### Education

<table>
<thead>
<tr>
<th>PI</th>
<th>Title</th>
<th>Sponsor</th>
<th>Start - End</th>
<th>Direct Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beyea, Suzanne</td>
<td>Nurse Education, Practice and Retention: Internship and Residency Programs</td>
<td>HRSA</td>
<td>07/04 - 06/07</td>
<td>$182,630</td>
</tr>
<tr>
<td>Eubank, Daniel</td>
<td>Faculty Development in Primary Care</td>
<td>HRSA</td>
<td>07/03 - 06/06</td>
<td>$146,867</td>
</tr>
<tr>
<td>Orgren, Rosemary</td>
<td>Model State-Supported AHEC Program</td>
<td>HRSA</td>
<td>09/04 - 08/07</td>
<td>$173,086</td>
</tr>
<tr>
<td>Pipas, Catherine</td>
<td>Predoctoral Training in Primary Care</td>
<td>HRSA</td>
<td>07/03 - 06/06</td>
<td>$134,706</td>
</tr>
<tr>
<td>Schifferdecker, Karen</td>
<td>Creating Practice Systems to Deliver Online Resources</td>
<td>NLM</td>
<td>12/03 - 11/06</td>
<td>$142,022</td>
</tr>
<tr>
<td>Weinstein, James</td>
<td>Orthopedic Resident Clinician/Researcher Program (NRSA)</td>
<td>NIH/NIAMS</td>
<td>05/03 - 04/08</td>
<td>$149,759</td>
</tr>
<tr>
<td>Wennberg, John</td>
<td>Pre-Post Doctoral Training in Evaluative Clinical Sciences (with CECS)</td>
<td>AHCPR</td>
<td>09/94 - 06/08</td>
<td>$271,864</td>
</tr>
<tr>
<td>Zubkoff, Michael</td>
<td>Academic Administrative Units in Primary Care</td>
<td>HRSA</td>
<td>09/04 - 08/07</td>
<td>$262,315</td>
</tr>
</tbody>
</table>

**Program Description:**

- To improve retention of nurses in rural Northern New England through enhanced nursing education and practice.
- To establish a new community-based faculty development program designed to enhance core competencies in clinical care and teaching among community-based preceptors, especially those in rural/undeserved areas.
- To promote ongoing improvement of the quality and accessibility of health care services for underserved and vulnerable populations in the State.
- To establish a comprehensive center of excellence in primary care medical education.
- To develop self-sustaining practice-based systems that will improve access to and delivery of online health information to patients and health care providers in rural and underserved regions in New Hampshire.
- To support the training of orthopedic clinician/researchers who will be able to assume leadership positions to initial health care improvement.
- A graduate training program providing a rigorous preparation in the disciplines and methods needed to carry out outcomes and effectiveness of health care research.
- To develop clinical faculty competent in the improvement of primary care and medical student, resident, and fellowship teaching in primary care. This initiative will focus on the learning and teaching of leadership theory, change management, and evaluation of clinical systems.

**Subtotal for Education: $1,463,249**
<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Title</th>
<th>Start</th>
<th>End</th>
<th>Direct Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Evaluative Clinical Sciences</strong> (joint with the CECS, Medicine &amp; Pediatrics)</td>
<td>Development of a VA National Quality Scholars Program</td>
<td>07/98</td>
<td>06/05</td>
<td>$286,369</td>
</tr>
<tr>
<td>VA</td>
<td>... To develop and implement a national scholars program for VA fellows</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bott, David</td>
<td>New Hampshire Access to Primary Care Indicator Project</td>
<td>10/02</td>
<td>12/04</td>
<td>$78,660</td>
</tr>
<tr>
<td>Endowment</td>
<td>... The major goal of this project is to collaboratively develop and analyze a series of economic, socio-cultural and geographic indicators for access barriers to primary care services within Primary Care Service Areas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bott, David</td>
<td>New Hampshire Nursing Workforce Web-Based Survey</td>
<td>12/03</td>
<td>11/04</td>
<td>$7,978</td>
</tr>
<tr>
<td>Endowment</td>
<td>... The major goals of this project are to develop and implement, in collaboration with the NH Nursing Board, a web-based survey of the NH nursing workforce, to analyze the responses, to disseminate the results and to develop a sustainability plan to continue the longitudinal collection of this data utilizing this survey.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bynum, Julie</td>
<td>Cognitive Impairment in the Elderly</td>
<td>07/04</td>
<td>06/06</td>
<td>$65,000</td>
</tr>
<tr>
<td>Pfizer</td>
<td>... The major goal of this project is to develop claims-based methodologies that will identify a well-defined national cohort of cognitively impaired or dementia patients. These cohorts will be used for subsequent studies of health outcomes.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fisher, Elliott</td>
<td>Vermont Data Analysis Project</td>
<td>07/00</td>
<td>03/06</td>
<td>$14,815</td>
</tr>
<tr>
<td>State of VT</td>
<td>... The major goals of this project are the construction and analysis of the Medicare Claims Data Bases and related analyses of claims data</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fisher, Elliott</td>
<td>VA Outcomes/NY CABG Contract</td>
<td>07/02</td>
<td>06/05</td>
<td>$111,469</td>
</tr>
<tr>
<td>VA</td>
