



International Cancer
Research Partnership

ICRP: adding value to cancer research

ICRP's mission is to add value to cancer research efforts internationally by fostering collaboration and strategic co-ordination between cancer research organizations.

www.icrpartnership.org

History & Milestones

2000

- CSO cancer research classification developed by NCI & CDMRP
- 8 organizations invited to join

2003

- First generation website launched

2010

- Agreement to share full data between Partners

2011

- New website launched to Partners, giving access to improved analytical tools

2012

- Public launch of new ICRP site
- First international analysis of cancer research (2005-2008) published

2014

- Data from 81 organizations included in the ICRP database
- Planned launch of 2nd International analysis of cancer research (2005-2011/12) in late 2014



International Cancer
Research Partnership

Directors & managers from:

USA

American Cancer Society

American Institute for Cancer Research

Avon Foundation

California Breast Cancer Research Program

US Department of Defense (CDMRP)

Susan G. Komen for the Cure

National Cancer Institute & NIH

National Pancreas Foundation

Pancreatic Cancer Action Network

Oncology Nursing Society Foundation

Canada

Canadian Cancer Research Alliance
(Consortium of 42 funders)

Europe

National Cancer Research Institute
(UK Consortium of 21 largest funders)

Dutch Cancer Society

French National Cancer Institute

Australia

National Breast Cancer Foundation

Cancer Australia

Japan

National Cancer Center



International Cancer
Research Partnership

What we do

Participating organizations/agencies share high quality, coded data via the international cancer research database

The ICRP database contains data on more than 63,000 grants from 81 institutes and organizations (totalling \$14.7bn) and is expanding every month. We use this unique resource to ask

- What are the gaps in cancer research?
- What are the trends in cancer research funding?
- What types of projects have been funded (e.g. Clinical, Research, Training)?
- What research areas are being funded (CSO)?
- What types of cancer are being funded?
- What is the funding profile across different countries and organizations?
- How can we maximize our research efforts?
- How can we foster strategic collaborations between funding organizations?

Understanding the cancer research landscape

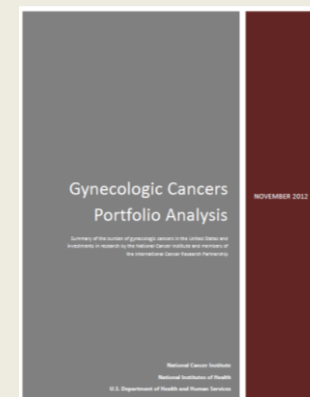
ICRP publishes regular data reports

- 2005-2008 benchmark analysis of cancer research funding
- 2005-2011/12 trend analysis of international cancer research (publication due in late 2014)

ICRP data contributes to topic-specific reports led by ICRP, or interests of partner organizations (e.g., Childhood cancer)

Current ICRP analyses:

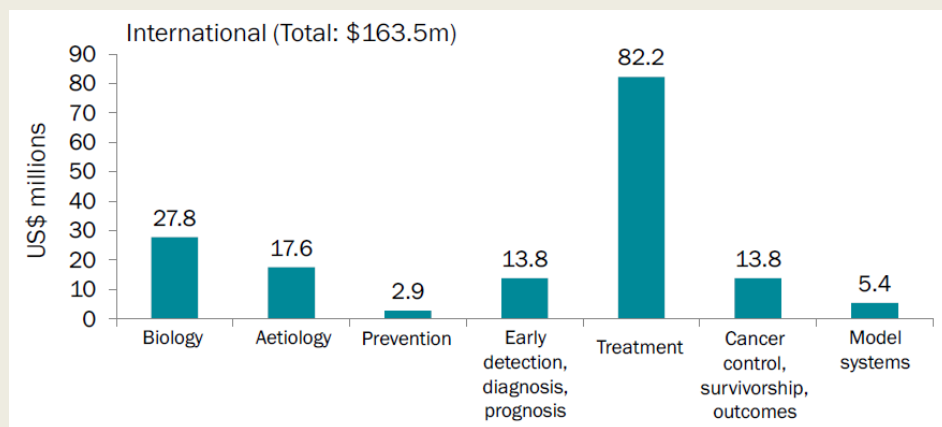
- Obesity & cancer
- Environmental influences
- Metastatic breast cancer
- Pancreatic cancer research landscape



