

UNAM's Vision and Mission

National laboratories play a critical role in the development of value-added technologies based on advanced scientific research. The centralization of state-of-the-art equipment not only lowers cost in their investment and maintenance, but also ensures the sustainability of their service and availability. In addition to academic researchers, national laboratories also serve the R&D staff in the industry, which minimizes R&D expenditures and expedites the research period for companies by providing access to specialized research facilities. National laboratories also serve as a central hub for know-how exchange by hosting researchers from a variety of disciplines and fosters cooperative efforts between academic and industrial researchers.

Products based on advanced technologies require continuous R&D support in order to succeed in the international market. The competition in developing tomorrow's technologies is fierce and it requires very deep know-how, well-trained personnel and advanced R&D infrastructure. For this reason, developed countries invest heavily on national laboratories.

The establishment of UNAM in 2005 is based on this vision. The initial phase of the UNAM project was completed in 2007 with the investment of Bilkent University and Ministry of Development of Turkey, and the facility soon opened its doors to researchers all across Turkey. In addition, UNAM started offering the Materials Science and Nanotechnology graduate program in 2008. More than 100 graduate students are currently enrolled in this program, and continue their studies under the guidance of UNAM's expert faculty members. UNAM researchers conduct cutting-edge research projects and publish their findings at respected international journals. Researchers also transfer their patented technologies to the industry either through licensing or their own spin-off companies.

UNAM provides complete access to interested companies and researchers from all universities. This provides a significant opportunity to all of the researchers across the country to advance their studies. The effectiveness of UNAM's organizational structure is reflected in the scientific and technological output of researchers utilizing the facility. After its establishment, UNAM has successfully completed a second phase project in 2013 and established a reputation for academic excellence despite its young age. UNAM aims to grow further while performing its mission to excel as a research center, conducting advanced research, generating revenue while producing the necessary know-how to shape the technological development of Turkey and being a role model for other national research centers.

Nowadays, while developing countries seek to avoid the middle-income trap, UNAM's vision outlined a decade ago aims to develop innovative technologies that will lead to value-added, competitive products. UNAM, a young and dynamic institute, has recently completed its establishment and looks forward to a healthy level of growth in the upcoming years, further substantiating its reputation as an institute renowned worldwide for its accomplishments.



Salim Çıracı
Founding Director