<td>... The major goals of this contract are to provide recruiter and mentor services for the VA Outcomes Group fellows and to provide co-investigator services for work examining the rate of CABG utilization in NY veterans.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fisher, Elliott</td>
<td>Dartmouth Atlas Disparities Database</td>
<td>08/04</td>
<td>07/07</td>
<td>$194,221</td>
</tr>
<tr>
<td>RWJF</td>
<td>... To expand on current Dartmouth Atlas Project by making available national and local data on racial disparities in the utilization and outcomes of health care services. In addition, the project will carry out policy-relevant analyses of racial disparities in health care</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fisher, Elliott</td>
<td>Rural Health Initiative</td>
<td>09/04</td>
<td>09/06</td>
<td>$35,247</td>
</tr>
<tr>
<td>VA</td>
<td>... To provide research, technical and consultant support services for rural health care</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponsor</td>
<td>PI Name</td>
<td>Title</td>
<td>Start</td>
<td>End</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>Rockefeller Ctr.</td>
<td>Flood, Ann Barry</td>
<td>Addressing Ethnic and Gender Disparities in Knee Arthroplasty</td>
<td>07/04</td>
<td>06/05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>... The major goal of this project is to examine the sources of any gender- and ethnic-related differences in preferences for treatment options for osteoarthritis of the knees.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRSA</td>
<td>Goodman, David</td>
<td>Primary Care Service Area Enhancements and Studies</td>
<td>10/99</td>
<td>09/07</td>
</tr>
<tr>
<td></td>
<td></td>
<td>... To develop and evaluate primary care service areas for the nation based upon Medicare physician utilization.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRSA</td>
<td>Goodman, David</td>
<td>Development of Travel Time Data</td>
<td>09/04</td>
<td>11/04</td>
</tr>
<tr>
<td></td>
<td></td>
<td>... To determine the travel distance and population areas associated with the hospitals identified affecting or bordering frontier areas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDC/AAMC</td>
<td>Goodman, David</td>
<td>Impact of Family Planning Services Availability</td>
<td>10/02</td>
<td>09/05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>... To determine whether the risk of teen births and unintended births is associated with (1) the geographic availability of family planning services; (2) structural factors that encourage utilization; and (3) cultural concordance between patients and service providers.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Doris Duke Fnd</td>
<td>Jenkins, Pamela</td>
<td>Health Outcomes in Hypoplastic Left Heart Syndrome</td>
<td>07/00</td>
<td>06/05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>... The major goals of this project are to better understand which pre-operative and operative characteristics are predictors of one-year and long-term survival, to assess the functional outcomes of children with HLHS and to compare transplantation and staged surgery in terms of functional outcomes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AHRQ</td>
<td>Jenkins, Pamela</td>
<td>Health Outcomes in Hypoplastic Left Heart Syndrome</td>
<td>09/00</td>
<td>08/05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>... The major goals of this project are to better understand which pre-operative and operative characteristics are predictors of one-year and long-term survival, to assess the functional outcomes of children with HLHS and to compare transplantation and staged surgery in terms of functional outcomes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIMDM</td>
<td>Llewellyn-Thomas/Weinstein</td>
<td>Developing and Evaluating Shared Decision Making Programs</td>
<td>01/98</td>
<td>06/05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>... The major goal of this project is the development and evaluation of data useful for shared decision programs to assist patients in making medical decisions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CF Fdn.</td>
<td>O'Connor, Gerald</td>
<td>Measuring, Organizing &amp; Improving Cystic Fibrosis Care &amp; Outcomes</td>
<td>01/99</td>
<td>12/04</td>
</tr>
<tr>
<td></td>
<td></td>
<td>... The major goal of this project is to form a regional organization that will improve care by studying outcomes and processes of care</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CF Fdn.</td>
<td>O'Connor, Gerald</td>
<td>CFF Patient Registry and Development of a National Program</td>
<td>07/01</td>
<td>06/05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>... The major goals of this project are to analyze CFF patient registry data; to generate a national report, as well as center and affiliate reports; and to develop a national program designed to accelerate the improvement of clinical care in CF.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI</td>
<td>Title</td>
<td>Sponsor</td>
<td>Start - End</td>
<td>Direct Cost</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------------------------------------------</td>
<td>----------------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>O'Connor, Gerald</td>
