



National Institute of
Neurological Disorders
and Stroke



The Federal Pain Research Portfolio Database

Tara Schwetz, PhD

NINDS, Office of Pain Policy

February 4th, 2014



Why is a database being developed?

As specified in Section 4305(b) of the [Public Law 111-148](#) ["Affordable Care Act (ACA)"], the Interagency Pain Research Coordinating Committee has been asked to:

- Develop a summary of advances in pain care research supported or conducted by the Federal agencies relevant to the diagnosis, prevention, and treatment of pain and diseases and disorders associated with pain.
- Identify critical gaps in basic and clinical research on the symptoms and causes of pain.
- Make recommendations to ensure that the activities of the National Institutes of Health and other Federal agencies are free of unnecessary duplication of effort.
- Make recommendations on how best to disseminate information on pain care.
- Make recommendations on how to expand partnerships between public entities and private entities to expand collaborative, cross-cutting research.



How was it developed?

- Federal IPRCC members reviewed their agency's pain portfolio
- NIH staff and Federal IPRCC members analyzed all Federally funded pain research grants



How was it developed?

- Tier 1
 - Basic
 - Translational
 - Clinical
- Tier 2
 - 29 Pain-Relevant Topic Areas

How was it developed?

Pain Mechanisms

Neurobiological/Glial Mechanisms

Mechanisms of Transition Phases

Pharm and Non-Pharm Mechanisms & Treatments

Biobehavioral & Psychosocial Mechanisms

Pain & Trauma

Basic to Clinical

Development of Animal & Human Models
Analgesic Development
Device & Therapy Delivery
Systems Development

Disparities

Unique Populations
Substance Use & Abuse/Addiction
Women's & Minority Health Research
Sex & Gender Differences
Health Disparities & Access to Care

Training & Education

Training in Pain Research
Pain Education

Tools & Instruments

Outcomes & Health IT for Decision-Making
Diagnosis & Case Definitions
Informatics, Databases, & IT Development

Risk Factors & Causes

Genetics & Genomics
Pain Prevention
Other "Omics"

Surveillance & Human Trials

Comparative Effectiveness Research
Epidemiology
Analgesic Drug Safety

Overlapping Conditions

Pain & Non-Pain Comorbidities
Chronic Overlapping Conditions

Use of Services, Treatments, & Interventions

Medical Management
Health Care Utilization



How was it developed?

- Tier 1
 - Basic
 - Translational
 - Clinical
- Tier 2
 - 29 Pain-Relevant Topic Areas
- Pain Conditions
- Overarching Research Themes
 - Pain Mechanisms
 - Basic to Clinical
 - Disparities
 - Training & Education
 - Tools & Instruments
 - Risk Factors & Causes
 - Surveillance & Human Trials
 - Overlapping Conditions
 - Use of Services, Treatments, & Interventions



How was it developed?

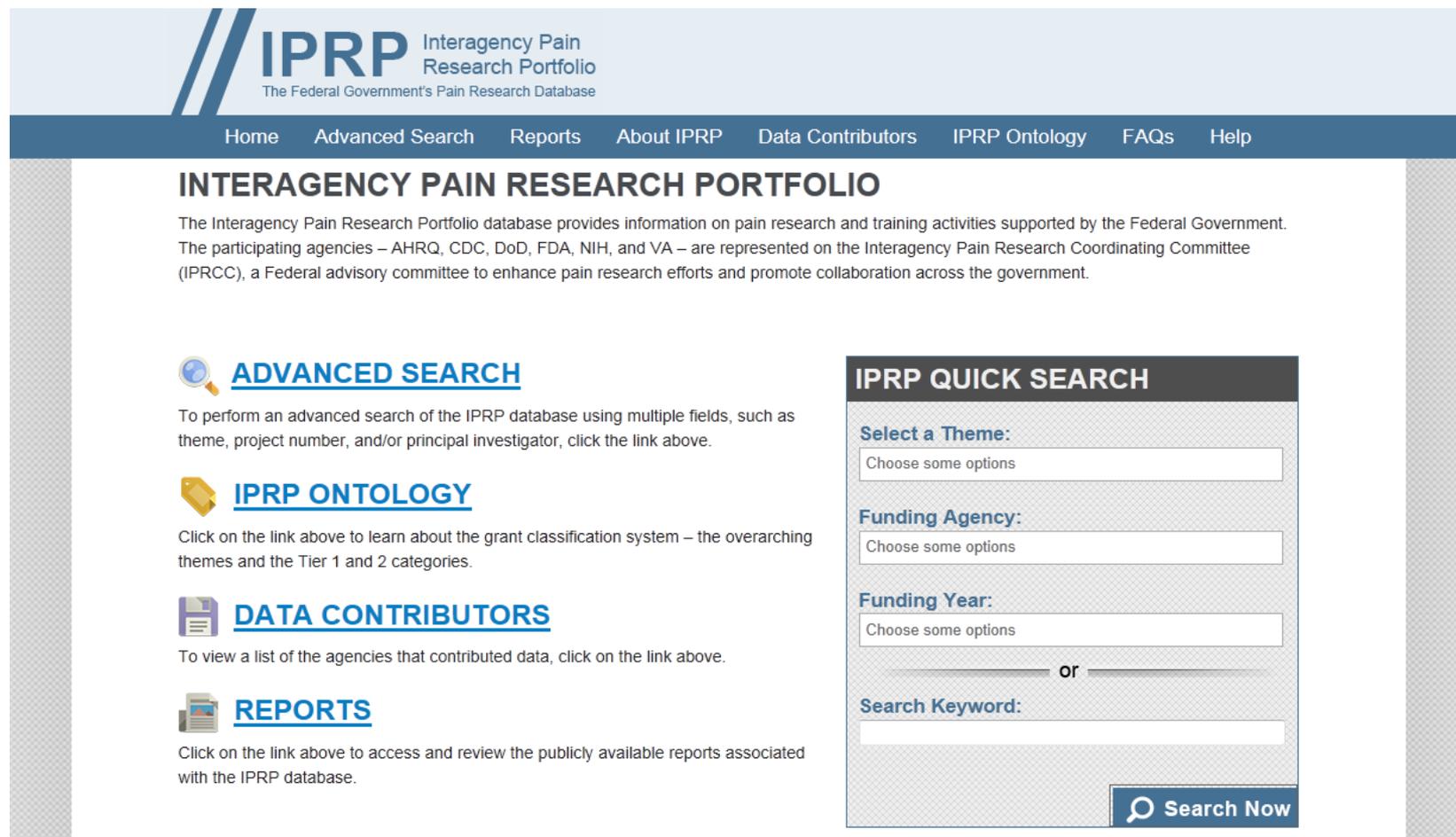
- Federal IPRCC members reviewed their agency's pain portfolio
- NIH staff and Federal IPRCC members analyzed all Federally funded pain research grants
- The Office of Pain Policy:
 - Produced a report based on the portfolio analysis



