



National Institutes of Health Open Grant Opportunities

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institutes of Health Deadline 9 /8 /2017	NIH Director's New Innovator Award Program (DP2)	The NIH Director's New Innovator Award (DP2) supports a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research. The NIH Director's New Innovator Award complements ongoing efforts by NIH and its Institutes and Centers to fund early stage investigators through R01 grants, which continue to be the major sources of NIH support for early stage investigators. The NIH Director's New Innovator Award is a component of the High-Risk, High-Reward Research program of the NIH Common Fund.	351
https://grants.nih.gov/grants/guide/rfa-files/RFA-RM-17-006.html			
National Institutes of Health Deadline 9 /25 /2017	Bridges to Baccalaureate (R25)	The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NIGMS R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. This FOA will support creative educational activities with a primary focus on Courses for Skills Development, Research Experiences, and Curriculum or Methods Development. The Bridges to Baccalaureate Program is intended to provide these activities to community college students to increase transfer and retention to BS graduation in biomedical sciences. This program requires partnerships between community colleges or other two-year post-secondary educational institutions granting the associate degree with colleges or universities that offer the baccalaureate degree.	34
National Institute of Arthritis and Musculoskeletal and Skin Disease Deadline 11/2 /2017	Exploratory Clinical Trial Grants in Arthritis and Musculoskeletal and Skin Diseases (R21)	This Funding Opportunity Announcement (FOA) is designed to facilitate clinical trials that can be completed within a limited timeframe and budget. A broad range of types of exploratory studies may be submitted to this FOA. The trials must address research questions related to the mission and goals of the NIAMS and may evaluate interventions with drugs, biologics, devices, or surgical, dietary, behavioral or rehabilitation therapies. Direct Costs: \$400,000, 3-years	399
https://grants.nih.gov/grants/guide/pa-files/PAR-17-293.html			
National Institutes of Health Deadline 1 /23 /2018	Innovative Programs to Enhance Research Training (IPERT) (R25)	The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NIGMS R25 program is to support educational activities that complement and/or enhance the research training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development, Mentoring Activities, and Outreach.	229
https://grants.nih.gov/grants/guide/pa-files/PAR-17-070.html			

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institutes of Health Deadline 3/30/2018	Research To Address Sleep Disorders in the Context of Medical Rehabilitation (R01)	Patients with many disabilities report problems sleeping, but specific sleep disorders are often not diagnosed. Because sleep affects many physiological and behavioral parameters—depression, anxiety, pain, cancer, cardiovascular changes, immune functions—sleep disorders should be diagnosed and appropriately treated to maximize benefit of rehabilitation. Research is needed on ways to best approach this complexity in the context of medical rehabilitation for a primary, nonsleep disorder.	309
https://grants.nih.gov/grants/guide/pa-files/PAR-17-163.html			
National Institute of Child Health and Human Development Deadline 3/30/2018	NCMRR Early Career Research Award (R03)	The National Center for Medical Rehabilitation Research (NCMRR) Early Career Research (ECR) Award (R03) is intended to support both basic and clinical research from rehabilitation scientists who are establishing independent research careers. It cannot be used to support thesis/dissertation research or research conducted by postdoctoral fellows. The research should be focused on one or more of the areas within the biomedical and behavioral mission of NCMRR: pathophysiology and management of chronically injured nervous and musculoskeletal systems; repair and recovery of motor and cognitive function; functional plasticity, adaptation, and windows of opportunity for rehabilitation interventions; rehabilitative strategies involving pharmaceutical, stimulation, neuroengineering approaches, exercise, motor training, and behavioral modifications; pediatric rehabilitation; secondary conditions associated with chronic disabilities; improved diagnosis, assessment, and outcome measures; and development of orthotics, prosthetics, and other assistive technologies and devices. The NCMRR ECR Award supports different types of projects including secondary analysis of existing data; small, self-contained research projects; development of research methodology; translational research; outcomes research; and development of new technology. Irrespective of the type of project, the intent of the NCMRR ECR Award is for the Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) to obtain sufficient preliminary data for a subsequent R01 application.	361
https://grants.nih.gov/grants/guide/pa-files/PAR-17-161.html			
National Institutes of Health Deadline 4/11/2018	Health Services Research on Minority Health and Health Disparities (R01) PAR-16-221; (R21) PAR-16-222	Research encouraged under this FOA includes examination of health care services in health care systems—such as private and public health insurance plans; physician groups; hospitals, nursing homes and assisted living facilities; academic medical centers; integrated delivery systems; and criminal justice settings. Projects may address health services pertaining to the treatment of particular health conditions, multiple health conditions, specific segments of the population, or more general indicators (e.g., access to primary care services, etc.) that may not be condition-specific. Projects may include observational/descriptive, simulation, or interventional studies and may involve primary data collection and/or secondary analysis of existing datasets. It is expected that all projects will involve the use of relevant health system-level data in some way.	87