Childhood cancer research in the ICRP database

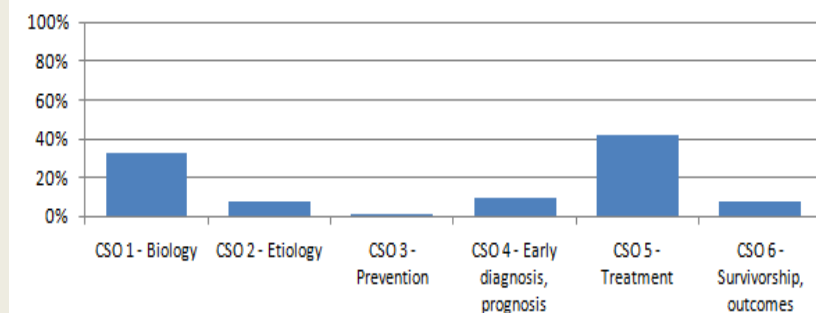
Analysis of 2008 ICRP data led by the UK's National Cancer Research Institute

- \$163.5 million (3.2%) had an identifiable association with children's cancer
- About 65% from funders in the USA, 20% from the UK, and the remainder from Canada, the Netherlands and France
- The CSO profile, below, revealed that the highest investment was in treatment research:



Similar to the profile of ALSF awards coded recently:

CSO profile of ALSF awards (# awards)



Further info at:

<http://www.ncri.org.uk/wp-content/uploads/2014/02/2014-NCRI-childrens-cancer-research-analysis.pdf>

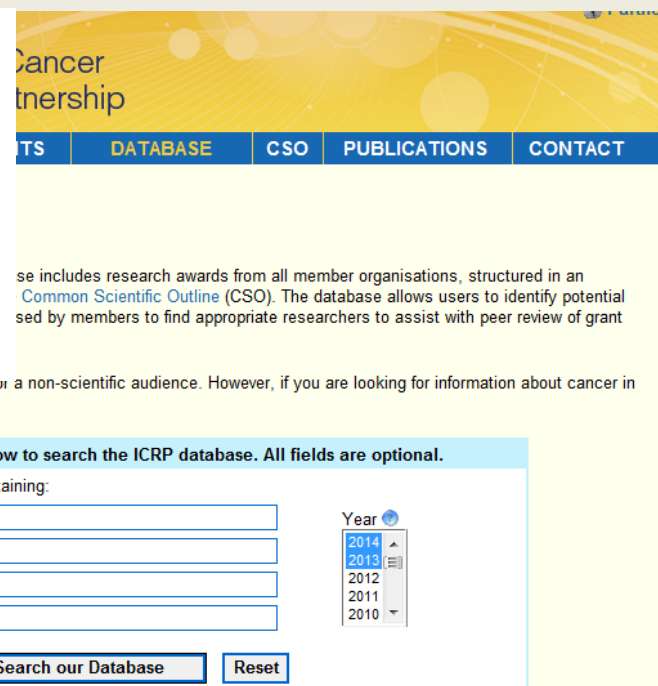
Childhood cancer research in the ICRP database

Identifying childhood cancer

- At present we do not have a childhood cancer 'tag' in the database, but this exists in a number of our participating organizations' datasets (UK, NIH project terms)
- We use keyword terms across the ICRP database to extract relevant awards:

Search terms:

- child* (includes children/childhood)
- girl* (includes girls)
- boy* (includes boys)
- infant* (includes infants/infantile)
- paediatric* (Includes paediatrics/paediatrician)
- pediatric* (includes pediatrics/pediatrician)
- youth
- young
- puberty
- adolescen* (includes adolescence/adolescent/adolescents)
- teen* (includes teenage/teenager/teenagers)
- neuroblast* (includes neuroblastoma)
- retino* (includes retinoblastoma)
- Wilm* (includes Wilms'/Wilms'/Wilm's).



