

NRA at 19 years

The National Radiobiology Archives was first funded in 1989.

What has been accomplished?

Where is it going?

Chuck Watson

May 9, 2008

1989 - 1992

Ambitious plans with sufficient funding

Stake holder advisory committee to insure
inter laboratory cooperation

- Integrated database
- Repository for paper records
- Tissue collection
- Four person team
- Acquire Davis materials

1992 - 1995

- DOE's Mortgage Cancellation
- Reduced funding
- Disposal of wet tissues
- Staff cuts
- Retirement Buyout

Transfer to USTUR in 1996

- John Russell, curator
- Slide and Block collection
 - Davis
 - PNNL
- Paper Records
- Database

2005 - Present

(Tony James era)

- Chuck Watson – part time consultant
- Graduate Students
- Inventory modernization and integration with USTUR
- ERA advisory board

Data subset retrievals for graduate students

- Data mining format
 - Joel Millsap, WSU
 - Omni-Viz
 - Flat file 357,677 records from 459 dogs.
- Excel spreadsheets
 - Dulaney Wilson, Medical University of South Carolina, ITRI Lung Fibrosis
 - U of Idaho, 12 bioassay dogs for IMBA

Inventory modernization

- THEMIS software
- NRA information into same structure as NHRTR

ERA-PRO

Funded by:

The Federal Office for Radiation Protection (Bundesamt fuer Strahlenschutz - BfS), Germany

The University of Cambridge (UCam), United Kingdom

Team Members:

Bernd Grosche, BfS (co-ordinator)

Paul Schofield, UCam

Clemens Adelmann, BfS

Michael Gruenberger, UCam

ERA-PRO: European radiobiological archives

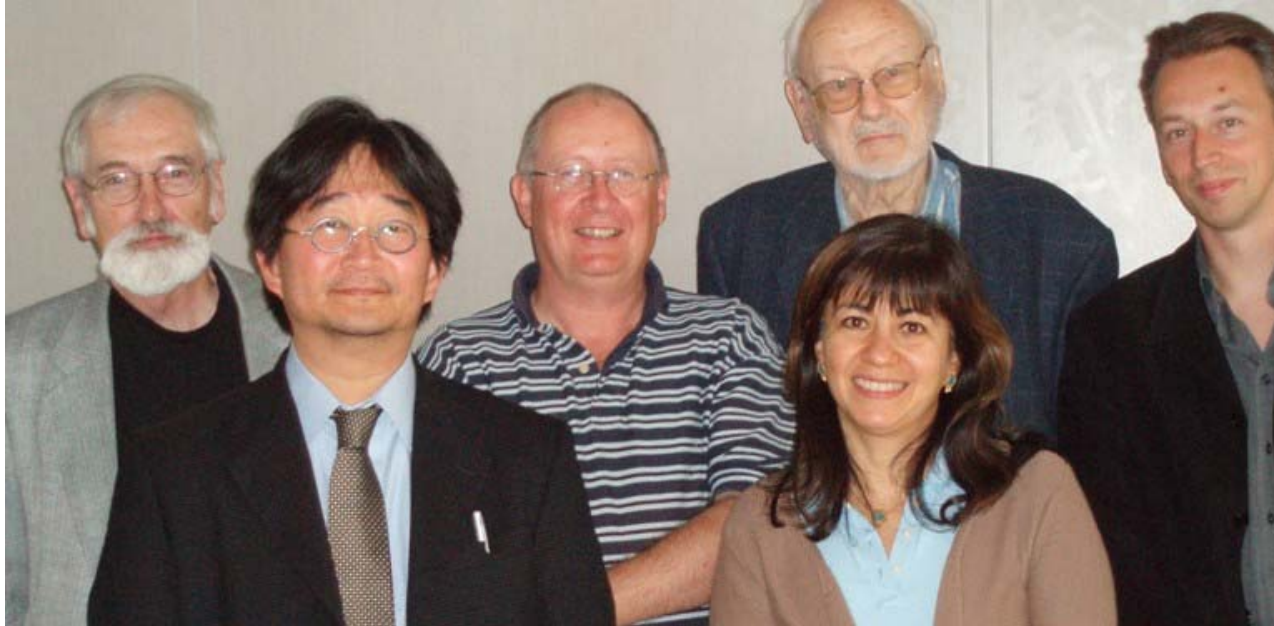
The project will put into effect an easy-to-use database for further exploitation by the scientific community. Sustainability of such databases is a perennial problem, but the stable nature of the institutions conducting this project guarantees the maintenance of the database in the future after achieving the goals of the project.