<td>Development of a National Program of Quality Improvement in CF</td>
<td>CF Fdn.</td>
<td>07/04 - 06/05</td>
<td>$244,392</td>
</tr>
<tr>
<td>Regan-Smith, Martha</td>
<td>Learning and Teaching about Patient Self-Care</td>
<td>Hitchcock Fdn.</td>
<td>07/03 - 06/05</td>
<td>$24,494</td>
</tr>
<tr>
<td>Schwartz, Lisa</td>
<td>Simple Tools to Facilitate Risk Communication in Primary Care</td>
<td>RWJF</td>
<td>07/03 - 06/07</td>
<td>$76,611</td>
</tr>
<tr>
<td>Schwartz, Lisa</td>
<td>Association of Health Care Journalists Meeting</td>
<td>VA</td>
<td>10/04 - 12/04</td>
<td>$15,000</td>
</tr>
<tr>
<td>Schwartz, Lisa</td>
<td>Improving the Quality of News Reporting on Medicine</td>
<td>NIH/NCI</td>
<td>07/04 - 06/07</td>
<td>$273,178</td>
</tr>
<tr>
<td>Skinner, Jonathan</td>
<td>Causes and Consequences of Health Care Intensity</td>
<td>NIA</td>
<td>09/01 - 08/06</td>
<td>$1,278,854</td>
</tr>
<tr>
<td>Skinner, Jonathan</td>
<td>Medical Innovations and Hospital Ownership</td>
<td>NBER</td>
<td>07/04 - 06/05</td>
<td>$25,000</td>
</tr>
<tr>
<td>Tosteson, Anna</td>
<td>Evaluation of Osteoporosis Prevention in the Elderly</td>
<td>NIH/NIA</td>
<td>01/95 - 08/07</td>
<td>$315,623</td>
</tr>
<tr>
<td>Tosteson, Anna</td>
<td>Evaluation of Digital Mammography Screening</td>
<td>NIH/NIA</td>
<td>03/01 - 12/04</td>
<td>$93,420</td>
</tr>
<tr>
<td>Sponsor</td>
<td>Title</td>
<td>PI</td>
<td>Start - End</td>
<td>Direct Cost</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------------------------------------------</td>
<td>-----------------------------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Eli Lilly &amp; Co.</td>
<td>Lilly Raloxifene Projects</td>
<td>Tosteson, Anna</td>
<td>08/93 - 09/05</td>
<td>$87,389</td>
</tr>
<tr>
<td></td>
<td>... To conduct various studies to determine the cost effectiveness of Raloxifene in comparison with hormonal therapies and interventions; and to obtain necessary utility data for economic evaluation of Raloxifene</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VA</td>
<td>Development of the Business Case for Patient Safety</td>
<td>Weeks, William</td>
<td>05/03 - 04/05</td>
<td>$72,932</td>
</tr>
<tr>
<td></td>
<td>... To develop a business case for patient safety in order to measure and articulate potential financial benefits from investment in patient safety activities.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VA</td>
<td>Patient Safety Conference</td>
<td>Weeks, William</td>
<td>10/03 - 11/04</td>
<td>$416,244</td>
</tr>
<tr>
<td></td>
<td>... To coordinate a series of conferences to provide education in patient safety and quality improvement techniques designed to enhance patient safety.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VA</td>
<td>Culture of Patient Safety Evaluation</td>
<td>Weeks, William</td>
<td>10/03 - 12/04</td>
<td>$703,248</td>
</tr>
<tr>
<td></td>
<td>... To comprehensively evaluate the learning of healthcare administrators, executives and providers who attend the patient safety conferences and to identify associations between participation in the patient safety curriculum and changes in the culture of safety at the local environment.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VA</td>
<td>Rural Ethics Project</td>
<td>Weeks, William</td>
<td>10/03 - 09/05</td>
<td>$165,060</td>
</tr>
<tr>
<td></td>
<td>... To conduct an analysis of the ethics of rural health care delivery in the United States, to communicate the relevance of those findings to the VHA and to write a grant to establish a rural ethics network within the VHA.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NIH/NIAMS</td>
<td>NIAMS MCRC in Musculoskeletal Diseases</td>
<td>Weinstein, James</td>
<td>04/03 - 03/08</td>
<td>$846,769</td>
</tr>
<tr>
<td></td>
<td>... The major goal of this center is to promote rigorous clinical research through a focused collaboration of diverse disciplines with an overall objective of improving the health of patients suffering from musculoskeletal diseases.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RWJ</td>
<td>Dartmouth Atlas Project</td>
<td>Wennberg, John</td>
<td>08/99 - 07/07</td>
<td>$300,000</td>
</tr>
<tr>
<td></td>
<td>... To promote a population-based perspective in health care reform through small area methods and dissemination of information through health care reform reports</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aetna Inc.</td>
<td>Dartmouth Atlas Project</td>
<td>Wennberg, John</td>
<td>08/04 - 07/05</td>
<td>$229,358</td>
</tr>
<tr>
<td></td>
<td>... The major goal of this project is to provide to researchers and health policymakers unbiased feedback of population-based and provider-specific information describing resource inputs, utilization, outcomes of care, and performance measures among hospitals, hospital service areas and hospital referral regions across the United States.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United Health</td>
<td>Dartmouth Atlas Project</td>
<td>Wennberg, John</td>
<td>08/04 - 07/07</td>
<td>$229,358</td>
</tr>
<tr>
<td></td>