Cancer Research Partnership

HOME DATABASE CSO PUBLICATIONS CONTACT

se includes research awards from all member organisations, structured in an Common Scientific Outline (CSO). The database allows users to identify potential sed by members to find appropriate researchers to assist with peer review of grant

ivariety, but not all, of the awards have a summary suitable for a non-scientific audience. However, if you are looking for information about cancer in general, please refer to our [Partners' websites](#).

Enter search criteria below to search the ICRP database. All fields are optional.




Search the database for awards containing:

all of these words:

this exact phrase:

any of these words:

none of these words:

Year 
 2014 
 2013 
 2012
 2011
 2010

Search our Database Reset

Database
development is
led by partner
interests

Going beyond data....

Participating organizations/agencies also:

- Meet annually to discuss implementation of CSO within their organizations and share portfolio analyses
- Share information on best practice in research management
- Share information on research evaluation and look for joint actions where possible in measuring the outputs of research

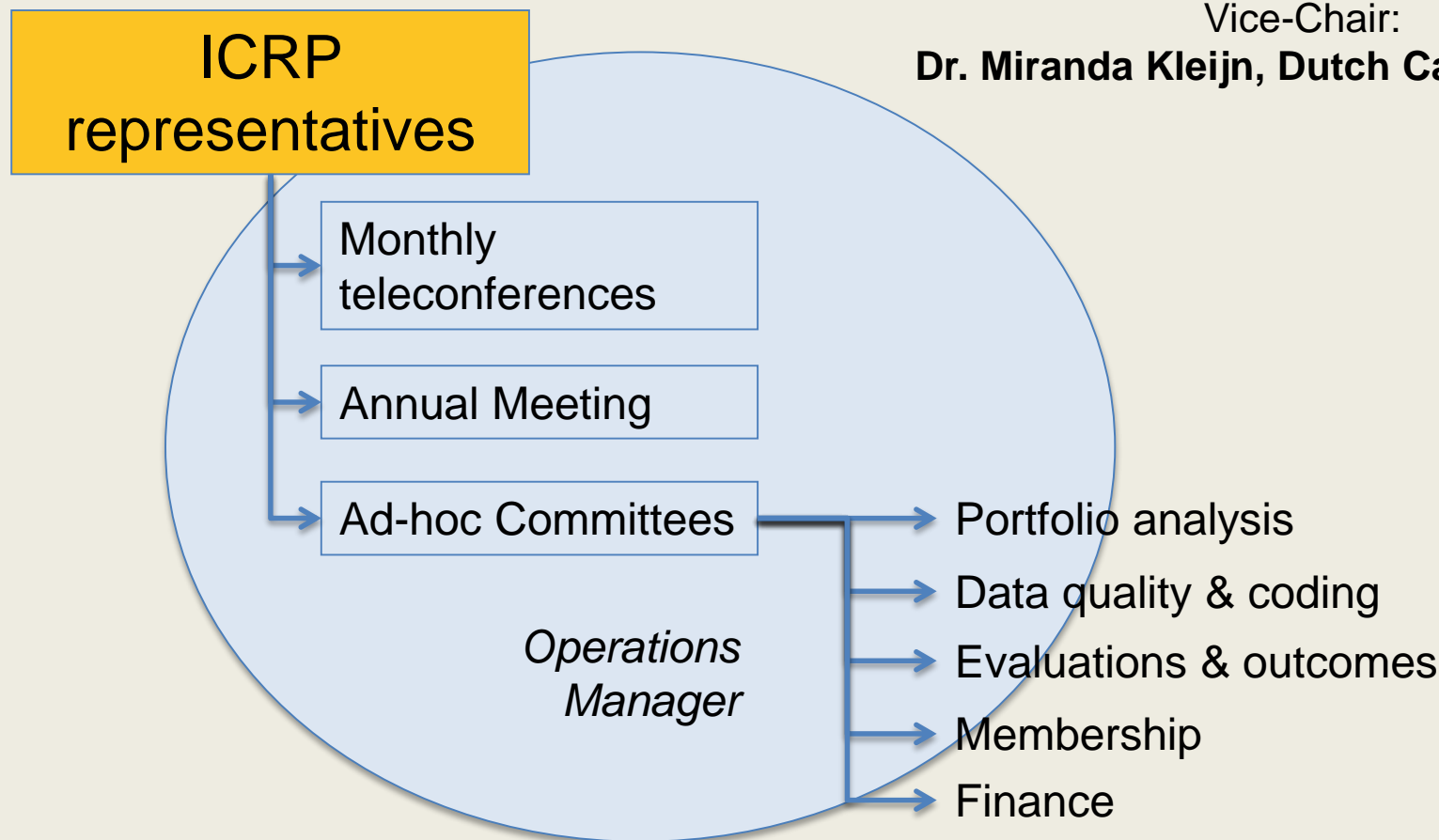
How we work

ICRP Chair 2013-2015:

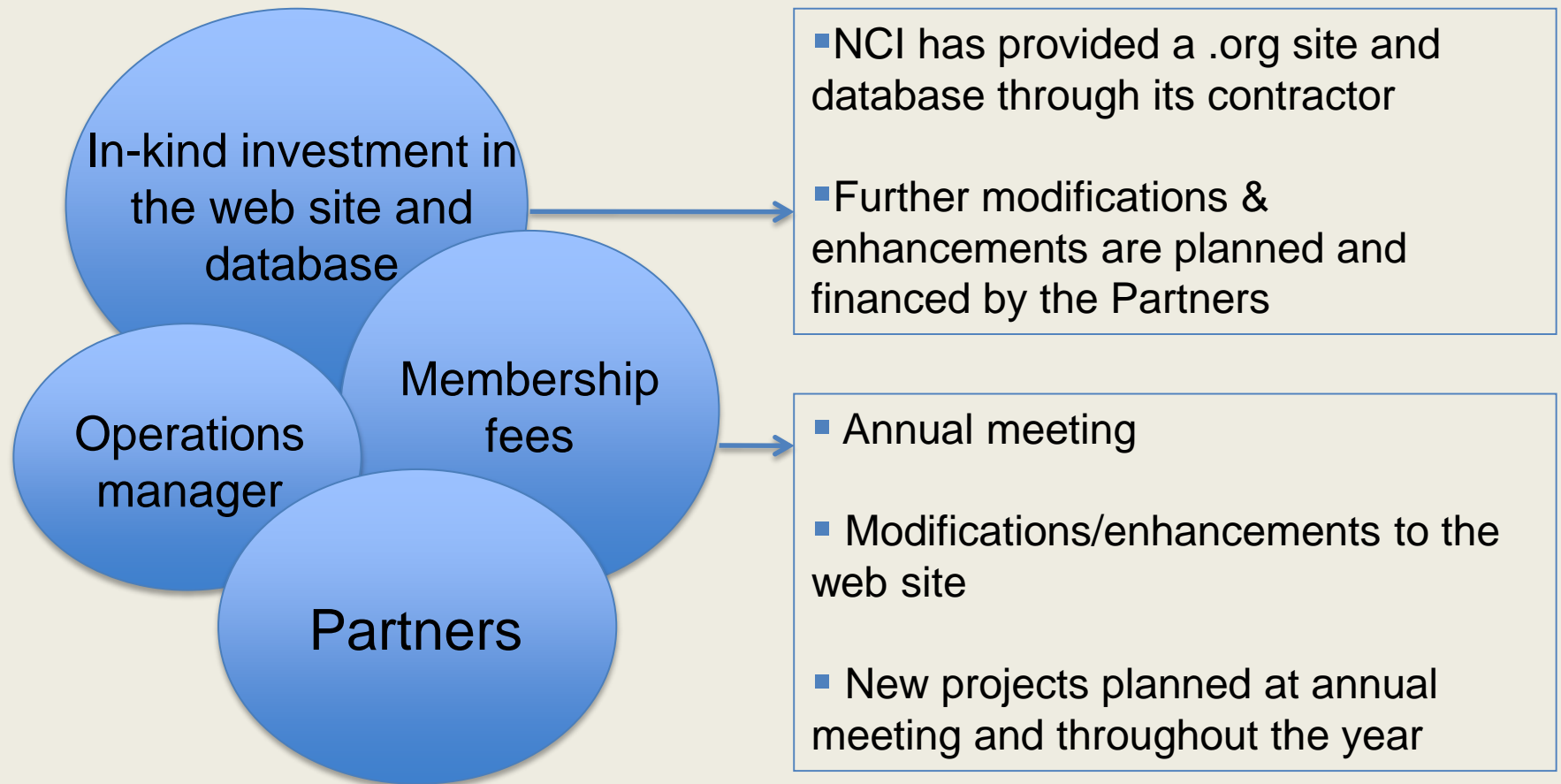
Dr. Marc Hurlbert, Avon Foundation

Vice-Chair:

Dr. Miranda Kleijn, Dutch Cancer Society



Infrastructure




ICRP's web site provides

- A public site to allow users to search for research awards using defined criteria and is a [valuable tool for researchers](#) to identify potential collaborators worldwide
- Partner-only analytical tools on the new web site to allow organizations to [conduct their own analyses of the international portfolio](#), giving our Partners an international perspective to help inform strategic planning
- [Online networking tools and document exchange](#) for our Partner organizations via a web site forum



International Cancer
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Partners are able to
access the restricted site
from the public site

 [Partner Login](#)

[HOME](#)

[PARTNERS](#)

[PARTNER BENEFITS](#)

[DATABASE](#)

[CSO](#)

[PUBLICATIONS](#)

[CONTACT](#)

Established in 2000, International Cancer Research Partnership (ICRP) is a unique alliance of cancer organizations working together to enhance global collaboration and strategic coordination of research. We aim to improve access to information about cancer research being conducted and enable cancer organizations to maximise the impact of their independent efforts, for the benefit of researchers and cancer patients worldwide.

- ICRP includes organizations from Canada, France, the Netherlands, United Kingdom, and the United States.
- ICRP organizations share funding information in a common format (known as the Common Scientific Outline or [CSO](#)) to facilitate pooling data and evaluating data across organizations.
- The ICRP [database](#) contains information on 59,775 grants, totalling some \$13,601,386,007 in cancer research from 80 [organizations](#).
- Researchers can search the ICRP to avoid duplication and identify collaborators.

If you fund cancer research anywhere in the world, you should be a member of ICRP.
[Learn more about becoming a member.](#)

News & Events

[2014 ICRP Annual Meeting](#)

The 2014 ICRP Annual Meeting will be held in mid-April 2014 in the Los Angeles area, USA after the AACR meeting.

[International Innovation](#)

ICRP was featured in the March 2013 issue of "International Innovation: Combating Cancer". [View Article](#)

[ICRP database: a resource for researchers and funders](#)

ICRP's database was highlighted recently as a resource for researchers and funding organizations looking to identify overlapping and complementary research areas. [View Article](#)

[First international co-operative analysis of cancer research funding](#)

The International Cancer Research Partnership (ICRP) has launched its first international analysis of cancer research, based on data from over 50 current member organizations about their individual projects and programs, each classified by type of cancer and type of research. [View Report](#)

Search the ICRP Database

The ICRP database includes research awards from all member organisations, structured in an internationally recognised classification system known as the [Common Scientific Outline \(CSO\)](#). The database allows users to identify potential collaborators and avoid duplication of effort. It is also used by members to find appropriate researchers to assist with peer review of grant applications and journal articles.

Enter search criteria below to search the ICRP database. All fields are optional.

Search the database for awards containing:

all of these words:

this exact phrase:

any of these words:

none of these words:

Search the Database

Institution Receiving Award

Institution Name: (Full or Partial)

Principal Investigator: (Last Name)

(First Name or Initial)

City

All Cities
ALBANY
ANN ARBOR
ATLANTA
AURORA
Aberdeen, Scotland
Adelaide

State/Territory

All States
Alabama
Alaska
Alberta
American Samoa
Arizona
Arkansas

Country

All Countries
Argentina
Australia
Austria
Belgium
Brazil
Canada

Comprehensive
search functionality

Users can search by
year, organization,
city, country, CSO,
cancer type,
keyword, project
type, PI Name....

