

Crocker Nuclear Laboratory Beam and Shop Time Development Grant
Application

Send application to:
Crocker Nuclear Laboratory Director
One Shield Avenue
Davis CA 95616-8569

PROJECT TITLE : _____

Applicant: _____

Address: _____

Phone: _____ Fax: : _____ E-Mail : _____

BEAM REQUIREMENTS:

	Particle (proton, alpha, etc.)	Energy (MeV)	Minimum/Max Intensity (nanoampere)	Sum of Beam Preparation Times (Hours)	Sum of Beam-On-Target Times (Hours)
1					
2					
3					
4					

TOTAL TIME REQUEST (HOURS): _____

WHEN WILL YOUR EXPERIMENT BE READY TO RUN (month/year)? _____ / _____

Is there any Mechanical and electrical shop use request? Yes/Not

If yes, describe the type of work required and the number of shop hours requested

TOTAL TIME REQUEST (HOURS): _____

Do not write below the line

HOURS APPROVED: Beam Time: _____
Shop Time: _____

Crocker Nuclear Laboratory Beam and Shop Time Development Grant
Application

Description of Experiment

Please organize material under the following headings or their equivalent:

1. Scientific justification, including background and references.
2. Goals of proposed experiment.
3. Experimental details—apparatus (enclose sketch).

1_ Scientific Justification

2_ Goals of the proposed experiment

3_ Experimental Details (use extra page if necessary)

Crocker Nuclear Laboratory Beam and Shop Time Development Grant
Application

Potential Project Funding Source and/or Educational Impact of
Proposed Experiment

(State if this work will help to secure a research grant application for further use of the Cyclotron facilities and/or if this work will be related to projects for undergraduate or graduate educational goals)

Crocker Nuclear Laboratory Beam and Shop Time Development Grant
Application

Safety Information

It is an important goal of the CNL that users perform their experiments safely. Your proposal will be reviewed for safety issues by the Cyclotron Safety Committee.

SAFETY CONTACT FOR THIS PROPOSAL:

HAZARD ASSESSMENTS (CHECK ALL ITEMS THAT MAY APPLY TO YOUR EXPERIMENT):

- Radioactive sources required for checks or calibrations.
- Transport or send radioactive materials to or from the CNL.
- Transport or send— to or from the CNL—chemicals or materials that may be considered hazardous or toxic.
- Generate or dispose of chemicals or materials that may be considered hazardous or toxic.
- Mixed Waste that will be generated and/or will need disposal.
- Flammable compressed gases needed.
- High-Voltage equipment (Non-standard equipment with > 30 Volts).
- User-supplied pressure or vacuum vessels, gas detectors.
- Non-ionizing radiation sources (microwave, class III or IV lasers, etc.).
- Biohazardous materials.
- Other potential hazards: _____

PLEASE PROVIDE BRIEF DETAIL ABOUT EACH CHECKED ITEM.