<td>... The major goal of this project is to provide to researchers and health policymakers unbiased feedback of population-based and provider-specific information describing resource inputs, utilization, outcomes of care, and performance measures among hospitals, hospital service areas and hospital referral regions across the United States.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PI</td>
<td>Title</td>
<td>Sponsor</td>
<td>Start - End</td>
<td>Direct Cost</td>
</tr>
<tr>
<td>--------------------------</td>
<td>---------------------------------------------------</td>
<td>----------------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Wennberg, John</td>
<td>Dartmouth Atlas Project</td>
<td>WellPoint Fndn</td>
<td>08/04 - 07/07</td>
<td>$91,743</td>
</tr>
<tr>
<td></td>
<td>Program Description:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The major goal of this project is to provide to researchers and health policymakers unbiased feedback of population-based and provider-specific information describing resource inputs, utilization, outcomes of care, and performance measures among hospitals, hospital service areas and hospital referral regions across the United States.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Woloshin, Steve</td>
<td>Helping Patients and Physicians Make Sense of Medical Data</td>
<td>RWJF</td>
<td>07/04 - 06/06</td>
<td>$54,756</td>
</tr>
<tr>
<td></td>
<td>Program Description:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The major goal of this project is to promote the effective communication of medical information to and between patients and physicians.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Woloshin/Schwartz</td>
<td>Understanding Numbers in Health</td>
<td>NIH/NCI</td>
<td>09/00 - 12/04</td>
<td>$137,422</td>
</tr>
<tr>
<td></td>
<td>Program Description:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>To develop and evaluate a general education booklet and related communication tools to help people think about and make use of numbers in health.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>To document the outcomes of primary and revision total hip arthroplasty</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Woloshin/Schwartz</td>
<td>&quot;Drug Facts&quot; Box Interviews</td>
<td>VA</td>
<td>09/04 - 09/05</td>
<td>$15,000</td>
</tr>
<tr>
<td></td>
<td>Program Description:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The major goal of this project is to conduct 200 face-to-face interviews of a clustered random sample of potential drug consumers in different geographic areas to evaluate the use of a &quot;Drug Facts&quot; box under consideration for inclusion in Direct-to-Consumer pharmaceutical advertising.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zubkoff, Michael</td>
<td>Shared Decision Making Leadership Award</td>
<td>FIMDM</td>
<td>07/04 - 06/06</td>
<td>$170,940</td>
</tr>
<tr>
<td></td>
<td>Program Description:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The major goal of this project is to further integrate shared decision making into clinical practice at Dartmouth, with a special focus on primary care.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Subtotal for CECS:** $8,389,519
<table>
<thead>
<tr>
<th>Program Description:</th>
<th>Direct Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>The primary aim of this fellowship is to investigate the effects of ingestion of arsenic on DNA repair gene expression in relation to bladder cancer risk.</td>
<td>$4,615</td>
</tr>
<tr>
<td>The objective of this project is to investigate polymorphisms in DNA repair genes that may increase susceptibility to bladder cancer</td>
<td>$83,668</td>
</tr>
<tr>
<td>To document the outcomes of primary and revision total hip arthroplasty</td>
<td>$40,469</td>
</tr>
<tr>
<td>To assess the use of calcium and vitamin D in colorectal chemoprevention</td>
<td>$2,746,662</td>
</tr>
<tr>
<td>The 'Brenner' Early Detection Research Network (EDRN) project is a research study investigating possible biomarkers related to colon cancer detection, with a focus upon the ability of a biomarker to predict future clinical events.</td>
<td>$62,536</td>
</tr>
<tr>
<td>To establish a registry of families who have a history of multiple cases of colorectal cancer</td>
<td>$328,067</td>
</tr>
<tr>
<td>To study the determinants of outcome of primary and total hip replacement in a population-based cohort</td>
<td>$23,969</td>
</tr>
<tr>
<td>To study the effects of folate, 1-carbon nutrients and gene variants in colon cancer</td>
<td>$136,850</td>
</tr>
<tr>
<td>To assess the impact of aspirin on the occurrence of large bowel polyps in a multi-site clinical trial</td>
<td>$1,332,224</td>
</tr>
<tr>
<td>To continue the investigation related to a successful chemoprevention trial of calcium as a preventive agent against the recurrence of colorectal adenomas</td>
<td>$38,441</td>
</tr>
<tr>
<td>Sponsor</td>
<td>Title</td>
</tr>
<tr>
<td>---------------------</td>
<td>-----------------------------------------------------------</td>
</tr>
<tr>
<td>NIH/NCI</td>
<td>Baron, John Folate, DNA Methylations, and Carcinogens in the Bowel</td>
</tr>
<tr>
<td>…</td>
<td>The purpose of this grant is to add measures of DNA methylation in the normal mucosa of subjects participating in a chemoprevention trial of folate as a preventive agent against recurrence of large bowel adenomas.</td>