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institute of Child Health and Human Development	NICHD Research Education Programs (R25)	<p>The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NICHD R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development, which are encouraged to include hands-on research experiences. This FOA encourages applications to develop and conduct short-term research education programs to improve the knowledge and research skills of biomedical and behavioral scientists conducting research in areas relevant to the mission of NICHD, including reproductive, developmental, behavioral, social, and rehabilitative processes that determine the health and well-being of newborns, infants, children, adults, families, and populations. Educational programs that involve centralized activities or partnerships across institutions are encouraged. The audience for the educational program may include individuals from the upper undergraduate to the Assistant Professor level. Proposed research education programs submitted to this FOA are expected to be designed for, and available to, a broad audience. Programs comprising for-credit courses that are primarily aimed at students or participants at a single institution are not within the scope of this program. The budget is limited to \$150,000 in direct costs per year for a maximum of five years.</p>	318
<p>Deadline 5 /25/2018</p>			
<p>https://grants.nih.gov/grants/guide/pa-files/PAR-17-183.html</p>			

National Institutes of Health	Research on Chronic Overlapping Pain Conditions	<p>The purpose of this Funding Opportunity Announcement (FOA) is to encourage epidemiological, clinical and translational research that will increase our understanding of the natural history, prevalence, biological mechanisms, psychological variables, and clinical risk factors responsible for the presence of multiple chronic pain conditions in people with pain. Recent clinical findings suggest that substantial overlap may exist between chronic pain conditions. Individuals diagnosed with one disorder often exhibit characteristics of additional chronic painful conditions or transition to other diagnostic categories. A better understanding is needed of the prevalence of overlapping pain conditions, the underlying etiologies, the progression of these conditions, the evolution of these overlaps, and the therapeutic approaches best suited for treating subjects with these conditions. The main objective of this FOA is the formation of research groups with interests bridging expertise in pain mechanisms with translational and clinical expertise to address important unresolved questions about overlapping pain conditions. Applicants are encouraged to leverage existing and develop new resources pertinent to the study of these conditions. Applicants are encouraged to include researchers with complementary expertise from outside the pain field in their research teams who will enhance the breadth of research and understanding of comorbid chronic pain conditions.</p>	381
<p>Deadline 9 /8 /2017</p>			

<https://grants.nih.gov/grants/guide/pa-files/PA-14-243.html>

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institute on Deafness and Other Communication Disorders	Advancing Research in Voice Disorders	This continuing opportunity seeks research projects that are focused on advancing knowledge of the human larynx and human voice production in health and disease and optimal ways to prevent, evaluate, diagnose and clinically manage voice disorders.	130
<p>Deadline 9 /8 /2017</p> <p>http://grants.nih.gov/grants/guide/pa-files/PA-14-236.html</p>			
National Institute on Deafness and Other Communication Disorders	Advancing Research in Voice Disorders (R21)	This continuing opportunity seeks research projects that are focused on advancing knowledge of the human larynx and human voice production in health and disease and optimal ways to prevent, evaluate, diagnose and clinically manage voice disorders.	289
<p>Deadline 9 /8 /2017</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-14-235.html</p>			
National Institutes of Health	Research on Chronic Overlapping Pain Conditions	The purpose of this Funding Opportunity Announcement (FOA) is to encourage epidemiological, clinical and translational research that will increase our understanding of the natural history, prevalence, biological mechanisms, psychological variables, and clinical risk factors responsible for the presence of multiple chronic pain conditions in people with pain. Recent clinical findings suggest that substantial overlap may exist between chronic pain conditions. Individuals diagnosed with one disorder often exhibit characteristics of additional chronic painful conditions or transition to other diagnostic categories. A better understanding is needed of the prevalence of overlapping pain conditions, the underlying etiologies, the progression of these conditions, the evolution of these overlaps, and the therapeutic approaches best suited for treating subjects with these conditions. The main objective of this FOA is the formation of research groups with interests bridging expertise in pain mechanisms with translational and clinical expertise to address important unresolved questions about overlapping pain conditions. Applicants are encouraged to leverage existing and develop new resources pertinent to the study of these conditions. Applicants are encouraged to include researchers with complementary expertise from outside the pain field in their research teams who will enhance the breadth of research and understanding of comorbid chronic pain conditions.	382
<p>Deadline 9 /8 /2017</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-14-243.html</p>			
National Institute on Deafness and Other Communication Disorders	NIDCD Phase I/II/III Clinical Trials in Communication Disorders (U01)	This announcement is part of the NIDCD's clinical research program in communication disorders (hearing, balance, taste, smell, voice, speech and language) with the goal of producing research findings that have significant clinical use and public health impact through the design and implementation of phase III clinical trials. Phase I and II clinical trials provide data that are necessary to address core scientific, design, and clinical issues prior to the conduct of the phase III clinical trial. NIDCD no longer accepts two paired applications for the Clinical Coordinating Center and Data Coordinating Center.	302
<p>Deadline 10/11/2017</p> <p>https://grants.nih.gov/grants/guide/pa-files/PAR-15-116.html</p>			

