WHY CHOOSE CBB?

Bright x-ray and electron beams power today’s scientific research industry.

With more than 20 faculty across multiple institutions and disciplines, CBB provides a stimulating academic environment that fosters collaboration.

One in three Nobel Prizes in Physics and Chemistry are awarded to research that utilizes intense X-ray or particle beams.

JOIN CBB TO MAKE BETTER BEAMS.

Contribute to cutting edge research at world leading institutions.

Experience interdisciplinary research, working side-by-side with material scientists, chemists, condensed matter physicists and accelerator scientists.

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Explore unique areas of science, unique areas of the U.S.

CBB graduate students participate in cutting-edge interdisciplinary research combined with a career development program and networking with leaders in science and industry.

CBB RESEARCH THEMES

Beam Production –
Develop the new knowledge needed to produce brighter beams.

Beam Acceleration –
Explore superconductivity in extreme conditions.

Beam Dynamics and Control –
Control beams using machine learning and other advanced techniques.

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