</tr>
<tr>
<td>MD Anderson</td>
<td>Baron, John DNA Methylation</td>
</tr>
<tr>
<td>…</td>
<td>This study is an investigation of DNA methylation (in normal mucosa and in adenomas) in the aspirin/folate trial. The effect of aspirin and folate on these endpoints will be assessed, as well as the associations with lifestyle factors.</td>
</tr>
<tr>
<td>U of AZ</td>
<td>Baron, John Colorectal Neophasia</td>
</tr>
<tr>
<td>…</td>
<td>This study will be a pooled analysis of large polyp surveillance and prevention trials with a focus on risk factors for advanced adenomas and cancer.</td>
</tr>
<tr>
<td>AECM</td>
<td>Baron, John Colorectal Adenomas</td>
</tr>
<tr>
<td>…</td>
<td>This study will investigate the association of serum cytokines (CRP, IL-6, TNF alpha) with adenoma endpoints in the aspirin/folate trial. The association of lifestyle factors with the cytokines will also be assessed, as well as an exploration of whether the aspirin effects parallel any effect on cytokines.</td>
</tr>
<tr>
<td>ICSG</td>
<td>Cole, Bernard International Breast Cancer Statistical Consult</td>
</tr>
<tr>
<td>…</td>
<td>Participation as a collaborating biostatistician for the International Breast Cancer Study Group and provide statistical expertise and input to the investigators and staff, including development of protocols, study design plans and data analysis plans.</td>
</tr>
<tr>
<td>NCI</td>
<td>Duell, Eric DNA Repair Gene Polymorphisms and Pancreatic Cancer</td>
</tr>
<tr>
<td>…</td>
<td>This project will analyze genomic DNA from pancreatic cancer cases and population-based controls in order to describe the association between inherited genetic variation in key genes involved in oxidative stress, DNA repair, and cell cycle repairs, and the risk of pancreatic cancer.</td>
</tr>
<tr>
<td>NIH/NIDDK</td>
<td>Finlayson, Sam Medical and Surgical Treatment of Esophageal Reflux</td>
</tr>
<tr>
<td>…</td>
<td>To compare proton pump inhibitor therapy and laparoscopic anti-reflux surgery for GERD (Gastroesophageal reflux disease).</td>
</tr>
<tr>
<td>Harvard (NIH)</td>
<td>Karagas, Margaret Molecular Epidemiology of Non-Melanoma Skin Cancer</td>
</tr>
<tr>
<td>…</td>
<td>The primary objective is to increase the understanding of host susceptibility to non-melanoma skin cancer and advance current models of skin carcinogenesis through identification of patterns of gene inactivation.</td>
</tr>
<tr>
<td>NCI</td>
<td>Karagas, Margaret Radiation Technology NCI Pilot</td>
</tr>
<tr>
<td>…</td>
<td>Radiation technologists pilot study of skin cancers.</td>
</tr>
<tr>
<td>NCI/NIH</td>
<td>Karagas, Margaret Epidemiology of Non-Melanoma Skin Cancer in NH</td>
</tr>
<tr>
<td>…</td>
<td>The primary objectives of the study are to evaluate incidence trends of skin cancer in a geographically defined U.S. population and to investigate etiologic factors for these malignancies.</td>
</tr>
<tr>
<td>Sponsor</td>
<td>Title</td>
</tr>
<tr>
<td>------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Harvard (NIH)</td>
<td>Superfund Hazardous Substances Basic Research Program</td>
</tr>
<tr>
<td>Karagas, Margaret</td>
<td>To understand, assess and attenuate the adverse effects on human health resulting from environmental exposures to toxic metals</td>
</tr>
<tr>
<td>NIEHS</td>
<td>Toxic Metals in the Northeast</td>
</tr>
<tr>
<td>Karagas, Margaret</td>
<td>To understand, assess and attenuate the adverse effects on human health resulting from environmental exposures to toxic metals</td>
</tr>
<tr>
<td>Westat (NIH/NCI)</td>
<td>Bladder Registry</td>
</tr>
<tr>
<td>Karagas, Margaret</td>
<td>The goal of this project is to determine the factors that contribute to the high mortality and incidence rates of bladder cancer in northern New England</td>
</tr>
<tr>
<td>Westat (NIH/NCI)</td>
<td>The New England Bladder Cancer Study</td>
</tr>
<tr>
<td>Karagas, Margaret</td>
<td>This is a population-based case-control study covering three New England States, Maine, New Hampshire and Vermont. The major purpose is to explain the apparent excess in bladder cancer rates in the region</td>
</tr>
<tr>
<td>NH</td>
<td>NH State Cancer Registry</td>
</tr>
<tr>
<td>Rees, Judy</td>
<td>To provide a comprehensive cancer registry and rapid reporting system</td>
</tr>
<tr>
<td>Genentech/Aventis</td>
<td>Web-based Randomized Phase III Study of Erlotinib HCL</td>
</tr>
<tr>
<td>Rigas, James</td>
<td>To evaluate combinations of Taxotere/gemcitabine and Taxotere/carboplatin are equivalent in overall survival in patient with advanced lung cancer</td>
</tr>
<tr>
<td>Adventis</td>
<td>Multi-Center Lung Cancer Taxotere Study</td>
</tr>
<tr>
<td>Rigas, James</td>
<td>To evaluate combinations of Taxotere/gemcitabine and Taxotere/carboplatin are equivalent in overall survival in patient with advanced lung cancer</td>
</tr>
<tr>
<td>NCI</td>
<td>Continuation of Follow-up of DES-Exposed Cohorts</td>
</tr>
<tr>
<td>Titus-Ernstoff, Linda</td>
<td>Continuation of follow-up of DES-Exposed Cohorts</td>
</tr>
<tr>
<td>NCI</td>
<td>Atypical Nevi in Melanoma: A Case Control Study</td>
</tr>
<tr>
<td>Titus-Ernstoff, Linda</td>
<td>Following a cohort of melanoma cases to identify risk factors for additional primary melanoma tumors</td>
