESUME OF LONNIE A. WILSON

Lonnie Wilson was born in July 1942 in Orofino, Idaho. He received his B.S. in electrical engineering in 1965 from Walla Walla College, Washington. He received his M.S. and Ph.D. from the University of California at Los Angeles in 1969 and 1973, respectively, both in electronic systems. His thesis research was in the area of high frequency transistor power amplifiers.

He was employed at the Naval Weapons Center from 1966-79. While there, he participated on a wide variety of programs related to the US Navy weaponry. His work included design and development of the SNIPE missile, evaluation of semi-active laser illuminated trackers, study of a complex airborne analog computer for the ARBS application, and systems integration of the A-7 TRAM, a system developed to enhance the night attack capability of the A-7E Navigation and Weapons Delivery System.



In 1974, he was appointed Head, Electronics Branch. In this capacity he was responsible for the complete management and technical direction of the pattern recognition, target classification, and ESM classification system programs assigned to the Branch.

From 1977-78, he was on special assignment to the Naval Air Systems Command, in Washington, DC. During this time, he was project engineer for the ESM Spread Spectrum Intercept System, assistant NAVAIR manager for the Surface and Aerospace Target Surveillance Block, NAVAIR 6.2 ESM Program and Technical Manager, member of the Navy EW Technical Strategy Team, member of NAVAIR 03 Committee, and responsible for the EP-3 Design Tradeoff Studies.

In 1979, he accepted a position at the Naval Postgraduate School as an Associate Professor of Electrical Engineering. He has teaching duties in the electronic warfare, radar, signal processing, and digital systems technology areas and his research is in target classification.

Prof. Wilson is a member of the Institute of Electrical and Electronics Engineers, and the Association of Old Crows.