Health and Wellness
Research and Program Development

Overview of Major Funding Programs
Major federal health-related funders

- Health and Human Services (HHS)
- Department of Defense (DOD)
- Department of Justice (DOJ)
- National Institutes of Health (NIH)
- Health Resources and Services Administration (HRSA)
- Substance Abuse and Mental Health Services Administration (SAMHSA)

Almost half of federal non-defense R&D spending
## What do they fund?

<table>
<thead>
<tr>
<th>Agency</th>
<th>Funding Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIH</td>
<td>Basic and applied research related to human health, including social science research</td>
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<tr>
<td>HRSA</td>
<td>Applied and translational research to improve health and access to health care services, including behavioral health, for the uninsured and vulnerable populations. Includes HIV/AIDS, Maternal &amp; Child, Aging, Disabilities</td>
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<tr>
<td>SAMHSA</td>
<td>Research and implementation programs to reduce the impact of substance abuse and mental illness, prevent behavioral health problems, and promote better health</td>
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<tr>
<td>DOD</td>
<td>Breast, Prostate and Ovarian Cancers; Neurofibromatosis, Military Health (pre-application)</td>
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<tr>
<td>DOJ</td>
<td>Social science research, development and evaluation projects about criminal justice</td>
</tr>
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</table>
NIH: Understanding the Mission

Our mission: to seek fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce illness and disability.

- 27 different Institutes and Centers
- 24 IC offer grant opportunities
- Each IC is separately funded by Congress
- Each IC has its own:
  - Mission & Priorities
  - Budget
  - Funding Strategy
NIH Priorities 2015 Budget Request

• BRAIN Initiative
  • Alzheimer’s disease, autism, schizophrenia, epilepsy, traumatic brain injury

• Accelerating Medicines Partnership (AMP)
  • Alzheimer’s disease, type 2 diabetes, lupus, and rheumatoid arthritis

• Universal Flu Vaccine

• Cancer Immunotherapy
NIH Funding Mechanism of Interest to Kean

Academic Research Enhancement Award (AREA) Program –R15

- **Goals of the Program**
  - Support meritorious research
  - Expose students to research
  - Strengthen the research environment of the institution

- **Institutional Eligibility**
  - Only domestic institutions of higher education are eligible.
  - The institution must offer baccalaureate or advanced degrees in the health-related sciences.
  - The institution may not receive more than $6 million per year in NIH support in each of 4 of the last 7 years.

- **Key Features**
  - Project period is limited to 3 years.
  - Direct costs are limited to $300,000 over the entire project period.
  - Grants are renewable.
  - Preliminary data are not required.

- **Principal Investigator Eligibility**
  - The PI must have a primary faculty appointment at an AREA-eligible institution.
  - The PI may not be the PI of an active NIH research grant at the time of an AREA award.
  - The PI may not be awarded more than one AREA grant at a time.
Less Well-Known Institutes & Centers

• Office of Behavioral and Social Sciences Research (OBSSR)
• National Center for Complementary and Alternative Medicine
  • Mind and body interventions, practices and disciplines
  • Natural products
• National Institute on Minority Health and Health Disparities
  • Community Based Participatory Research Program – up to 11 years of funding: 3 yrs. planning; 5 yrs. implementation; 3 yrs. dissemination
• *Eunice Kennedy Shriver* National Institute of Child Health and Human Development
  • rehabilitation interventions that improve the health and well-being of people with disabilities
• National Institute of Nursing Research
  • psychological, environmental, familial, societal, and cultural factors
Office of Behavioral and Social Sciences Research

Research on Behavioral or Social Processes

- Sensation and perception
- Emotion and motivation
  - depression, anxiety, eating disorders, obesity, addictions, sleep disturbances
- Vulnerability and resilience
  - violence, effects of child abuse and neglect
- Attention, learning and memory
  - attention deficit disorders, learning disabilities, cognitive rehabilitation, education
- Ingestive, sexual and aggressive behaviors
- Language development
  - communication disorders, autism, learning disabilities
- Social influences and social cognition
- Family processes and social networks
  - child development, aging, domestic violence, stress and resiliency, divorce
  - Open FOA: Understanding Factors in Infancy and Early Childhood (Birth to 24 months) that Influence Obesity Development
- Sociocultural and environmental processes, population dynamics
  - health disparities, exposure to environmental stressors and buffers
Specific research examples