</tr>
<tr>
<td>NCI</td>
<td>Genes, hormones, and environment in an ovarian cancer model</td>
</tr>
<tr>
<td>Titus-Ernstoff, Linda</td>
<td>The main goal of this population-based study is to examine genetic and environmental risk factors for ovarian cancer</td>
</tr>
<tr>
<td>NIH/NCI</td>
<td>Measurement Errors in Cancer Respiratory Epidemiology</td>
</tr>
<tr>
<td>Tosteson, Tor</td>
<td>To continue to develop statistical methods useful in cancer respiratory research and to implement methods in the form of distributable computer software</td>
</tr>
<tr>
<td>PI</td>
<td>Title</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Weinstein, James</td>
<td>Low Back Pain: A Multicenter Randomized Trial (joint with CECS)</td>
</tr>
<tr>
<td></td>
<td>... The major goal of this project is to conduct a multicentered, randomized, controlled trial for the three most common diagnostic groups for which spine surgery is performed: lumbar intervertebral disc herniation, spinal stenosis and spinal stenosis secondary to degenerative spondylolisthesis, comparing the most commonly used standard surgical and non-operative treatments.</td>
</tr>
<tr>
<td></td>
<td>Subtotal for Bio/Epi and Spine:</td>
</tr>
<tr>
<td>Carney, Patricia</td>
<td>Understanding Variability in Community Mammography</td>
</tr>
<tr>
<td></td>
<td>... To design and test an intervention to improve cancer radiologists’ interpretation of mammography</td>
</tr>
<tr>
<td>Carney, Patricia</td>
<td>Hormone Replacement Therapy and Breast Cancer</td>
</tr>
<tr>
<td></td>
<td>... To identify reasons for variability in the interpretation of mammograms and specifically study how recall rates and accuracy are influenced by fiscal, legal, environment and personal characteristics of radiologists</td>
</tr>
<tr>
<td>Carney, Patricia</td>
<td>Strategic Studies in Breast Cancer Surveillance</td>
</tr>
<tr>
<td></td>
<td>... To enhance the New Hampshire Mammography Network's research capacity by by expanding data collection to include determining outcomes in women who experienced mammography abnormalities and whose subsequent breast outcomes are not recorded in our registry</td>
</tr>
<tr>
<td>Cravero, Joseph</td>
<td>EMSC Partnership Grant</td>
</tr>
<tr>
<td></td>
<td>... Continuing progress in institutionalizing EMSC activities within the State Trauma System</td>
</tr>
<tr>
<td>Dietrich, Allen</td>
<td>Recognition and Management of Depression in Primary Care</td>
</tr>
<tr>
<td></td>
<td>... To continue research on the recognition and treatment of depression in primary care settings</td>
</tr>
<tr>
<td>Dietrich, Allen</td>
<td>Dissemination Initiative on Depression and Primary Care</td>
</tr>
<tr>
<td></td>
<td>... To disseminate information learned on treatment of depression in primary care settings to a large number of practices nationally</td>
</tr>
<tr>
<td>Dietrich, Allen</td>
<td>NY Prevention Care Manager Project</td>
</tr>
<tr>
<td></td>
<td>... To test the impact and measure the costs of a prevention case manager to improve cancer early detection provided to ethnically diverse women ages 50-69 seen in community health centers in NYC</td>
</tr>
<tr>
<td>Dietrich, Allen</td>
<td>Develop a Primary Care Colon Cancer Screening Consortium</td>
</tr>
<tr>
<td></td>
<td>... To develop the infrastructure and procedures necessary for a population based colonoscopy registry in NH and to enroll patients receiving colonoscopy thru DHMC and its 12 primary care practices</td>
</tr>
<tr>
<td>PI</td>
<td>Title</td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Harper, Diane</td>
<td>Time-Resolved Spectral Imaging of Cervical Cancer Acetowhiteness</td>
</tr>
<tr>
<td></td>
<td>... To determine optimal criteria for automated discrimination between different tissue types in cervical cancer</td>
</tr>
<tr>
<td>Kollisch, Donald</td>
<td>Rural Scholars Program</td>
</tr>
<tr>
<td></td>
<td>... Prepare medical students to provide medical care in rural and underserved areas of the State</td>
</tr>
<tr>
<td>Kollisch, Donald</td>
<td>Reproductive Health Partnership in Kosovo</td>
</tr>
<tr>
<td></td>
<td>... This project's aim is to increase the capacity and competency of family physicians and nurses to provide quality reproductive health services in Family Medicine Centers</td>
</tr>
<tr>
<td>McCullough, Dennis</td>
<td>Senior Fitness Project</td>
</tr>
<tr>
<td></td>
<td>... To maintain and improve the model for structured, peer-supported physical reconditioning in the Elderly</td>
</tr>
<tr>
<td>McCullough, Dennis</td>
<td>Upper Valley Community Geriatrics Project</td>
</tr>
<tr>
<td></td>
<td>... Develop &quot;Continuing Care Retirement Services without Walls&quot; program, which would include both social and medical services provided outside of nursing homes to support those living at home</td>
</tr>
<tr>
<td>Olson, Ardis</td>
<td>Addressing Maternal Depression: A Screening Project</td>
</tr>
<tr>
<td></td>
<td>... To develop and implement of program of maternal depression screening in pediatric practices with follow-up support</td>
</tr>
<tr>
<td>Orgren, Rosemary</td>
<td>Distance Learning and Telemedicine</td>
</tr>
<tr>
<td></td>