How was it developed?

- Federal IPRCC members reviewed their agency's pain portfolio
- NIH staff and Federal IPRCC members analyzed all Federally funded pain research grants
- The Office of Pain Policy:
 - Produced a report based on the portfolio analysis
 - Developed a database – The Interagency Pain Research Portfolio – with the National Library of Medicine

What's included on the site?



The screenshot shows the homepage of the Interagency Pain Research Portfolio (IPRP). The header includes the IPRP logo and the text "Interagency Pain Research Portfolio" and "The Federal Government's Pain Research Database". A navigation bar contains links for Home, Advanced Search, Reports, About IPRP, Data Contributors, IPRP Ontology, FAQs, and Help. The main content area features a large heading "INTERAGENCY PAIN RESEARCH PORTFOLIO" followed by a paragraph describing the database. Below this are four links with icons: "ADVANCED SEARCH" (magnifying glass), "IPRP ONTOLOGY" (tag), "DATA CONTRIBUTORS" (document), and "REPORTS" (document with image). To the right is a "IPRP QUICK SEARCH" form with fields for "Select a Theme:", "Funding Agency:", "Funding Year:", and "Search Keyword:", along with a "Search Now" button.

IPRP Interagency Pain Research Portfolio
The Federal Government's Pain Research Database

Home Advanced Search Reports About IPRP Data Contributors IPRP Ontology FAQs Help

INTERAGENCY PAIN RESEARCH PORTFOLIO

The Interagency Pain Research Portfolio database provides information on pain research and training activities supported by the Federal Government. The participating agencies – AHRQ, CDC, DoD, FDA, NIH, and VA – are represented on the Interagency Pain Research Coordinating Committee (IPRCC), a Federal advisory committee to enhance pain research efforts and promote collaboration across the government.

 [ADVANCED SEARCH](#)

To perform an advanced search of the IPRP database using multiple fields, such as theme, project number, and/or principal investigator, click the link above.

 [IPRP ONTOLOGY](#)

Click on the link above to learn about the grant classification system – the overarching themes and the Tier 1 and 2 categories.

 [DATA CONTRIBUTORS](#)

To view a list of the agencies that contributed data, click on the link above.

 [REPORTS](#)

Click on the link above to access and review the publicly available reports associated with the IPRP database.

IPRP QUICK SEARCH

Select a Theme:

Funding Agency:

Funding Year:

_____ or _____

Search Keyword:

 **Search Now**



What will be searchable?

- Research Type
- Grouped Pain Conditions
- Themes
- Keywords/Text Search
- Fiscal Year
- Project number
- Agency
- PI
- Institution

The screenshot shows an 'ADVANCED SEARCH' interface with a grid of search criteria. Each criterion has a label and a corresponding input field. The criteria are: Research Type, Pain Conditions, Fulltext search, Fiscal Year, Project Number, Themes, Agency, Principal Investigator, and Institution. A 'Search Now' button is located at the bottom right of the form.

Search Criteria	Input Field
Research Type	Choose some options
Pain Conditions	Choose some options
Fulltext search	[Empty text box]
Fiscal Year	Choose some options
Project Number	[Empty text box]
Themes	Choose some options
Agency	Choose some options
Principal Investigator	[Empty text box]
Institution	[Empty text box]

Search Now



Questions?