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institute of Nursing Research	Community Partnerships to Advance Research (CPAR) (R21)	This funding opportunity announcement (FOA) encourages researchers to partner with communities using Community Engaged Research (CEnR) methodologies that will enhance relationships leading to better interventions and positive health outcomes. Research Objectives To partner with a community entity on health issues that is of mutual concern, such as but not limited to: Interventions/programs for health promotion/prevention Interventions/programs leading to self-management in chronic conditions Programs that target self or symptom management Examine ways to enhance or implement sustainable health programs in community settings	365
Deadline	1 /8 /2018		
https://grants.nih.gov/grants/guide/pa-files/PA-14-141.html			
National Institutes of Health	Midcareer Investigator Award in Patient-Oriented Research	The purpose of the NIH Midcareer Investigator Award in Patient-Oriented Research (K24) is to provide support to mid-career health-professional doctorates or equivalent who are typically at the Associate Professor level or the equivalent (see Section III. Eligible Individuals) for protected time to devote to patient-oriented research (POR) and to act as research mentors primarily for clinical residents, clinical fellows and/or junior clinical faculty. Prospective candidates are encouraged to contact the relevant NIH staff for IC-specific programmatic and budgetary information: Table of IC-Specific Information, Requirements and Staff Contacts.	71
Deadline	1 /8 /2018		
http://grants.nih.gov/grants/guide/pa-files/PA-16-206.html			
National Institute of Nursing Research	A Family-Centered Self-Management of Chronic Conditions	This funding opportunity announcement seeks to build the science of family-centered self-management (FCSM) in chronic conditions	386
Deadline	1 /8 /2018		
https://grants.nih.gov/grants/guide/pa-files/PA-14-112.html			
National Institute of Nursing Research	Community Partnerships to Advance Research (CPAR) (R01)	This funding opportunity announcement (FOA) encourages researchers to partner with communities using Community Engaged Research (CEnR) methodologies that will enhance relationships leading to better interventions and positive health outcomes. Research Objectives To partner with a community entity on health issues that is of mutual concern, such as but not limited to: Interventions/programs for health promotion/prevention Interventions/programs leading to self-management in chronic conditions Programs that target self or symptom management Examine ways to enhance or implement sustainable health programs in community settings	364
Deadline	1 /8 /2018		
https://grants.nih.gov/grants/guide/pa-files/PA-14-142.html			

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institute of Nursing Research Deadline 1 /8 /2018	A Family-Centered Self-Management of Chronic Conditions (R01)	<p>This funding opportunity announcement seeks to build the science of family-centered self-management (FCSM) in chronic conditions.</p> <p>NINR encourages research that builds the science of family-centered self-management (FCSM) in chronic conditions. Examples of approaches to this opportunity are as follows but are not limited to:</p> <p>Develop and test FCSM interventions that promote family equilibrium for individuals with chronic conditions as well as when multiple family members have chronic conditions and are at risk of exacerbation of their illness. Examples may include community interventions or programs around a built environment</p> <p>Develop innovative research designs to determine which FCSM interventions are most efficient to include variability across developmental life stages and who will benefit most. Examples of innovative designs may include using a multiphase optimization strategy (MOST) when applied to self- management studies. This design leads to identification of a likely best intervention that can be evaluated at optimal levels, through an iterative process. Another example may be using a Multiple Assignment Randomized Trial (SMART) or pragmatic design that would facilitate high-quality data that can be used to construct adaptive interventions. Methodological designs such as SMART and MOST could be adapted to family-centered self-management research prevention and management programs; since these designs are practical, innovative, and hold promise for producing more effective interventions</p> <p>Incorporate novel technologies for individual and family members to facilitate FCSM such as: monitoring symptom status, promoting health behavioral modifications and accessing/imparting health information</p> <p>Determine effective methods for dissemination of FCSM interventions into practice</p> <p>Develop outcome measures (short and long term) to assess effectiveness of FCSM interventions</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-14-112.html</p>	360

