

As part of its strategic plan, the University of Oklahoma (OU) is continuing to expand its internationally known radar program. One tenure-track faculty positions at the rank of assistant professor is available this time in OU's School of Electrical and Computer Engineering (ECE) within the Gallogly College of Engineering (GCoE). OU has developed an interdisciplinary radar program with state-of-the-art laboratory facilities, advanced radar test beds, engineering support staff. The Advanced Radar Research Center (ARRC, <http://arrc.ou.edu>), which serves as the cornerstone of the radar program is a 125+ person research center on campus that has developed principal radar capabilities, including the design & prototyping of radar systems, mobile radar platforms, multi-function radar, phased array technology, digital signal & array processing, and reconfigurable components and architectures. OU welcomes applicants who have demonstrated expertise in radar with specific areas described below and who are committed to be an integral part of research and educational mission at OU.

**Position: Heterogeneous, Real-Time Computing for Multi-Channel Radar Systems**

- Low-SWaP, high-performance embedded computing;
- High-speed, low-latency data interfaces and networking;
- Real-time computing on heterogeneous processor types;
- Optimized GPU computing and exploitation of GPU architectures for HPEC (tensors, multi-GPU instantiations, advances in GPU for AI/ML);
- Compute-focused optimization of System-on-Chip (SoC) technologies.

**Apply here:** <https://apply.interfolio.com/141586>