<td>... To provide greater access to educational programs in rural areas of the State New Hampshire in a shared network of hardware, software and electronic connections</td>
</tr>
<tr>
<td>Orgren, Rosemary</td>
<td>Medical Provider Oral Health Education Project</td>
</tr>
<tr>
<td>Jones, Russell</td>
<td>... Initiative to address poor oral health in New Hampshire's low-income children</td>
</tr>
<tr>
<td>Orgren, Rosemary</td>
<td>Health Information Providers of New Hampshire Project</td>
</tr>
<tr>
<td></td>
<td>... To provide tools, training and ongoing technical assistance to providers of health care and information service providers to help them stay current in their field of medicine</td>
</tr>
<tr>
<td>Thomas, Vince</td>
<td>Improving Treatment for Medicaid Beneficiaries with Co-occurring Disorders</td>
</tr>
<tr>
<td></td>
<td>... To study the relationship of substance abuse and prescription drug use in the elderly using Medicaid claims data</td>
</tr>
<tr>
<td>PI</td>
<td>Title</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Wasson, John</td>
<td>Disseminating a Community-Based Strategy to Improve Health Care</td>
</tr>
<tr>
<td></td>
<td>... To disseminate web-based information on improving community health care</td>
</tr>
<tr>
<td>Wasson, John</td>
<td>Office Practice Changes to Improve Healthy Behaviors</td>
</tr>
<tr>
<td></td>
<td>... To estimate the cost-effectiveness of replicable approaches for improvement of healthy behaviors in persons between 16-49 years of age</td>
</tr>
<tr>
<td>Wasson, John</td>
<td>Clinical Assessment System for Employers in S. California</td>
</tr>
<tr>
<td></td>
<td>... A pilot project for a patient driven quality improvement initiative involving employers, providers, health plans and consumers. Results will be presented to consumers along with individualized educational materials</td>
</tr>
<tr>
<td>Wasson, John</td>
<td>Web Supported, Generic Planned Care for Office Practice</td>
</tr>
<tr>
<td></td>
<td>... To develop a Chronic Care Model to improve care for specific diseases</td>
</tr>
<tr>
<td><strong>Subtotal for Primary Care:</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Mental Health Services Research** (joint with Psychiatry)

<table>
<thead>
<tr>
<th>PI</th>
<th>Title</th>
<th>Sponsor</th>
<th>Start - End</th>
<th>Direct Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bartels, Stephen J.</td>
<td>Interventions and Services for Older Adults with SMI</td>
<td>NIMH</td>
<td>09/02 - 08/07</td>
<td>$108,767</td>
</tr>
<tr>
<td></td>
<td>... To support the development of advanced expertise in interventions and services research focusing on older persons with severe mental illness</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bartels, Stephen</td>
<td>Prevention of Substance Abuse and Medication Misuse Among Older Adults in Senior Housing</td>
<td>SAMHSA</td>
<td>07/01 - 06/05</td>
<td>$282,080</td>
</tr>
<tr>
<td></td>
<td>... This randomized-controlled study will evaluate a statewide alcohol and medication misuse prevention program targeting older adults living in rural public housing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bartels, Stephen</td>
<td>Rehabilitation and Health Care for Older Adults with SMI</td>
<td>NIMH</td>
<td>12/00 - 11/05</td>
<td>$501,965</td>
</tr>
<tr>
<td></td>
<td>... To test a supported rehabilitation and health management intervention designed to enhance functioning in independent living skills, and health care management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bartels, Stephen</td>
<td>Behavioral Health Policy Institute</td>
<td>State of NH</td>
<td>07/03 - 06/08</td>
<td>$250,000</td>
</tr>
<tr>
<td></td>
<td>... Medicaid services and mental health policy consultation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bartels, Stephen</td>
<td>Evaluation of a Pilot Health Promotion Intervention for Persons with SMI</td>
<td>NH Endowment</td>
<td>07/03 - 09/05</td>
<td>$66,589</td>
</tr>
<tr>
<td></td>
<td>... To assess the InShape program</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drake, Robert</td>
<td>Comparison of Two Employment Models, NIMH</td>
<td>NIMH</td>
<td>07/99 - 03/05</td>
<td>$53,933</td>
</tr>
<tr>
<td></td>
<td>... To evaluate the IPS and clubhouse models of vocational services for persons with severe mental disorders in Chicago</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponsor</td>
<td>Title</td>
<td>Start</td>
<td>End</td>
<td>Direct Cost</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
<td>--------</td>
<td>--------------</td>
</tr>
<tr>
<td>NH DBH</td>
<td>Psychiatric Research Center</td>
<td>07/03</td>
<td>06/08</td>
<td>$679,140</td>
</tr>
<tr>
<td>NIMH</td>
<td>Assertive Community Treatment for Dually Diagnosed Clients</td>
<td>09/95</td>
<td>06/05</td>
<td>$250,000</td>
</tr>
<tr>
<td>Johnson &amp; Johnson</td>
<td>Johnson &amp; Johnson - Dartmouth Bridge to Mental Wellness</td>
<td>04/01</td>
<td>12/04</td>
<td>$851,677</td>
</tr>
<tr>
<td>NIMH</td>
<td>Management for Risk of Relapse in Schizophrenia</td>
<td>12/99</td>
<td>01/05</td>
<td>$69,568</td>
</tr>
<tr>
<td>SAMHSA</td>
<td>Evaluation and Implementation Packages for EBPs</td>
<td>09/02</td>
<td>09/05</td>
<td>$624,254</td>
</tr>
<tr>
<td>West Family Fdn</td>
<td>West Institute at NH - Dartmouth Psychiatric Research Center</td>