National Institute of Nursing Research Deadline 1 /8 /2018	Community Partnerships to Advance Research (CPAR)	<p>This funding opportunity announcement (FOA) encourages researchers to partner with communities using Community Engaged Research (CEnR) methodologies that will enhance relationships leading to better interventions and positive health outcomes.</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-14-142.html</p>	385
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Sponsor	Name of Program	Brief Description	Opportunity ID
<p>National Institutes of Health</p> <p>Deadline 1 /8 /2018</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-14-181.html</p>	<p>mHealth Tools for Individuals with Chronic Conditions to Promote Effective Patient-Provider Communication,</p>	<p>The purpose of this initiative is to stimulate research utilizing Mobile Health (mHealth) tools aimed at the improvement of effective patient-provider communication, adherence to treatment and self-management of chronic diseases in underserved populations. With the rapid expansion of cellular networks and substantial advancements in Smartphone technologies, it is now possible - and affordable - to transmit patient data digitally from remote areas to specialists in urban areas, receive real-time feedback, and capture that consultation in a database. These mHealth tools, therefore, may facilitate more timely and effective patient-provider communication through education communication around goal setting, treatment reminders, feedback on patient progress and may improve health outcomes. This announcement encourages the development, testing and comparative effective analysis of interventions utilizing mHealth technologies. There is also an interest in studying mHealth technologies in underserved populations.</p>	<p>363</p>
<p>National Institutes of Health</p> <p>Deadline 5 /8 /2018</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-15-163.html</p>	<p>Exploratory/Developmental Clinical Research Grants in Obesity</p>	<p>This Funding Opportunity Announcement (FOA) encourages research grant applications from institutions/organizations that propose to conduct exploratory/developmental clinical studies that will accelerate the development of effective interventions for prevention or treatment of overweight or obesity in adults and/or children. Exploratory epidemiological research with a goal of informing translational/clinical research will also be supported within this program.</p>	<p>383</p>
<p>National Institutes of Health</p> <p>Deadline 7 /6 /2018</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-14-291.html</p>	<p>AHRQ Health Services Research Projects (R01)</p>	<p>This FOA solicits Large Research (R01) Project applications. The Research Project Grant (R01) is an award made by AHRQ to an institution/organization to support a discrete, specified health services research project. The R01 research plan proposed by the applicant institution/organization must be related to the mission and portfolio priority research interests of AHRQ. Although the PD/PI writes the grant application and is responsible for conducting and supervising the research, the actual applicant is the research institution/organization.</p> <p>The AHRQ mission is to produce evidence to make health care safer, higher quality, more accessible, equitable and affordable, and to work with HHS and other partners to make sure that the evidence is understood and used. Within the mission, AHRQ's specific priority areas of focus are:</p> <ul style="list-style-type: none"> Improve health care quality by accelerating implementation of Patient Centered Outcomes Research (PCOR) Make health care safer Increase accessibility by evaluating expansions of insurance coverage Improve health care affordability, efficiency and cost transparency 	<p>332</p>

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institutes of Health Deadline 9 /8 /2018	Diet and Physical Activity Assessment Methodology	This Funding Opportunity Announcement (FOA) encourages innovative research to enhance the quality of measurements of dietary intake and physical activity. Applications submitted under this FOA are encouraged to include development of: novel assessment approaches; better methods to evaluate instruments; assessment tools for culturally diverse populations or various age groups, including children and older adults; improved technology or applications of existing technology; statistical methods/modeling to improve assessment and/or to correct for measurement errors or biases; methods to investigate the multidimensionality of diet and physical activity behavior through pattern analysis; or integrated measurement of diet and physical activity along with the environmental context of such behaviors.	147
http://grants.nih.gov/grants/guide/pa-files/PAR-15-171.html			
National Institute on Deafness and Other Communication Disorders Deadline 10/27/2018	NIDCD Early Career Research (ECR) Award (R21)	The NIDCD Early Career Research (ECR) Award (R21) is intended to support both basic and clinical research from scientists who are beginning to establish an independent research career. The research must be focused on one or more of the areas within the biomedical and behavioral scientific mission of the NIDCD: hearing, balance, smell, taste, voice, speech, or language. The NIDCD ECR Award R21 grant mechanism supports different types of projects including secondary analysis of existing data; small, self-contained research projects; development of research methodology; translational research; outcomes research; and development of new research technology. This award is for the Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) to obtain sufficient preliminary data for a subsequent R01 application. This R21 is different from the typical R21. The award provides \$100,000 per year for a 3-year project period.	280
https://grants.nih.gov/grants/guide/pa-files/PAR-16-057.html			

