## Table 26: Database Collaborations - FY 2009 = 19 NIH Funding = $4,206,019

| Collaboration Title and Link | Collaboration Type with Various Additional Links | Brief Description of Collaboration | HHS Participating Agencies | HHS Strategic Priority Alignment | NIH Participating Institutes/Centers/ Office of the Director *(Activity Submitting Office(s) Bolded)* | NIH Strategic Priority Alignment | Year Collaboration Originated | NIH Funding Contribution in FY 2009 |
|---|---|---|---|---|---|---|---|---|
| caNanoLab | Database | caNanoLab is a data sharing portal designed to facilitate information sharing in the biomedical nanotechnology research community to expedite and validate the use of nanotechnology in biomedicine. caNanoLab provides support for the annotation of nanomaterials with characterizations resulting from physico-chemical and in vitro assays and the sharing of these characterizations and associated nanotechnology protocols in a secure fashion. | FDA | Accelerate Discovery to Improve Patient Care: Innovative biomedical technologies and Translate basic science into new therapies. | **NCI**/NIBIB/NIEHS | Health Care Reform: Patient Safety. Translational Research. Regulatory Science. | 2007 | 150,000 |
| Data Quality Reviews of ARRA s 1512 Recipient Reports | Database | Participate in review of the quarterly reports submitted to federalreporting.gov in compliance with s.1512 of the American Recovery and Reinvestment Act of 2009. | ACF/AoA/AHRQ/ CDC/CMS/HRSA/ OS | Accelerate Discovery to Improve Patient Care: Specific priorities not reported. | **OD** | Empowering Biomedical Research Community: Global Health/Health Care Reform: High-throughput Technology and Translational Research. | 2009 | 0 |
| Dietary Supplements Ingredient Database (DSID) | Database | The database provides statistical estimates—based on chemical analysis—of the nutrient content of selected ingredients in dietary supplements, compared with label-reported ingredient levels. Currently the DSID provides estimated levels of 18 vitamin and mineral ingredients derived from analytical data for 115 representative unspecified adult multivitamin/multimineral supplements (MVMs). Additional dietary supplement ingredients will be included in future releases of the database. | CDC/FDA | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public. | NCI/**OD** | Health Care Reform: Health Information Technology. Regulatory Science. | 2002 | 1,200,000 |
| Imaging Database Resource Initiative (IDRI) | Database | Public resource of CT and X-ray images of the lung for the purpose of testing methods for detection and classification of lung cancer. The resource is an extension of the LIDC database supported by the FNIH. | FDA | Accelerate Discovery to Improve Patient Care: Innovative Biomedical Technologies and Patient-centered Research. | **NCI**/NIBIB | Translational Research. Regulatory Science. | 2004 | 0 |
| Janus | Database | Janus is a study data repository component of a common, standards-based infrastructure that is being jointly developed by the FDA and the NCI to support the exchange of clinical research data. This collaborative effort between FDA and NCI has been ongoing, and we are now entering Phase 3. FDA and NCI will explore and evaluate uploading of standard data and their required transport layers into the Janus architecture. FDA intends to store all standardized clinical study data submissions in the NCI Janus data warehouse as part of this phase of Janus development. | FDA | Accelerate Discovery to Improve Patient Care: Innovative Biomedical Technologies. | **NCI** | Health Care Reform: Health Information Technology. | 2005 | 500,000 |
| Logical Observation Identifiers Names and Codes (LOINC) | Database | This activity supports the maintenance, distribution, and continued development of LOINC®, a set of universal codes and names to identify laboratory and other clinical observations which facilitates the exchange and pooling of clinical results for clinical care, outcomes management, and research. The Regenstrief Institute, Inc., an internationally renowned healthcare and informatics research organization, maintains the LOINC database and supporting documentation, and the RELMA mapping program. | AHRQ/CDC/ CMS/HRSA/ IHS/OS | Global Health: Strategic Initiative. Health Care Quality/Patient Safety. | **NLM** | Empowering Biomedical Research Community: Global Health. Health Care Reform: Health Information Technology and Patient Safety. | 2003 | 623,000 |
| Lung Image Database Consortium (LIDC) | Database | Public database of CT images of the lung designed to evaluate software methods for detection and classification of cancer. | FDA | Accelerate Discovery to Improve Patient Care: Innovative Biomedical Technologies and Patient-centered Research. | **NCI** | Translational Research. Regulatory Science. | 2000 | 0 |