<td>04/01</td>
<td>06/05</td>
<td>$500,000</td>
</tr>
<tr>
<td>ST. of VT.</td>
<td>Vermont IDDT implementation</td>
<td>02/04</td>
<td>01/05</td>
<td>$80,000</td>
</tr>
<tr>
<td>ST. of VT.</td>
<td>Vermont’s CRT and JOBS Mental Health Employment Programs for Youth an Adults</td>
<td>10/03</td>
<td>09/05</td>
<td>$62,700</td>
</tr>
<tr>
<td>State of CT</td>
<td>Integrated Dual Disorders Treatment Implementation</td>
<td>01/03</td>
<td>12/04</td>
<td>$100,000</td>
</tr>
<tr>
<td>NIDA</td>
<td>Cognitive Therapy for PTSD in Addiction Treatment</td>
<td>06/04</td>
<td>05/09</td>
<td>$130,007</td>
</tr>
<tr>
<td>NHDADAPR</td>
<td>NH Drug Div of Alcohol and Drug Abuse Contract</td>
<td>07/03</td>
<td>06/05</td>
<td>$73,014</td>
</tr>
<tr>
<td>NE Institute</td>
<td>Implementing Effective Alcohol and Drug Abuse Treatment for Adolescents</td>
<td>10/04</td>
<td>09/05</td>
<td>$37,301</td>
</tr>
<tr>
<td>SAMHSA</td>
<td>District of Columbia Trauma Collaboration Study</td>
<td>09/00</td>
<td>08/05</td>
<td>$51,342</td>
</tr>
<tr>
<td>Sponsor</td>
<td>Title</td>
<td>Start</td>
<td>End</td>
<td>Direct Cost</td>
</tr>
<tr>
<td>---------</td>
<td>-------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>VA</td>
<td>Post Traumatic Stress Disorder</td>
<td>09/98 - 08/05</td>
<td></td>
<td>$23,853</td>
</tr>
<tr>
<td>...</td>
<td>... To psychometrically assess PTSD and its associated symptoms, and the responses to laboratory stressors and neuroendocrine assays</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NIMH</td>
<td>An RCT of Trauma Recovery and Empowerment Model</td>
<td>07/04 - 03/05</td>
<td></td>
<td>$441,864</td>
</tr>
<tr>
<td>...</td>
<td>... To study effectiveness of a model for group treatment for women who have experienced trauma</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMHSA</td>
<td>District of Columbia Integrated Services Study</td>
<td>10/02 - 09/05</td>
<td></td>
<td>$36,889</td>
</tr>
<tr>
<td>...</td>
<td>... To evaluate the effectiveness of integrated housing and mental health services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NH DBH</td>
<td>Elderly Wraparound Project Evaluation</td>
<td>07/03 - 06/05</td>
<td></td>
<td>$95,000</td>
</tr>
<tr>
<td>...</td>
<td>... To evaluate the NH Elderly wraparound project</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NIMH</td>
<td>Family Intervention for SMI and Substance Use Disorders</td>
<td>07/01 - 06/06</td>
<td></td>
<td>$498,426</td>
</tr>
<tr>
<td>...</td>
<td>... A controlled evaluation of a new family intervention program for dual disorders</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAMHSA</td>
<td>The New Hampshire Child Mental Health Initiative</td>
<td>01/00 - 12/06</td>
<td></td>
<td>$178,571</td>
</tr>
<tr>
<td>...</td>
<td>... To evaluate a program to reduce out-of-home placements of children</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NIMH</td>
<td>Cognitive-Behavioral Treatment of PTSD in Clients with SMI</td>
<td>01/02 - 12/04</td>
<td></td>
<td>$250,000</td>
</tr>
<tr>
<td>...</td>
<td>... To evaluate CBT re improving PTSD diagnoses and symptoms, quality of life, self-perceived health, knowledge of PTSD, and distorted perceptions of the world</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NARSAD</td>
<td>Treating the Trauma of Psychosis</td>
<td>05/03 - 04/05</td>
<td></td>
<td>$92,593</td>
</tr>
<tr>
<td>...</td>
<td>... The study will involve adapting our CBT intervention to address PTSD due to a first episode of psychosis in order to reduce PTSD symptom severity, decrease depressions and anxiety, and increase self-efficacy and adherence to recommended treatments</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NARSAD</td>
<td>An Investigation of Medication Adherence &amp; use of Memory Strategies in Older Adults with Schizophrenia</td>
<td>07/03 - 06/05</td>
<td></td>
<td>$59,345</td>
</tr>
<tr>
<td>...</td>
<td>... This study will develop and implement innovative psychosocial interventions that will reduce suffering and improve quality of life for individuals with severe mental illness, particularly older adults with schizophrenia</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Subtotal for PRC:** $6,448,878
Interactive and Networked Research

Henderson, Joseph  
Advanced Distance Learning to Enhance the Gathering, Preservation and Use of DNA Evidence  
NIJ  
11/04 - 10/05  
$516,481  
... To develop two high-quality, comprehensive, standardized, advanced distance learning courses on preservation of DNA evidence, which will present factual knowledge using blended learning approaches

Henderson, Joseph / Gaffney, Cecelia  
Helping Your Patients Stop Smoking-Interactive Program  
RWJF  
02/01 - 01/05  
$380,802  
... To improve the ability of primary care practitioners to provide tobacco use treatment and consulting to their patients

Henderson, Joseph  
Counterterrorism and Cybersecurity Research & Development  
Justice Dept  
11/01 - 12/04  
$1,686,593  
... To provide high-quality, comprehensive, standardized, technology-based counterterrorism training that can be available at any time or location

**Subtotal for Interactive Research:**  $2,583,876

*Total Annual Direct Costs:  $38,341,522