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institutes of Health	Ruth L. Kirschstein National Research Service Award (NRSA) Short-Term Institutional Research Training Grant	<p>The NRSA program has been the primary means of supporting predoctoral and postdoctoral research training programs. Research training activities can be in basic biomedical or clinical sciences, in behavioral or social sciences, in health services research, or in any other discipline relevant to the NIH mission. Institutional NRSA programs allow the Training Program Director/Principal Investigator (Training PD/PI) to select the trainees and develop a program of coursework, research experiences, and technical and/or professional skills development appropriate for the selected trainees. Each program should provide high-quality research training and offer opportunities in addition to conducting mentored research. The grant offsets the cost of stipends, tuition and fees, and training related expenses, including health insurance, for the appointed trainees in accordance with the approved NIH support levels. The objective of the Ruth L. Kirschstein National Research Service Award Short-Term Institutional Research Training Grant (T35) program is to develop and/or enhance research training opportunities for health professional students and for graduate students in the physical or quantitative sciences interested in careers in biomedical, behavioral and clinical research that are relevant to the NIH mission. The T35 program provides short-term support for a period of at least 8, but no more than 12, weeks in a grant year for full-time training experiences under the supervision of experienced researchers. Trainees are exposed to individuals with active research careers and learn about further research training opportunities and research career options. The training program should be of sufficient depth to enable selected trainees, upon completion of the program, to have a thorough exposure to the principles underlying the conduct of biomedical research.</p>	45
Deadline 1 / 8 / 2019			
http://grants.nih.gov/grants/guide/pa-files/PA-16-151.html			
National Institutes of Health	Mechanisms, Models, Measurement, & Management in Pain Research	<p>The purpose of this Funding Opportunity Announcement (FOA) is to inform the scientific community of the pain research interests of the various Institutes and Centers (ICs) at the National Institutes of Health (NIH) and to stimulate and foster a wide range of basic, clinical, and translational studies on pain as they relate to the missions of these ICs. New advances are needed in every area of pain research, from the micro perspective of molecular sciences to the macro perspective of behavioral and social sciences. Although great strides have been made in some areas, such as the identification of neural pathways of pain, the experience of pain and the challenge of treatment have remained uniquely individual and unsolved. Furthermore, our understanding of how and why individuals transition to a chronic pain state after an acute injury is limited. Research to address these issues conducted by interdisciplinary and multidisciplinary research teams is strongly encouraged, as is research from underrepresented, minority, disabled, or women investigators.</p>	72
Deadline 5 / 8 / 2019			
http://grants.nih.gov/grants/guide/pa-files/PA-16-188.html			

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institutes of Health	Diet and Physical Activity Assessment Methodology (R01) PA-16-167; (R21) PA-15-171	This Funding Opportunity Announcement (FOA) encourages innovative research to enhance the quality of measurements of dietary intake and physical activity. Applications submitted under this FOA are encouraged to include development of: novel assessment approaches; better methods to evaluate instruments; assessment tools for culturally diverse populations or various age groups, including children and older adults; improved technology or applications of existing technology; statistical methods/modeling to improve assessment and/or to correct for measurement errors or biases; methods to investigate the multidimensionality of diet and physical activity behavior through pattern analysis; or integrated measurement of diet and physical activity along with the environmental context of such behaviors.	145
Deadline	5 /8 /2019		
	http://grants.nih.gov/grants/guide/pa-files/PA-16-167.html		
National Institutes of Health	Mechanisms, Models, Measurement, & Management in Pain Research	The purpose of this Funding Opportunity Announcement (FOA) is to inform the scientific community of the pain research interests of the various Institutes and Centers (ICs) at the National Institutes of Health (NIH) and to stimulate and foster a wide range of basic, clinical, and translational studies on pain as they relate to the missions of these ICs. New advances are needed in every area of pain research, from the micro perspective of molecular sciences to the macro perspective of behavioral and social sciences. Although great strides have been made in some areas, such as the identification of neural pathways of pain, the experience of pain and the challenge of treatment have remained uniquely individual and unsolved. Furthermore, our understanding of how and why individuals transition to a chronic pain state after an acute injury is limited. Research to address these issues conducted by interdisciplinary and multidisciplinary research teams is strongly encouraged, as is research from underrepresented, minority, disabled, or women investigators.	146
Deadline	5 /8 /2019		
	http://grants.nih.gov/grants/guide/pa-files/PA-16-187.html		
National Institutes of Health	NIH Exploratory/Developmental Research Grant Program (Parent R21)		172
Deadline	5 /8 /2019		
	http://grants.nih.gov/grants/guide/pa-files/PA-16-161.html		
National Institutes of Health	Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)	The purpose of the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32) is to support promising applicants during their mentored postdoctoral training under the guidance of outstanding faculty sponsors. The integrated program of research and training should enhance the individual's potential to develop into a productive, independent researcher. The training plan should document the need for, and the anticipated value of, the proposed mentored training in relationship to the individual's research career goals. The training plan should also facilitate the fellow's transition to the next stage of his/her career.	322
Deadline	5 /8 /2019		
	https://grants.nih.gov/grants/guide/pa-files/PA-16-307.html		