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| National Food and Nutrient Analysis Program (NFNAP) | Database | Provides basic information about the nutrient content of highly consumed foods and supplements in the U.S. | CDC/FDA | Nutrition/Obesity. | **NCI**/NEI/NHLBI/NIA/ **NICHD**/NIDDK/OD | Health Care Reform: Behavioral Science and Health Disparities. | 2005 | 440,000 |
| National Institutes on Deafness and Other Communication Disorders (NIDCD) Resources Directory | Database | The NIDCD Resources Directory is designed to encourage networking among individuals and organizations with an interest in the diseases and disorders of human communication. The directory is maintained in an online database as well as published biannually in booklet form. The NIDCD pays to maintain and publish the directory, however several HHS agencies are featured in it. | AHRQ/CDC/CMS | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public. | **NIDCD** | NONE | Unknown | 0 |
| National Longitudinal Mortality Study | Database | A national, longitudinal, mortality study to study the effects of differentials in demographic and socio-economic characteristics on mortality. | CDC | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public. | NCI/NHLBI/**NIA** | Health Care Reform: Behavioral Science. | 1996 | 425,019 |
| Photography and Image Processing of Prescription Solid Dosage Form Medications and Hosting of a Database of Substances in Medicinal Products | Database | This project aims to create and expand a database interface to provide public access to FDA unique ingredient identifiers (UNIIs) in medicinal products and substances. The interface allows exchange between government and industry for phases of clinical developments. As part of the project, NLM will assist in conducting a comprehensive scientific literature review, developing a compilation of results in a searchable table format and preparing a written summary and interpretation of results. | FDA | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public and Innovative Biomedical Technologies. | **NLM** | Health Care Reform: Health Information Technology. | 2009 | 0 |
| Pillbox - creation of digital images of solid dosage form medications | Database | Pillbox is a collaboration between NLM and FDA to enhance patient safety through the linking of digital images of prescription solid dosage form medications to the Structured Product Labeling (SPL) files and the substance information of those pharmaceuticals. NLM will use these images to create a resource for identification of pharmaceuticals through a search system. Work is ongoing to create digital images and develop imaging standards. | FDA | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public. Health Care Quality/Patient Safety. | **NLM** | Health Care Reform: Patient Safety. | 2009 | 0 |
| Quality Review of ClinicalTrials.gov | Database | ClinicalTrials.gov is an NLM-operated database of summary protocol and results information from publicly and privately funded clinical research. As of October 2010, the database included over 96,000 studies conducted in 174 countries with over 2,300 summary results. NLM is collaborating with FDA and other parts of NIH to implement the statutory requirements of the Food and Drug Administration Amendments Act of 2007 and working together on a project with CTTI (Clinical Trials Transformation Initiative) to create a ClinicalTrials.gov Analysis Data Set. NLM and AHRQ are collaborating on conducting quality reviews (e.g., evaluate for internal consistency, meaningful entries, formatting) of summary results information. | AHRQ/FDA | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public. | CC/NCCAM/NCI/ NCRR/NEI/ NHGRI/NHLBI/ NIA/NIAAA/ NIAID/NIAMS/ NIBIB/NICHD/ NIDA/NIDCD/ NIDCR/NIDDK/ NIEHS/NIGMS/ NIMH/NIMHD/ NINDS/NINR/**NLM**/OD | Empowering Biomedical Research Community: Peer Review. Health Care Reform: Comparative Effectiveness Research. Translational Research. | 2000 | 363,000 |
| Reference Image Database to Evaluate Response to Therapy (RIDER) | Database | Public Resource that is web accessible that contains longitudinal and repeat phantom and patient images for a range of imaging modalities and organ systems. The purpose is to test software tools for the measurement of response to therapy. | FDA | Accelerate Discovery to Improve Patient Care: Innovative Biomedical Technologies. Patient-centered Research. | **NCI**/NIBIB | Translational Research. Regulatory Science. | 2004 | 0 |

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| Research-Tested Intervention Program Database (RTIPs) | Database | RTIPs is a searchable database of cancer control interventions and program materials and is designed to provide program planners and public health practitioners easy and immediate access to research-tested materials. | SAMHSA | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public. Nutrition/Obesity. Social/Behavior Research. Tobacco Prevention and/or Control. | **NCI** | Health Care Reform: Behavioral Science. | 2003 | 240,000 |
| State Cancer Profiles | Database | The objective of the State Cancer Profiles Web site is to provide a system to characterize the cancer burden in a standardized manner in order to motivate action, integrate surveillance into cancer control planning, characterize areas and demographic groups, and expose health disparities. The focus is on cancer sites for which there are evidence-based control interventions. Interactive graphics and maps provide visual support for deciding where to focus cancer control efforts. | CDC | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public. | **NCI** | Health Care Reform: Health Disparities. | 2004 | 100,000 |
| The Cardiovascular Health Study | Database | Participant data from the NHLBI Cardiovascular Health Study is being linked to Medicare data to allow researchers to investigate the utilization and costs of medical services within the Medicare Program. | CMS | Accelerate Discovery to Improve Patient Care: Patient-centered Research. | **NHLBI** | Health Care Reform: Health Research Economics. | 1998 | 0 |
| The CDC Dental, Oral, and Craniofacial Data Resource Center (DRC) | Database | Publicly accessible database, query system, and survey catalog for population-based oral health surveys | CDC | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public. Social/Behavior Research. Tobacco Prevention and/or Control. | **NIDCR** | Health Care Reform: Comparative Effectiveness Research and Health Disparities. | 2008 | 165,000 |
| Trends in Health and Aging | Database | A data archive of trend tables with health indicators displayed over time and by age, sex, and race/ethnicity. A Web-based tool developed and maintained by the National Center for Health Statistics, attempts to connect consumers of information on health and aging with suppliers of such data by providing user-friendly access to up-to-date information on the health and well-being of older Americans. | CDC | Accelerate Discovery to Improve Patient Care: Disseminate health information to the public. | **NIA** | Health Care Reform: Health Information Technology. | 1994 | 0 |