

FutureG Summer Research Camp

ASU Department of Defense Center of Excellence (COE) in Future Generation Wireless Technology (FutureG)

2024 Summer Research Camp – Applications Due April 10, 2024

Join our free weeklong summer research camp designed for ASU ECEE, SCAI, and AME undergraduates, diving into the latest in future-generation wireless technology (6G+). Gain hands-on experience and insights into wireless technology, AI, cybersecurity, edge computing, AR/VR, and more through lectures and demos by leading researchers. Explore cutting-edge topics and opportunities in the FutureG field and within the COE-FutureG, enhancing your knowledge and research skills.



Program Dates (1 week)

ASU Tempe Campus: 9 am to 5 pm, May 6 to May 10, 2024

Program Benefits

\$1000 stipend

Program Eligibility

- Be enrolled in an undergraduate degree program in ECEE/SCAI/AME.
- Active enrollment in Spring 2024 and continuing enrollment in the Fall 2024.
- Be available to participate each day from 9 AM to 5 PM, from May 6 to May 10.

Program Application

Apply by April 10 for priority consideration. Open until April 24 or until filled, whichever is first.

To apply, complete the common application using the link: <https://links.asu.edu/FutureGSummerCamp24>

Students with disabilities, veterans, and those from traditionally underrepresented groups in STEM are encouraged to apply.

Send questions to Dr. Yanchao Zhang, COE-FutureG PI and Director | yczhang@asu.edu | futureg.asu.edu

About DoD COE FutureG (future.asu.edu)

The DoD COE-FutureG is funded by the U.S. Department of Defense through the Army Research Laboratory. Arizona State University spearheads this interdisciplinary research alliance, collaborating with Ohio State University and various partners from the U.S. Army Research Laboratory and other DoD research entities. COE-FutureG aims to foster an environment conducive to research, education, knowledge dissemination, and workforce development, all geared towards bolstering the U.S. military's technological superiority in the realm of Future Generation Wireless Technology.

FutureG networks, such as 6G and beyond, are envisioned to seamlessly incorporate artificial intelligence and machine learning into integrated sensing, communication and computation. FutureG networks are distinct from existing networks like 5G due to various advances, including global coverage, faster data rates, lower delays, high-precision positioning, improved network reliability, greater energy efficiency and better security. The COE-FutureG's interdisciplinary research team is dedicated to pioneering foundational hardware and software innovations to deliver exceptional network capacity, developing scalable network control, promoting intelligent and resilient network management, strengthening security and reliability, crafting energy-efficient system-on-a-chip technologies, and leading the development of augmented and virtual reality applications specifically tailored for FutureG technologies. COE-FutureG is firmly committed to advancing the research skills of both graduate and undergraduate students, fostering and empowering emerging researchers in their early careers within the realm of FutureG.