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institutes of Health	NIH Research Project Grant (Parent R01)	The NIH Research Project Grant supports a discrete, specified, circumscribed project in areas representing the specific interests and competencies of the investigator(s). The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions.	1
Deadline 5 /8 /2019			
		http://grants.nih.gov/grants/guide/pa-files/PA-16-160.html	
National Institutes of Health	Mechanisms Mediating Osteoarthritis in Aging	This Funding Opportunity Announcement (FOA) invites applications on research employing genetically defined and/or modified mouse models, other animal models such as dogs and monkeys, or archived human joint tissues to explore the biological mechanisms underlying the initiation and progression of osteoarthritis. Suggested research topics may include, but are not limited to: Molecular characterization of disease pathology phenotypes of animal models exhibiting joint degeneration; Identification of downstream effectors in pathways mediating effects of gene inactivation or transgene expression in genetically modified mice exhibiting joint degeneration; The role of the aging immune system in the initiation of OA. Understanding the age-related changes in metabolism that facilitate the initiation and/or progression of OA; Identification of molecular mechanisms by which physical activity may ameliorate OA symptoms; Mapping of genetic loci linked to joint degeneration in inbred mouse strains; Characterization of changes at the chondro-osseous junction that precede or accompany degradation of the articular surface in mouse models; Testing of models of joint degeneration by specific antagonizing biological functions, using anti-sense, dominant-negative, miRNA, lncRNA or RNAi approaches;	104
Deadline 9 /8 /2019			
		http://grants.nih.gov/grants/guide/pa-files/PA-16-239.html	
National Institutes of Health	Mechanisms Mediating Osteoarthritis in Aging	This Funding Opportunity Announcement (FOA) invites applications on research employing genetically defined and/or modified mouse models, other animal models such as dogs and monkeys, or archived human joint tissues to explore the biological mechanisms underlying the initiation and progression of osteoarthritis. Suggested research topics may include, but are not limited to: Molecular characterization of disease pathology phenotypes of animal models exhibiting joint degeneration; Identification of downstream effectors in pathways mediating effects of gene inactivation or transgene expression in genetically modified mice exhibiting joint degeneration; The role of the aging immune system in the initiation of OA. Understanding the age-related changes in metabolism that facilitate the initiation and/or progression of OA; Identification of molecular mechanisms by which physical activity may ameliorate OA symptoms; Mapping of genetic loci linked to joint degeneration in inbred mouse strains; Characterization of changes at the chondro-osseous junction that precede or accompany degradation of the articular surface in mouse models; Testing of models of joint degeneration by specific antagonizing biological functions, using anti-sense, dominant-negative, miRNA, lncRNA or RNAi approaches;	149
Deadline 9 /8 /2019			
		http://grants.nih.gov/grants/guide/pa-files/PA-16-239.html	

Sponsor	Name of Program	Brief Description	Opportunity ID
<p>National Institutes of Health</p> <p>Deadline 1 /7 /2020</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-17-010.html</p>	<p>Use of Technology to Enhance Patient Outcomes and Prevent Illness (R01, R21)</p>	<p>This Funding Opportunity Announcement (FOA) seeks clinical research focused on the development and utilization of technologies that can help address patient outcomes. Relevant areas of technology include remote healthcare delivery to patients via telehealth, robotics to enhance medication adherence, on-site (e.g., clinical or home setting) care delivery, mobile health to increase access and adherence, web-based decision support tools, and others. Research projects may focus on assessment, diagnosis, intervention development, or intervention implementation. Research projects that a) incorporate emerging and cutting edge technologies to explain and predict patient trajectories, b) inform interventions, c) support real-time clinical decision making, and d) facilitate effective long-term management of chronic illness are especially needed. Critical to this FOA, proposed research should identify specific patient outcomes expected to improve from technological approaches. The specific tools or interventions proposed should clearly indicate how they will enhance patient benefits in environments, such as clinical settings, and/or in the home and community.</p>	<p>216</p>
<p>National Institutes of Health</p> <p>Deadline 1 /8 /2020</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-17-012.html</p>	<p>Self-Management Interventions and Technologies to Sustain Health and Optimize Functional Capabilities</p>	<p>This Funding Opportunity Announcement (FOA) seeks clinical research on self-management interventions and technologies that improve health and quality of life in persons needing assistance to optimize and maintain existing functional capabilities, prevent/delay disabilities and navigate their environment. The research focus encompasses maintenance/restorative care that can be tailored to individuals existing functional abilities and interests and is intended to enhance physical, sensory, motor, and mental capabilities. Of particular interest is research designed to maintain functional capabilities in such conditions as cardiac and respiratory insufficiency, movement impairment associated with arthritis, chronic back pain, stroke, and other physical or cognitive disabilities.</p> <p>Research projects of interest include those that seek to:</p> <ul style="list-style-type: none"> Develop self-management approaches that can sustain health and improve quality of life for persons with functional limitations Identify technologies for self-management (e.g., telemedicine, mobile or web-based communications) that sustain and maintain functional capabilities and support independence for persons with functional limitations Design tailored self-management interventions appropriate to age, race, socioeconomic background, and cultural characteristics of individuals with functional limitations Develop self-management approaches that are common to more than one chronic condition and associated functional limitation <p>Interdisciplinary collaborations that include nurse scientists in the project team are strongly encouraged. Additionally, applicants should consider engaging the resources and expertise of nearby or otherwise available Clinical and Translational Science Award grant sites (CTSAs) and/or federally funded research centers where possible.</p>	<p>217</p>

