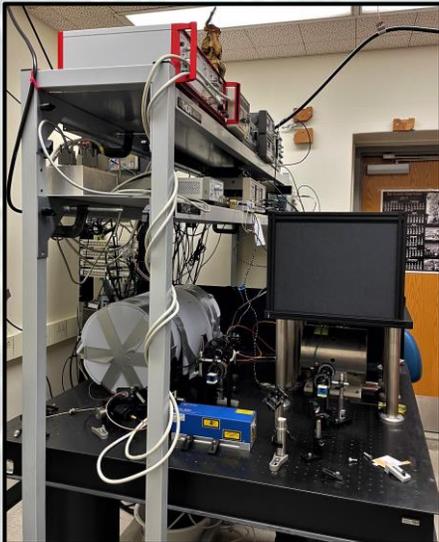


# Welcome to Physics!

California State University East Bay's Physics Department is a teaching and research department with a curriculum that emphasizes hands-on experience, real-world applications and opportunities to work closely with faculty on research projects. We offer Physics majors and minors and an Astronomy minor. Our faculty are dedicated to the success of our students, with expertise in ultrafast optics, atomic physics, astrophysics, particle physics and condensed matter physics.



Prof. Kimball and his team of students use techniques of experimental atomic physics and nonlinear optics for precision tests of the laws of physics. Their research focuses on searches for exotic interactions that may be connected to the mysteries of dark matter or dark energy. The pictured experimental apparatus uses lasers to control and probe a gas of atoms contained within a multi-layer magnetic shield system to search for new fundamental forces.



## Contact Us

Department of Physics

25800 Carlos Bee Blvd  
Science North #231  
Hayward, CA 94542

Phone: 510-885-3401

Email: [physics@csueastbay.edu](mailto:physics@csueastbay.edu)

Website: [www.csueastbay.edu/physics](http://www.csueastbay.edu/physics)

CAL STATE  
**EAST BAY**  
COLLEGE OF SCIENCE



Department of  
**Physics**



# A word from the Chair

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**Dr. Erik Helgren, Department Chair**

On behalf of the Department of Physics here at CSU East Bay, I would like to extend a welcome message for any prospective Physics majors. We have dedicated faculty and staff who do a remarkable job teaching Physics, the most fundamental of sciences. Every faculty member is actively involved in research and all of our students are encouraged to participate in lab research. We currently have a small number of majors here at CSU East Bay, though the number is steadily rising. We have an active and vibrant student community, who study together and meet regularly via the Society of Physics Students. We offer an annual Outstanding Physics Student of the year award that includes a cash award, and have funds to support student research and travel to conferences. We look forward to seeing you succeed in your Physics endeavors.



# Why study Physics at CSUEB?

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- Smaller class sizes
- Access to cutting-edge research opportunities
- Scholarship support through formal mentoring programs such as Cal-Bridge
- Student support programs such as a tutoring center, supplemental instructors and learning assistants
- Strong community between students and faculty
- Dedicated study space
- Student recognition
- Weekly seminars from students and scientists in the field



# What CSUEB Physics students do after they graduate?

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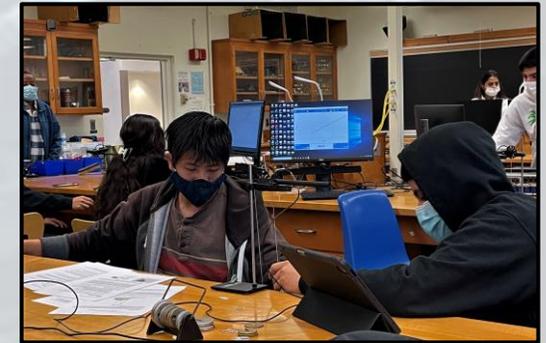
CSU East Bay Physics alumni successfully pursue various career paths. Some move on to earn their Masters and PhDs in Physics, Astronomy, Engineering and other related STEM fields. Others go into teaching K-12 while others move into industry and directly contribute to some of the most remarkable technological advances made by Bay Area companies such as Tesla and Google.

# Programs & Degrees

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**Bachelor of Arts: Physics, BA**

**Bachelor of Science: Physics, BS**



**Minor: Physics**



**Minor: Astronomy**