*From NIH*

- Basic **behavioral and social science research** contributing to the understanding of the complex factors that affect individuals, communities and environments
- **New approaches** to ensure adherence, increase adoption of healthier practices, and reduce risky behaviors
- Research on **violence**, with a particular focus on firearm violence
- Studies on **health disparities** among minority populations
- Discovery of a bacterial toxin that selectively **kills cancerous** leukemia cells, but not normal, healthy cells.
- Research to develop probiotic bacteria to produce vitamin A precursors to **prevent childhood blindness**
Enacted in 1935 as a part of the Social Security Act to ensure the health of the Nation’s mothers, women, children and youth, including children and youth with special health care needs, and their families

Maternal and Child Health Research Program funds studies that have potential for application to MCH practice and policy. Current areas of interest for funding are:

- eliminating health disparities within MCH populations
- increasing quality of care
- promoting healthy development
- improving the effectiveness of service systems
Specific research examples

From Maternal & Child Health Research Program (HRSA)

• Conduct **longitudinal studies** of health and normative development in special populations of children

• Study the effectiveness of ... strategies to promote healthy weight and prevent **obesity** in children and adolescence

• Investigate the effects of the organization and delivery of ... services on the health status ... of children/adolescents, ... involved with the juvenile justice system

• Determine the effectiveness, impact, and cost benefits of **cultural and linguistic competence** in public health care and service systems
HRSA – Current Open Competitions

• MCH Research Program - Field-initiated research projects on evidence-based interventions including services for children with special health care needs
  • Example: Behavioral Treatment through In-Home Telehealth for Young Children with Autism

• Secondary Data Analysis Studies Program
  • Applied research that utilizes existing national databases and/or administrative records.
    • Example: Autism Intervention Challenges for Low-Income Children
HHS Operating Divisions

In addition to NIH, HRSA, and SAMHSA

• **Administration for Children and Families (ACF)**
  • Funds research to promote the economic and social well-being of families, children and communities – Most grants are implementation rather than research *(example: NJ PREP – adolescent pregnancy prevention)*

• **Administration for Community Living (ACL)**
  • Includes Administration on Aging, the Administration of Developmental Disabilities, and Office on Disabilities – research and implementation

• **Agency for Healthcare Research and Quality (AHRQ)**
  • Funds research to improve quality, safety, efficiency, and effectiveness of health care

• **Agency for Toxic Substances and Disease Registry (ATSDR)**

• **Centers for Disease Control and Prevention (CDC)**
  • Includes National Institute for Occupational Safety and Health (NIOSH) funds research to identify occupational populations at risk and reduce or eliminate hazards

• **Centers for Medicare & Medicaid Services (CMS)**

• **Food and Drug Administration (FDA)**

• **Indian Health Service (IHS)**
Private Funders
Large Foundations – Broad Funding Areas

• Bill and Melinda Gates Foundation
  • Global Health Grants: Enteric and Diarrheal Diseases, HIV, Malaria, Pneumonia, Tuberculosis, Neglected Infectious Diseases

• Burroughs Wellcome Fund
  • Biomedical sciences

• Howard Hughes Medical Institute
  • Biomedical research and science education

• Robert Wood Johnson Foundation
  • Many areas of health and health care, some biomedical research

• Wellcome Trust
  • Human and animal health, mostly investigator initiated. Also public engagement and ethics & society
Associations & Smaller Foundations

- Foundation for Physical Therapy
  - Scholarships, Fellowships, and Research grants
- Sigma Theta Tau International
  - Nursing research grants – small grants $5,000
- Josiah Macy Jr. Foundation
  - New educational innovations and career development activities
- NFL Foundation
  - Emphasis on concussion and traumatic brain injury

Disease-related Foundations: Asthma, Cancer, Diabetes, Lupus, Malaria, Multiple Sclerosis, Polio...
DOJ

• Focus on Office of Violence Against Women (OVW)
• One of 50+ agencies within the Department of Justice
• OVW was created in 1995 as a result of the Violence Against Women Act (VAWA)
• The mission is to provide federal leadership in developing the nation’s capacity to reduce violence against women and administer justice for and strengthen services to victims of domestic violence, dating violence, sexual assault, and stalking.
DOJ Priorities
Office of Violence Against Women (OVW)

Five areas of interest in regards to funding initiatives

1. **Hotlines** – Incl. National Domestic Violence Hotline, National Sexual Assault Hotline, and National Teen Dating Abuse Helpline
2. **Domestic Violence** - Defined as a pattern of abusive behavior that is used by an intimate partner to gain or maintain power and control over the other intimate partner.
3. **Sexual Assault** - Defined as any type of sexual contact or behavior that occurs by force or without consent of the recipient of the unwanted sexual activity.
4. **Dating Violence** - Defined as violence committed by a person who is or has been in a social relationship of a romantic or intimate nature with the victim
5. **Stalking** - Pattern of repeated and unwanted attention, harassment, contact, or any other course of conduct directed at a specific person that would cause a reasonable person to feel fear.
Specific Funding Examples

Office of Violence Against Women- 24 total programs

- **Campus Grant Program** - Encourages institutions of higher education to adopt comprehensive, coordinated responses to domestic violence, dating violence, sexual assault, and stalking.