Sponsor	Name of Program	Brief Description	Opportunity ID
<p>National Institute on Deafness and Other Communication Disorders</p> <p>Deadline 3 /5 /2020</p> <p>https://grants.nih.gov/grants/guide/pa-files/PA-17-202.html</p>	<p>Hearing Health Care for Adults: Improving Access and Affordability (R01)</p>	<p>This FOA encourages on hearing loss and hearing health care in adults in support of improving access and affordability. Further research is needed to strengthen the evidence base with a goal of delivering better hearing health care outcomes in adults. Research Objectives: Appropriate studies may include, but are not limited to, the following: Population Based Studies, Innovative Models, Technologies, and Collaborative and Interdisciplinary Research. Research interaction and collaboration among the many relevant parties (e.g., researchers, service providers, patient-advocacy organizations, professional organizations, and industry) is encouraged. Community-based participatory research is encouraged.</p>	<p>329</p>
<p>National Institutes of Health</p> <p>Deadline 5 /8 /2020</p> <p>http://grants.nih.gov/grants/guide/pa-files/PA-17-073.html</p>	<p>Potential Effects of Metformin on Aging and Age-Related Conditions: Small-Scale Clinical Studies and Secondary</p>	<p>Data from clinical studies of metformin in a variety of patient populations suggest that it may have other effects, besides being an antihyperglycemic agent, which warrant further attention in translational aging research. The objective of this FOA is to support research projects (R01), including small-scale physiologic studies in humans or secondary analyses of data and/or stored biospecimens from controlled clinical intervention studies, to increase our understanding of the clinical translational potential of metformin to delay deleterious aging changes or to extend healthy human life span. This includes identification of specific populations particularly likely to benefit from treatment, and/or obtaining information on metformin's human physiologic and cellular effects that would be useful in identifying novel molecular targets.</p>	<p>232</p>
<p>National Institutes of Health</p> <p>Deadline 5 /8 /2020</p> <p>http://grants.nih.gov/grants/guide/pa-files/PA-17-062.html</p>	<p>Promoting Caregiver Health Using Self-Management (R01)</p>	<p>Research projects of interest include those that seek to:</p> <ul style="list-style-type: none"> • Design culturally-tailored interventions to help caregivers leverage supports, manage burdens, stress, and other negative outcomes to maximize healthy behaviors and QOL using self-management • Develop culturally-sensitive tools using self-management and technology to improve caregivers' skills, knowledge, and access to resources, services, and social support to promote caregiver health • Identify biomarkers to help predict when caregivers are at high risk for poor health that can be addressed through self-management • Identify self-management interventions at different transitions in the caregiving that address the challenges, barriers, and unique situations related to caregiver's age, gender, or socioeconomic status and promote caregiver health • Identify what interventions are efficacious and effective for self-management of caregivers across chronic conditions • Identify mechanism of action of self-management interventions that work to affect caregiver health outcomes 	<p>236</p>

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institutes of Health Deadline 5 /8 /2020	Reducing Health Disparities Among Minority and Underserved Children (R01)	This initiative encourages research that targets the reduction of health disparities among children. Investing in early childhood development is essential. Specific targeted areas of research include bio-behavioral studies that incorporate multiple factors that influence child health disparities such as biological (e.g., genetics, cellular, organ systems), lifestyle factors, environmental (e.g., physical and family environments) social (e.g., peers), economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known health condition and/or disability; and studies that test, evaluate, translate, and disseminate health promotion prevention and interventions conducted in traditional and non -traditional settings.	275
https://grants.nih.gov/grants/guide/pa-files/PA-17-118.html			
National Institutes of Health Deadline 5 /8 /2020	Reducing Health Disparities Among Minority and Underserved Children (R21)	This initiative encourages research that targets the reduction of health disparities among children. Investing in early childhood development is essential. Specific targeted areas of research include bio-behavioral studies that incorporate multiple factors that influence child health disparities such as biological (e.g., genetics, cellular, organ systems), lifestyle factors, environmental (e.g., physical and family environments) social (e.g., peers), economic, institutional, and cultural and family influences; studies that target the specific health promotion needs of children with a known health condition and/or disability; and studies that test, evaluate, translate, and disseminate health promotion prevention and interventions conducted in traditional and non -traditional settings.	276
https://grants.nih.gov/grants/guide/pa-files/PA-17-117.html			

