Office of Behavioral and Social Sciences Research
National Institutes of Health

Wendy B. Smith, MA, PhD, BCB
Associate Director
Office of Behavioral and Social Sciences Research

December 4, 2018
Office of Behavioral and Social Sciences Research

OBSSR was created by Congress in 1993, in recognition of the importance of behavioral and social sciences to the National Institutes of Health (NIH) mission.

Our Mission:
Enhance the impact of health-related behavioral and social sciences research
Coordinate behavioral and social sciences research conducted or supported by the NIH and integrate these sciences within the larger NIH research enterprise
Communicate health-related behavioral and social sciences research findings to various stakeholders within and outside the federal government
<table>
<thead>
<tr>
<th>Addictive Behaviors</th>
<th>Attention, Learning &amp; Memory</th>
<th>Developmental Processes &amp; Family Health</th>
<th>Food Intake &amp; Physical Activity</th>
<th>Healthcare &amp; Disease Management</th>
<th>Language &amp; Communications Disorders</th>
<th>Mental Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Processes / Mechanisms</td>
<td>• Neurobiological/Psychological Processes / Mechanisms of Attention, Learning and Memory</td>
<td>• Developmental Processes from Conception to Death</td>
<td>• Behaviors Associated with Energy Intake &amp; Expenditure</td>
<td>• Healthcare Access</td>
<td>• Communication Processes</td>
<td>• Bio-Psycho-Social Processes Involved in Regulating Mental Health/Illness</td>
</tr>
<tr>
<td>• Prevention / Cessation</td>
<td>• Disorders of Attention, Learning &amp; Memory (e.g., dementia) &amp; Interventions</td>
<td>• Maternal Health, Parental Behavior, Family Dynamics</td>
<td>• Treatment of Obesity, Malnutrition</td>
<td>• Provider-Patient Interactions</td>
<td>• Impairments in Receptive/Expressive Verbal and Nonverbal Communication</td>
<td>• Interventions</td>
</tr>
<tr>
<td>• Risk of Substance Use/Abuse</td>
<td></td>
<td>• Adverse Events that Affect Development</td>
<td></td>
<td>• Health Literacy</td>
<td>• Interventions</td>
<td>• Influences of Mental Health on Other Conditions</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pain, Injury, &amp; Disability</th>
<th>Sensation &amp; Perception</th>
<th>Sexual Behaviors</th>
<th>Sleep</th>
<th>Social Processes &amp; Determinants</th>
<th>Stress, Trauma, &amp; Resilience</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Functional Impairments that Reduce Quality of Life</td>
<td>• Mechanisms of Sight, Sound, Taste, Touch, Smell, Interoception, Balance, Proprioception, Time, Temperature</td>
<td>• Sexual Attitudes / Behaviors</td>
<td>• Bio-Psycho-Social Processes</td>
<td>• Social / Economic Influences</td>
<td>• Effects of Exposure to Stressors/Trauma on Health &amp; Well-Being</td>
</tr>
<tr>
<td>• Pathophysiology, Management, and Rehabilitation</td>
<td>• Perception / Integration / Interpretation / Response</td>
<td>• Bio-Psycho-Social Influences</td>
<td>• Sleep Disorders</td>
<td>• Cultural/Community Factors</td>
<td>• Coping/Resilience</td>
</tr>
<tr>
<td>• Prevention of Injury and Falls</td>
<td></td>
<td>• Risky Sexual Behavior</td>
<td>• Circadian Rhythms</td>
<td>• Policy Impacts</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Interventions</td>
<td>• Effects of Sleep on Performance / Disease Risk</td>
<td>• Health Disparities</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• SIDS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

National Institutes of Health
Office of Behavioral and Social Sciences Research
Behavioral and Social Sciences Research: Contributions to the Opioid and Pain Crises

► Contribution of Social and Behavioral Research in Addressing the Opioid Crisis (March 5-6, 2018)
  ♦ Included researchers, stakeholders, advocacy groups, and policy makers
    • Sociocultural and socioeconomic underpinnings of the crisis
    • Behavioral and social factors preventing opioid initiation and mitigating the transition from acute to chronic opioid use
    • Nonpharmacologic approaches to the treatment of opioid abuse and chronic pain management
    • Overcoming barriers to prevention and treatment
    • Models of integrating social and behavioral approaches into clinical and medical practice

► NIH Contributions of Social and Behavioral Science in Addressing the Opioid Crisis (CSBR-AOC) Trans-NIH Strategic Planning Committee
  ♦ Three Subgroups: Dissemination/Communication, FOA Development, Publication
    • Prioritize and translate key recommendations into action items
    • Identify areas where more research or dissemination is needed
Active Funding Announcements: OBSSR Led

- Methodology and Measurement in the Behavioral and Social Sciences (R01, R21)
- Predoctoral Training in Advanced Data Analytics for Behavioral and Social Sciences Research (BSSR) - Institutional Research Training Program (T32)
- Education and Health: New Frontiers (R01, R03, R21)
- Population Health Interventions: Integrating Individual and Group Level Evidence (R21, R01)
- Revision Applications for Validation of Mobile/Wireless Health Tools for Measurement and Intervention (R01)
- Improving Patient Adherence to Treatment and Prevention Regimens to Promote Health (R01, R21)
- Short-term Mentored Career Enhancement Awards in Mobile and Wireless Health Technology and Data Analytics: Cross-Training at the intersection of Behavioral and Social Sciences and STEM Disciplines (K18)
- mHealth Tools for Individuals with Chronic Conditions to Promote Effective Patient-Provider Communication, Adherence to Treatment and Self-Management (R01 Clinical Trial Optional)
https://obssr.od.nih.gov/