What Our Grant Recipients Say

"The funds I have received from the Foundation have resulted in optimization of a realistic alternative…. This system is less expensive than using mice or rigid tissue culture flasks. Even those with no concern for animal welfare cannot avoid this obvious advantage."

"Our success with this model and our advocacy of the technology will significantly reduce the number of mice used to produce monoclonal antibody in ascites…. This project would not have been feasible without ARDF's support."

"This assay can be correlated with the irritancies of various chemicals, particularly those that contain surfactants…[and] is now being used routinely for product development."

"We are plastinating specimens so that we can reduce our animal use by a projected 60% on an annual basis."

You Can Help

ARDF is demonstrating that the development, promotion, and utilization of alternatives is not a threat to scientific research. Rather, it is an opportunity for advancement. You can help advance alternatives development by supporting the Alternatives Research & Development Foundation.

For more information, contact:
Alternatives Research & Development Foundation
801 Old York Road, Suite 316
Jenkintown, PA 19046
Phone: 215-887-8076
E-mail: info@ardf-online.org

Yes, I want to support the development of alternatives to animal use in science.

Enclosed is my contribution in the amount of:

❑ $1,000 ❑ $500 ❑ $250
❑ $100 ❑ $35 ❑ Other $_____

❑ I have enclosed a check or money order payable to ARDF
or Please bill my ❑ Visa* or ❑ MasterCard*

Card Number: _____-_____-_____-_____
Exp. Date: _____/_____
Signature: _____

Name: _____
Address: _____
_____
_____
Phone: _____
E-mail: _____

Please make check payable to ARDF and send to ARDF 801 Old York Road, Suite 316, Jenkintown, PA 19046-1685.

*Your credit card statement will show charge as "AAVS."
Your contribution is tax-deductible.

Alternatives Research & Development
FOUNDATION

www.ardf-online.org

ARDF Mission

Established in 1993, the Alternatives Research & Development Foundation (ARDF) supports the development, validation, and adoption of non-animal methods in biomedical research, product testing, and education.

The fundamental principle of ARDF is that the primary issue in animal experimentation is not the researchers nor the questions being asked, but rather the tools chosen to answer those questions. Focused on methods and models used in research, ARDF works constructively with partners in the science community to bring alternatives technology and compassion to modern laboratories and classrooms.

Alternatives can decrease the use and suffering of laboratory animals, while at the same time increase the cost effectiveness, rapidity, and value of research.

Congressional Office of Technology Assessment 1986

ARDF Strategy: fund, promote, reward

The ARDF Alternatives Research Grant Program was established to *fund* research projects that develop alternative investigation methodologies and/or utilize an alternative research approach to advance science. Over $1.5 million in grants have been awarded to date.

ARDF works to *promote* alternatives through the sponsorship of scientific meetings across the globe, participation in regulatory and industry meetings, and providing free consultations with media, scientists, and government officials.

Recognizing individuals in the scientific community who have made extraordinary contributions to the advancement of alternatives, ARDF *rewards* scientists through its William and Eleanor Cave Award.

The use of experimental animals on the present scale is a temporary episode in biological and medical history.

Sir Peter Medawar, Nobel Prize Winner

ARDF Successes

Since its establishment, the ARDF Alternatives Research Grant Program has funded dozens of significant research projects in three targeted areas. Here is a sampling:

Education

- Interactive, computer simulations for pharmacology and physiology.
- 3-D computer-assisted programs to teach surgical techniques.
- Plastination laboratory to produce anatomical specimens as alternatives to dissection.

Testing

- Cell culture methods to detect a chemical's ability to cause birth defects.
- Development of simulated human lungs cultured human cells.
- New in vitro alternatives to the Draize eye test.
- Human cell-based assays to identify anti-cancer drugs.
- Development of organotypic human cell cultures.

Basic Research

- Development of 3-D bioengineered human skin for burn studies.
- In vitro efficacy tests for AIDS vaccines.
- Cell culture models of blood-brain barrier.
- In vitro models of atherosclerosis.
- In vitro production of MAbs, a process that saves more than a million animals each year.