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institute on Deafness and Other Communication Disorders	Improving Outcomes for Disorders of Human Communication (R01)	<p>This FOA seeks to encourage effectiveness and health services research for improved outcomes in the prevention and treatment of disorders of hearing, balance, smell, taste, voice, speech and language. This FOA responds to the strategic goal (National Strategic Research Plan, 2017-21): Improving Outcomes for Human Communication. This goal seeks to accelerate the translation of research discoveries into practice, to increase access to health care, and to enhance the delivery, quality and effectiveness of care, with the goal of improving personal and public health. Specific areas of interest include:</p> <ul style="list-style-type: none"> * Identifying patient and provider variables that predict patient satisfaction and improved outcomes for adults with communication disorders, including quality of life and psychosocial adjustment; * Identifying patient or system factors that influence health care utilization, including patient motivation and perceived need; * Determining the potential costs and impact of insufficient care (untreated or under-treated) on real world function and outcomes, including quality of life, depression, and community engagement; * Investigating the value and effectiveness of current treatments for communication disorders on real world function and outcomes; * Evaluating the relation between the system of care and outcomes for individuals with communication disorders; * Determining the cost-effectiveness as it relates to health outcome of an intervention for a particular communication disorder; * Investigating the role of patient, family and community engagement on outcomes; * Investigating the value of differing service delivery models for communication disorders (e.g., multidisciplinary management teams vs. single practitioner models) on outcomes; * Examining the impact of the delivery of services on the cost, access, and patient utilization of care; * Evaluating innovative delivery systems (i.e., telehealth, internet, and emerging technologies) and various delivery models (e.g., group or family); * Evaluating the effectiveness of the provision of services and outcomes for patients with multiple chronic disabilities and conditions (e.g., complex needs); * Examining adherence, compliance, decision-making, or patient education; and Investigating ways to promote equity and reduce or eliminate health disparities/inequities in treatment services for individuals with communication disorders. 	294

Deadline 5 /8 /2020

<https://grants.nih.gov/grants/guide/pa-files/PA-17-139.html>

Sponsor	Name of Program	Brief Description	Opportunity ID
National Institute on Deafness and Other Communication Disorders	Improving Outcomes for Disorders of Human Communication (R21)	<p>This FOA seeks to encourage effectiveness and health services research for improved outcomes in the prevention and treatment of disorders of hearing, balance, smell, taste, voice, speech and language. This FOA responds to the strategic goal (National Strategic Research Plan, 2017-21): Improving Outcomes for Human Communication. This goal seeks to accelerate the translation of research discoveries into practice, to increase access to health care, and to enhance the delivery, quality and effectiveness of care, with the goal of improving personal and public health. Specific areas of interest include:</p> <ul style="list-style-type: none"> * Identifying patient and provider variables that predict patient satisfaction and improved outcomes for adults with communication disorders, including quality of life and psychosocial adjustment; * Identifying patient or system factors that influence health care utilization, including patient motivation and perceived need; * Determining the potential costs and impact of insufficient care (untreated or under-treated) on real world function and outcomes, including quality of life, depression, and community engagement; * Investigating the value and effectiveness of current treatments for communication disorders on real world function and outcomes; * Evaluating the relation between the system of care and outcomes for individuals with communication disorders; * Determining the cost-effectiveness as it relates to health outcome of an intervention for a particular communication disorder; * Investigating the role of patient, family and community engagement on outcomes; * Investigating the value of differing service delivery models for communication disorders (e.g., multidisciplinary management teams vs. single practitioner models) on outcomes; * Examining the impact of the delivery of services on the cost, access, and patient utilization of care; * Evaluating innovative delivery systems (i.e., telehealth, internet, and emerging technologies) and various delivery models (e.g., group or family); * Evaluating the effectiveness of the provision of services and outcomes for patients with multiple chronic disabilities and conditions (e.g., complex needs); * Examining adherence, compliance, decision-making, or patient education; and <p>Investigating ways to promote equity and reduce or eliminate health disparities/inequities in treatment services for individuals with communication disorders.</p>	295
Deadline 5 /8 /2020			
https://grants.nih.gov/grants/guide/pa-files/PA-17-140.html			
Total Number of Opportunitie		42	