Common Alzheimer’s Disease Research Ontology - CADRO

- Category A. Molecular Alzheimer's Disease
- Category B. Diagnosis,
- Category C. Transla
- Category D. Epidemiology
- Category E. Care, Support Alzheimer's Diseases
- Category F. Researc
- Category G. Consortia
CADRO – Common Alzheimer’s Disease Research Ontology

INTERNATIONAL ALZHEIMER’S DISEASE RESEARCH PORTFOLIO

The International Alzheimer’s Disease Research Portfolio (IADRP) database brings together funded research supported by public and private organizations both in the US and abroad all categorized using the Common Alzheimer’s Disease Research Ontology or CADRO. Launched in 2010 as a joint collaboration between the National Institute on Aging (NIH) and the Alzheimer’s Association, IADRP enables users the ability to assess the portfolios of major organizations (currently 25) for areas of overlap as well as areas of opportunities in which to collaborate and coordinate in a collective effort to advance AD research.

RESEARCH HIGHLIGHTS - NEW FUNDING ANNOUNCEMENTS

- NIH – Alzheimer’s Disease Pilot Clinical Trials (R01) PAR
- Alzheimer’s Association – Biomarkers Across Neurodegenerative Diseases RFA
- Alzheimer’s Research UK – Project Grants and Fellowships
- Alzheimer’s Australia – Student and Early Career Investigators
- Alzheimer’s Society of Canada – Young Investigator Awards

HOW TO JOIN IADRP

The IADRP Project Team is currently seeking participation from public, private and international biomedical and public health organizations who fund Alzheimer’s disease (AD) research. To find out more information about how your organization can contribute and help shape this effort, please contact Charlene Liggins (ligginsc@mail.nih.gov), Nina Silverberg (silverbergn@mail.nih.gov), or Heather Snyder (hsnyder@alz.org). [See IADRP’s Data Submission Process]
Alzheimer’s Disease – Research Recommendations

• Held Alzheimer’s Disease Research Summit
  50 Recommendations

• Recommendations linked to ontology and database

<table>
<thead>
<tr>
<th>RECOMMENDATION</th>
<th>CADRO CODE</th>
<th>FUNDED PROJECTS</th>
<th>PROGRESS</th>
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<tr>
<td>1. Integrate epidemiological studies with mechanistic research to explore underlying pathways by which risk and protective factors contribute to the disease process.</td>
<td>Category A. Molecular Pathogenesis and Physiology of Alzheimer’s Disease, Category D. Epidemiology</td>
<td>Project List - Molecular Pathogenesis and Physiology of AD, Project List - Epidemiology</td>
<td>RFA AG-13-013</td>
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Interagency Autism Research Coordinating Committee – Strategic Plan

- **Diagnosis** related question: *When Should I Be Concerned?*

- **Biology** related question: *How Can I Understand What is Happening?*

- **Causes** related question: *What Caused This to Happen and Can It Be Prevented?*

- **Treatments** related question: *Which Treatments and Interventions Will Help?*

- **Services** related question: *Where Can I Turn for Services?*

- **Lifespan** related question: *What Does the Future Hold, Particularly for Adults?*

- **Infrastructure** related question: *What Other Infrastructure and Surveillance Needs Must be Met?*
## Interagency Autism Research Coordinating Committee – Portfolio Analysis Tool

### IACC/OARC Autism Spectrum Disorder Research Portfolio Analysis Web Tool

The IACC/OARC Autism Spectrum Disorder Research Portfolio Analysis Web Tool is an online companion database to the 2008, 2009, and 2010 Autism Spectrum Disorder Research Portfolio Analysis Reports. The Portfolio Analyses are produced on behalf of the Interagency Autism Coordinating Committee (IACC) to better inform the IACC and interested stakeholders about the funding landscape and current directions for ASD research. The IACC Portfolio Analysis Report is [linked here](#).

