

## Jacqueline Toussaint-Barker

Ms. Jacqueline Toussaint-Barker is a senior engineer and program manager at AFRL's Sensors Directorate, located at Wright-Patterson AFB, OH. Ms. Toussaint-Barker has worked in AFRL for over 17 years. Her background is in RF systems for air-to-ground radars as well as modeling & simulation. Ms. has served as a DARPA agent for the last 8 years and has worked on a number of high profile projects such as MSTAR, FOPEN and most recently RF MEMS Improvement program now part of the HERMIT effort. Ms. Toussaint-Barker is currently the Acting Chief of the Electronics Exploration Branch. Prior to this assignment, Ms. Toussaint served as the technical lead for the WBI/OSU Partnership Interchange Agreement (PIA).

Ms. Toussaint worked with sensor technical experts to identify 6.2 needs for research in aerospace sensor technology for military applications. As a result the Sensor Directorate has 10 PhD students working on sensor specific research areas over the next 2 years as they pursue their PhD in Electrical Engineering. Jackie was also the Program Manager for the Minority Leaders Program, which currently has 14 universities (including HBCU/MI's) conducting basic and applied research on aerospace technologies for military applications. Her role as PM for the Minority Leaders Program allowed Ms. Toussaint-Barker to work with senior management to develop the Sensors Directorate's Diversity in Research Initiative (DRI). DRI encompasses not only research with universities, but creating strategic partnerships with universities and recruitment of interns (undergrad, graduate and Post Docs) for the directorate's workforce needs. Ms. Toussaint-Barker has a BSEE from University of New Orleans, MS Management Science from University of Dayton.

Her hobbies include community work such as voter registration drives, historic home preservation and educational outreach programs with local youth. Ms. Toussaint is happily married to David J. Barker.