Database Search Results

Search Criteria:

Funding Years: 2010, 2009

CSO Codes:

- 2.1 - Exogenous Factors in the Origin and Cause of Cancer
- 2.2 - Endogenous Factors in the Origin and Cause of Cancer
- 2.3 - Interactions of Genes and/or Genetic Polymorphism
- 2.4 - Resources and Infrastructure Related to Etiology

Data analyses
(including abstracts
& \$ spend) can be
exported to Excel or
emailed

Organization-
specific caveats are
included in the site

 [Email this search](#)

 [Export to Excel](#)

 [Chart Results](#)

Sort By:

Sort Order:

View Page: Page 1 of 26

[Update Display](#)

Your search returned **627** awards.

Currently Viewing Page **1** of 26

Title	Principal Investigator	Institution	City	State	Co.	Funding Org.	Award Code
Women's international study of long duration oestrogen after menopause (WISDOM)	Dunstan, D	St Bartholomew'S Hospital & Royal London School of Medicine & Dentistry	London, England		UK	DOH	DOH100
Elucidating And Modeling Irradiation Effects On Centrosomal And Chromosomal Stability Within Breast Cancer	Maxwell, Christopher	Lawrence Berkeley National Laboratory	Berkeley	CA	US	DOD, CDMRP	BC050612

Online, the results list can be sorted in ascending or descending order by any of the column headings. You can drill down to the detail on any award

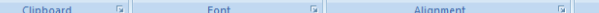
[View Project](#)

Individual risk assessment for prostate cancer using risk factors, tumour markers and new biomarkers

Principal Investigator:	Nam , Robert K
Institution:	Sunnybrook Health Sciences Centre
Location:	Toronto, ON CA
Award Code:	5271_1
Funding Organisation:	Canadian Institutes of Health Research
Award Funding Period:	7/1/2006 to 6/30/2011
Funding Mechanism:	CIHR New Investigator

Technical Abstract:

Prostate cancer (PC) is the most common cancer for men. Many men are being checked for PC using a blood test, called prostate specific antigen (PSA). When it is abnormal, men undergo a prostate biopsy. However, there is increasing evidence that PSA is inaccurate. We have worked extensively to identify new genes associated with PC and developed statistical methods to analyze the resulting data. A new method of searching for genes at once. From our past research, we hypothesized that certain genes might be associated with PC. We will use this new Gene Chip to examine the expression levels of these genes and determine if they are found to be associated with PC among select groups of patients. Our goal is to identify new genes for PC, which would enhance our understanding of the disease and help us develop better treatments. We will incorporate these genetic factors into our current models.



The screenshot shows the Microsoft Word ribbon with the following elements:

- Font tab:** Includes options for font face (Calibri), size (11), bold (B), italic (I), underline (U), bullet points, numbered list, decrease/increase indent, text color, background color, and wrap text.
- Paragraph tab:** Includes options for alignment (left, center, right, justified), bulleted list, numbered list, decrease/increase indent, merge & center, and line and paragraph spacing.
- Styles tab:** Includes options for styles, themes, and document templates.

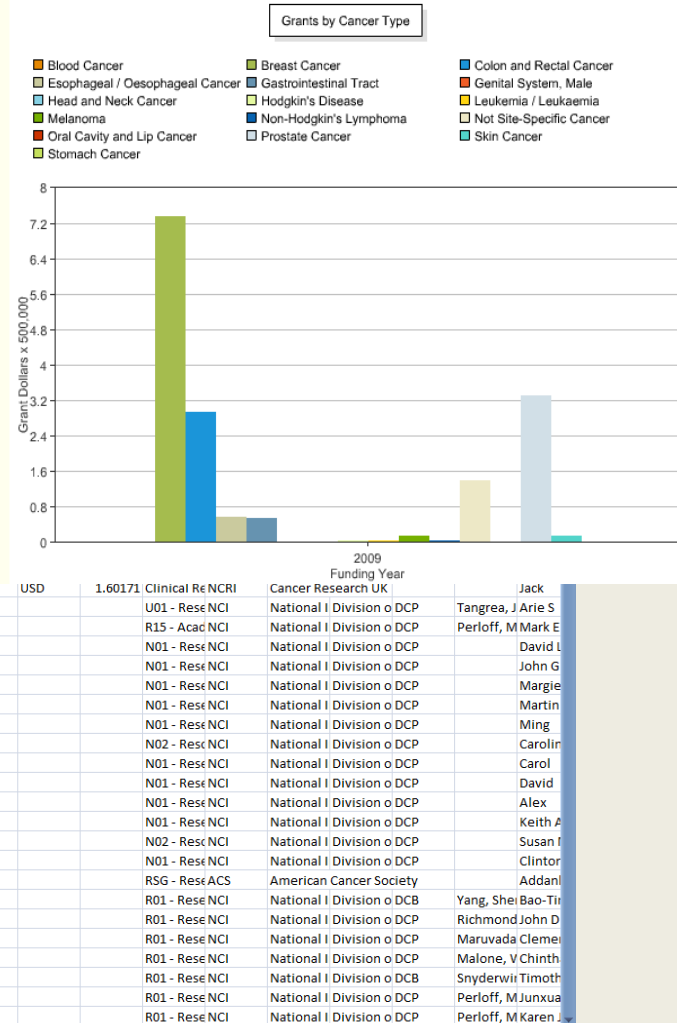
This code is awarded as follows:

