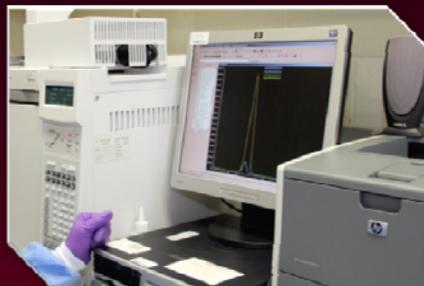




United States Army Medical Research and Material Command
**US Army Medical Research Institute
of Chemical Defense**

Collaborative Research Facility



OVERVIEW

- A **state-of-the-art facility** with **experienced staff** and the programmatic infrastructure needed to run a wide variety of **chemical warfare agent studies**
- Five animal rooms and three laboratories available for *in vitro* and *in vivo* studies
- Space is **currently available** for projects and new work can **begin quickly**
- CRF Personnel are **qualified** to work with **dilute agent** at the CRF
- **Work with collaborators** to **develop** study plans, Statements of Work, and budgets

CAPABILITIES

- **Work with a variety of Dilute Chemical Agent**
 - Nerve Agents: *Tabun (GA), Soman (GD), Cyclosarin (GF), VX, and VR*
 - Vesicants: *Sulfur Mustard (HD) and Lewisite*
 - *Proceeding with preparations to do Neat agent testing*
- **Conduct small mammal testing**
 - *Mice, rats, guinea pigs, and rabbits*
- **Expose animals to chemical agents and test articles**
 - *Injections: Subcutaneous, intramuscular, intraperitoneal, and intravenous*
 - *Inhalation*
 - *Gavage*
- **Collect blood and a variety of other samples**
- **Conduct Assays**
 - *Spectrophotometric assays for Butyrylcholinesterase (BChE) & Acetylcholinesterase (AChE)*
 - *Agent concentration determinations utilizing GC-MS*



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SUBMITTING A REQUEST FOR CRF COLLABORATION :



- Click on **Request for CRF Collaboration** below:
 - “Link to **Request for CRF Collaboration**” file
- Follow the directions to fill out form and for submission.

QUESTIONS

- If you would like to **obtain additional information** on the Collaborative Research Facility at USAMRICD, please contact:
 - *CRF Chief Scientist*
 - *Tel: 410-436-0675*
 - *Email: usamricd-crp@amedd.army.mil Subject: Attn: CRF*