- **Grants to Support Families in the Justice System** - Projects to improve the response of all aspects of the civil and criminal justice system to families with a history of domestic violence, dating violence, sexual assault, and stalking, or in cases involving allegations of child sexual abuse.

- **Culturally and Linguistically Specific Services for Victims Program** - Projects that promote the maintenance and replication of existing successful programs providing culturally and linguistically specific services and other resources.
Funded Projects

- Sample of 3 Projects in NJ over past 3 years

<table>
<thead>
<tr>
<th>Year</th>
<th>Institution/Organization</th>
<th>Amount</th>
<th>Program</th>
</tr>
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<tbody>
<tr>
<td>2014</td>
<td>Bergen Community College</td>
<td>$300,000</td>
<td>Campus Grant Program</td>
</tr>
<tr>
<td>2013</td>
<td>William Patterson College</td>
<td>$300,000</td>
<td>Campus Grant Program</td>
</tr>
<tr>
<td>2012</td>
<td>Manavi, Inc.</td>
<td>$255,000</td>
<td>Culturally and Linguistically Specific Services for Victims</td>
</tr>
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</table>

Program FY 2012
SAMHSA

• Agency within the U.S. Department of Health and Human Services that leads public health efforts to advance the behavioral health of the nation and reduce the impact of substance abuse and mental illness on America's communities.

• SAMHSA’s vision includes 4 edicts:
  • Behavioral Health is essential for overall wellbeing
  • Prevention works
  • Treatment is effective
  • People recover from mental and substance use disorders
SAMHSA Strategic Initiatives

• SAMHSA has identified 6 strategic initiatives for 2015-2020. These initiatives are all focused on meeting the behavioral health care needs of individuals, communities, and service providers.
  • Prevention of Substance Abuse and Mental Illness
  • Health Care and Health Systems Integration
  • Trauma and Justice
  • Recovery Support
  • Health Information Technology
  • Workforce Development

http://store.samhsa.gov/shin/content//PEP14-LEADCHANGE2/PEP14-LEADCHANGE2.pdf
SAMHSA – Trauma and Justice

• This initiative addresses the behavioral health needs of people involved in - or at risk of involvement in - the criminal and juvenile justice systems.

Two Examples of Trauma and Justice Programs

• **Safe Schools/Healthy Students**- Dedicated to the promotion of mental health among students, enhances their academic achievement, prevents violence and substance use in schools and communities, and creates safe and respectful school environments.

• **Planning Grants for Expansion of the Comprehensive Community Mental Health Services for Children and their Families** - The purpose of this program is to develop a comprehensive strategic plan for improving, expanding and sustaining services provided through a system of care (SOC) approach for children and youth with serious emotional disturbances and their families.
Specific research examples

Trauma and Justice

- **Objective 3.1.4**: Develop and implement measures for population surveillance, client level data, facilities surveys, and quality measures.

- **Objective 3.2.3**: Provide tools, trainings, and technical assistance on effective screenings and assessments for behavioral health, trauma, and criminogenic risk, as well as strategies for connecting people to appropriate community-based services.

- **Objective 3.3.5**: Work with federal, state, local, and academic partners to conduct and report surveillance data about behavioral health implications and impacts of large-scale disasters and tragic community events.

[http://store.samhsa.gov/shin/content//PEP14-LEADCHANGE2/PEP14-LEADCHANGE2.pdf](http://store.samhsa.gov/shin/content//PEP14-LEADCHANGE2/PEP14-LEADCHANGE2.pdf) (page 20, 21, and 22)
Funded Projects

- Sample of projects from recent years

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<th>Institution/Organization</th>
<th>Amount</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>2014</td>
<td>Rowan University</td>
<td>$90,010 (per year for 3 year project)</td>
<td>Campus Suicide Prevention Grants</td>
</tr>
<tr>
<td>2012</td>
<td>Monmouth University</td>
<td>$301,215</td>
<td>Campus Suicide Prevention Grants</td>
</tr>
<tr>
<td>2012</td>
<td>UMDNJ with RWJ Medical School</td>
<td>$480,000</td>
<td>State and Tribal Youth Suicide Prevention</td>
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Questions?

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