Types of Cancer

- Prostate Cancer

Research Areas (CSO Codes)

- 2.2 Causes of Cancer/Etiology - Endo



Safeguarding data

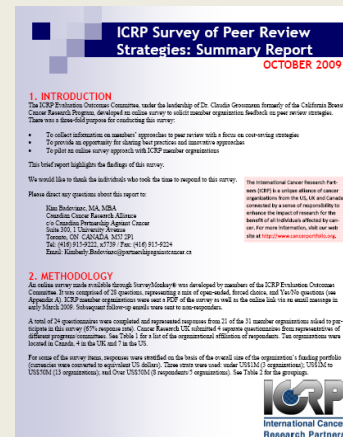
ICRP has put policies and procedures in place to safeguard organizations' data and to ensure that the data is used for the planned purpose. Key policies are that:

- Partners may use the data made available through the restricted view for internal purposes only.
- If Partners wish to publish any part of the data/reports on the restricted site, they must gain the approval of the Partnership first.
- Important caveats relating to Partners' data will be included on the site for reporting.
- New Partners cannot gain access to the international portfolio until they have contributed data and agreed to abide by the policies and procedures.

Summary: Databases...and beyond

ICRP offers a unique opportunity for cancer research funding agencies to share experiences and resources

- Portfolio analysis – via the online web database and as collaborative groups
e.g. Chemoprevention analysis, Sept. 2011, Environmental influences on cancer, 2012
- Evaluations, led by Partner interests
e.g. Evaluating career development awards
Survey of peer review strategies
Repository of evaluations
- Networking and sharing ideas
e.g. Monthly & adhoc teleconferences
Newsletters
Annual meeting
Partner exchanges



Next steps for ICRP

- New opportunities for joint analysis & evaluation.
- Expanding the dataset to cover a higher percentage of world cancer research funding
- Improving opportunities to share expertise
- Linking award data to research outcomes:
 - ICRP will include ORCID identifiers in the future
 - Linking awards to publications, tracking career pathways
 - Starting collaborations with bioinformaticians (data/text mining)
- Making coding easier and maintaining coding quality

Membership models

- Organizations can join individually, or in consortia
- Membership fees are tiered
- Tiers are determined by annual research portfolio expenditure

Tier	Research Investment Budget (U.S. Dollars) ¹	Annual Contribution (U.S. Dollars) ²
VI	\$250M or over	\$25,000
V	\$150M-\$249M	\$12,000
IV	\$25M-\$149M	\$8,000
III	\$10M-\$24M	\$5,000
II	\$5M-\$9M	\$2,000
I	Less than \$5M	\$500

Membership by consortium can be very cost-effective. For example, 5 organizations reporting annual research investment of \$1M each, would save \$500 by joining as a consortium

Other services:

- We offer CSO coding for the initial data upload
- Ongoing coding services can be offered also at low rates



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For further information,
or a membership pack,
please contact:

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lynne.davies@cancer.org.uk

www.icrpartnership.org

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