### Search 2010 projects:

**Search AND OR NOT may be used**

- **Submit**
- **Clear**

### Browse by:

- Funder
- Strategic Plan Question
- New Strategic Plan Question Cumulative Funding
- Strategic Plan Objective
- Subcategory

### 1,387 projects found

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<tr>
<th>Export</th>
<th>Funder</th>
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<th>Project Title</th>
<th>Funding</th>
<th>Strategic Plan Question</th>
<th>Subcategory</th>
<th>Strategic Plan Objective</th>
<th>Objective Status Code</th>
<th>Institution</th>
<th>Status/Country</th>
<th>Project Status</th>
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<td>Roark, Brian</td>
<td>Automated measurement of brain substrates in autism</td>
<td>$9,000</td>
<td>Question 1: Diagnosis</td>
<td>Intermediate Phenotypes/Subgroups</td>
<td>G1.S.S</td>
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<td>Private</td>
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<td>Biomarkers and diagnostics for ASD</td>
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<td>Early Signs and Biomarkers</td>
<td>G1.S.S</td>
<td>No</td>
<td>Private</td>
<td>Institute of Biotechnology</td>
<td>United Kingdom</td>
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<td>Center for Autism and Related Disorders</td>
<td>Cele, Danli</td>
<td>Psychometric evaluation of the autism symptoms diagnostic scale</td>
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<td>Diagnostic and Screening Tools</td>
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<td>New</td>
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- **Charge**: Identify critical gaps in basic and clinical research; Make recommendations... to expand collaborative, cross-cutting research

- **Portfolio Analysis & Online Database**

- **IPRP Ontology**

- **Tier 1 (Basic, Translational, Clinical)**

- **Research Themes**

- **Tier 2 (Scientific Topics)**

- **Pain Conditions**
Interagency Pain Research Portfolio – Tier 2 Categories

- Analgesic Development
- Analgesic Drug Safety
- Behavioral & Psychosocial Mechanisms & Treatment Approaches
- Chronic Overlapping Conditions
- Comparative Effectiveness Research
- Development of Animal & Human Models
- Device & Therapy Delivery Systems Development
- Diagnosis & Case Definitions
- Epidemiology
- Genetics & Genomics
- Health Care Access, Utilization & Quality
- Mechanisms of Transition Phases
- Minority Health Research
- Neurobiological/Glial Mechanisms
- Non-Pharmacological Mechanisms & Treatments
- Other “Omics”
- Pain Education
- Pain & Non-Pain Comorbidities
- Pain & Substance Abuse/Addiction
- Pain from Trauma
- Pain Management Approaches
- Pain Prevention
- Pharmacological Mechanisms & Treatments
- Sex & Gender Differences
- Tools & Informatics for Population Research
- Unique Populations
- Women’s Health
Interagency Pain Research Portfolio – Cross-cutting, Overarching Themes

**Basic to Clinical**
- Analgesic Development
- Development of Animal and Human Pain Models
- Device and Therapy Delivery Systems Development

**Pain Mechanisms**
- Behavioral & Psychosocial Mech’s & Treatment
- Mech’s of Transition phases
- Neurobiological/Gliarial Mech’s
- Non-Pharm Mech’s & Treatment
- Pain from Trauma
- Pharm Mech’s & Treatment

**Risk Factors/Causes**
- Genetics & Genomics
- Other “omics” of pain
- Pain prevention

**Tools/Instruments**
- Diagnosis & Case Definitions
- Tools and Informatics for Population Research

**Surveillance & Human Trials**
- Analgesic Drug Safety
- Comparative Effectiveness Research
- Epidemiology

**Use of Services, Treatments & Interventions**
- Health Care Access, Utilization and Quality
- Pain Management Approaches

**Disparities**
- Minority Health Research
- Pain and Substance abuse/addiction
- Sex and Gender differences
- Unique Populations
- Women’s Health

**Overlapping Conditions**
- Chronic Overlapping Conditions
- Pain and non-pain comorbidities

**Training & Education**
- Pain Education
  *Training grants tagged