

EXPERIMENTAL HALL B

at Thomas Jefferson National Accelerator Facility

The research program with the CEBAF Large Acceptance Spectrometer (CLAS12) and other specialized equipment includes:

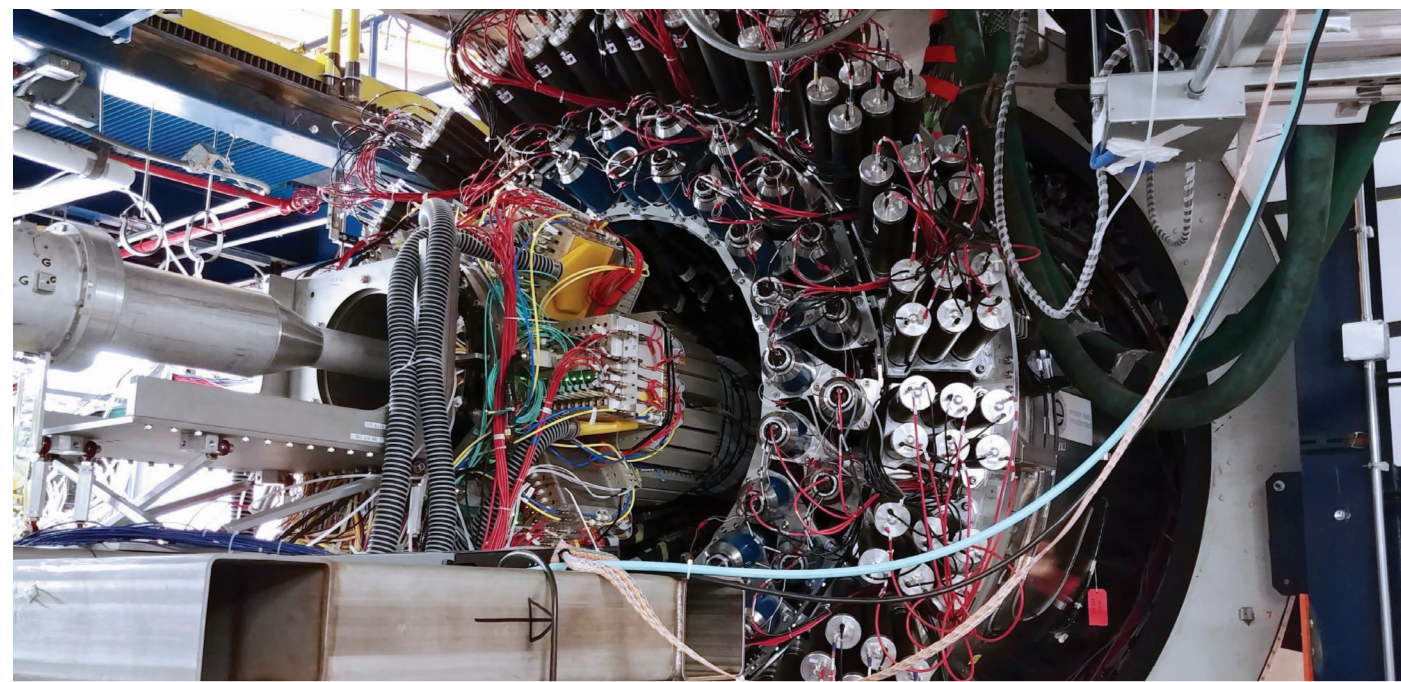
- Nuclear Femtography: Imaging the quark and gluon distribution within the nucleon and nuclei
- Gravitational structure of the nucleon
- Searches for exotic forms of matter
- Spectrum and structure of excited baryons
- Quark-gluon interactions in nuclei

Hall B's international collaboration of scientists represents more than 55 institutions and 11 countries.

11 COUNTRIES

Armenia, Chile, China, France, Germany, Israel, Italy, Russia, South Korea, United Kingdom, and United States

Jefferson Lab



The CLAS12 Central Detector inside Experimental Hall B at Jefferson Lab.

55+ INSTITUTIONS

A.I. Alikhanyan National Science Laboratory (Yerevan Physics Institute); Argonne National Laboratory; Budker Institute of Nuclear Physics; **California State University, Dominguez Hills***; CEA IPN - Instituto Politécnico Nacional; Christopher Newport University; Duke University; Fairfield University; Fermi National Accelerator Laboratory; **Florida International University***; Florida State University; GSI Helmholtzzentrum für Schwerionenforschung; **Hampton University***; Idaho State University; Indian Institute of Technology; Institute for Theoretical and Experimental Physics (ITEP); Institute of Research into the Fundamental Laws of the Universe (IRFU, CEA); Ruhr-Universität Bochum; Institut National de Physique Nucléaire et de Physique des Particules (CNRS/IN2P3); Istituto Nazionale di Fisica Nucleare (INFN) – Laboratori Nazionali di Frascati, Laboratori Nazionali del Sud, Sezioni di Catania, Sezione di Ferrara, Sezione di Genova, Sezione di Pavia, Sezioni di Padova, Sezione di Roma, Sezione di Roma Tor Vergata, Sezione di Torino, University of Sassari; James Madison University; Kyungpook National University; Laboratoire de Physique des 2 Infinis Irène Joliot-Curie (IJCLab); Lamar University; Massachusetts Institute of Technology; **Norfolk State University***; **North Carolina Agricultural and Technical State University***; Ohio University; Old Dominion University; Rensselaer Polytechnic Institute; Shandong University; Skobeltsyn Institute of Nuclear Physics, Lomonosov Moscow State University; SLAC National Accelerator Laboratory; Stony Brook, State University of New York; Tel Aviv University; Temple University; Tufts University; The Catholic University of America; The George Washington University; The Hebrew University of Jerusalem; Tsinghua University; Universidad Técnica Federico Santa María; Università degli Studi di Ferrara; Università degli Studi di Genova; Università di Roma Tor Vergata; University of California, Davis; **University of California, Santa Cruz***; University of Connecticut; University of Giessen; University of Glasgow; University of Kentucky; University of New Hampshire; University of North Carolina at Wilmington; University of Richmond; University of South Carolina; University of Virginia; University of York; Virginia Tech; William & Mary

* U.S. Historically Black Colleges and Universities
• U.S. Hispanic-Serving Institutions