Accordingly, it is the predominant objective of the project to transfer the existing database into a sustainable form. This will allow its use not only today, but also for the next decade and more. Close collaboration with the relevant Japanese groups as well as the American National Archives is continued.

ERA Objectives

- convert an existing database to an internet accessible version
- allow internet access to the data for the scientific community
- standardize pathological nomenclature and ontology used in ERA according to the one used in the existing database PATHBASE
- establish links to other comparable international databases, namely NRA and JRA as well as PATHBASE
- raise awareness of ERA in the scientific community
- map and estimate the quality of the biological material still available as well as conduct a feasibility study on storing such material.

ERA- Advisory Board



Mike Atkinson, Germany (chairman)
Chuck Watson, USA (representing NRA)
Shin Saigusa, Japan (representing JRA)
Georg Gerber, Germany/Belgium (former curator of ERA)
Leticia Quintanilla-Fend, Germany (pathologist)
Harmen Bijwaard, The Netherlands (data modeller)
Soile Tapio, Germany

ERA- Webpage

<http://www.bfs.de/en/bfs>

The screenshot shows a Mozilla Firefox browser window displaying the ERA-PRO website. The browser's address bar shows the URL http://www.bfs.de/en/bfs/forschung/Era_pro.html. The website's header features a navigation menu with links: Home, Transport / Storage, Ionising Radiation, Optical Radiation, Nuclear Safety, and Electromagnetic Fields. A search bar is located on the right side of the header. The main content area is titled "ERA-PRO: European radiobiological archives" and includes a paragraph describing the project's goals and partners. Below this, there are sections for "Participants", "News", "About", and "Events". The "Participants" section features logos for the European Radiobiological Archives (ERA), the Bundesamt für Strahlenschutz (BFS), and the University of Cambridge. The "News" section states that there are currently no news available. The "About" section provides a more detailed description of the project objectives and its participants. The "Events" section lists project events. A sidebar on the left contains links to various research programs, including Mobile Telecommunication Research Programme, EU Research Framework Programme, ERA-PRO, Research Funded by Third Parties, and Departmental radiation protection research programme. The browser's status bar at the bottom indicates "Done".

ERA-PRO - Mozilla Firefox

File Edit View History Bookmarks Tools Help

[http://www.bfs.de/en/bfs/forschung/Era_pro.html](#)

Getting Started Latest Headlines The Seattle Times: H... Nancy's Bookmarks

Bundesamt für Strahlenschutz | Verantwortung für Mensch und Umwelt |

Home Transport / Storage Ionising Radiation Optical Radiation Nuclear Safety Electromagnetic Fields Search

Site Map

Mobile Telecommunication Research Programme

EU Research Framework Programme

ERA-PRO

Research Funded by Third Parties

Departmental radiation protection research programme


Home > Research > ERA-PRO

ERA-PRO: European radiobiological archives

The Federal Office for Radiation Protection (BFS), together with the University of Cambridge, has started a 3-year project to promote an existing European database called the European Radiobiology Archives (ERA). The project ERA-PRO is partly financed with support from the European Commission. Together with the American National Radiobiology Archives (NRA) and Japanese Radiobiology Archives (JRA), ERA includes nearly all radiation biology studies with animals carried out between 1960 and 1998 in Europe, the US, and Japan, involving a total of more than 300,000 animals.

Participants

The project ERA-PRO includes two partners from two countries: the University of Cambridge and the Federal Office for Radiation Protection (BFS).



more...

About

This item contains a more detailed description of the project objectives and its participants. [next...](#)

News

Currently there are no news available. [more...](#)

Events

A list of project events. [next...](#)

Done

NRA – 20th year

- Complete inventory integration
- Attend ERA meeting
- Train someone
 - Database contents
 - Subset preparation



Retire to Ecuador