

A comprehensive listing of all NIH activity codes that generally require applicants to submit a Data Management and Sharing Plan.

Program Code	Activity Code	Category	Title	Description	DMS Plan Requirement
D	DP1	Institutional Training and Director Program Projects	NIH Director's Pioneer Award (NDPA)	To support individuals who have the potential to make extraordinary contributions to medical research. The NIH Director's Pioneer Award is not renewable.	Y
D	DP2	Institutional Training and Director Program Projects	NIH Director's New Innovator Awards	To support highly innovative research projects by new investigators in all areas of biomedical and behavioral research.	Y
D	DP3	Institutional Training and Director Program Projects	Type 1 Diabetes Targeted Research Award	To support research tackling major challenges in type 1 diabetes and promoting new approaches to these challenges by scientific teams.	Y
D	DP4	Institutional Training and Director Program Projects	NIH Director's Pathfinder Award - Multi-Yr Funding	To support multi-year funded research with unique, high impact ideas for addressing biomedical research including assuring a balanced and effective workforce. This research grant program will encourage exceptionally creative scientists to develop potentially transforming approaches for supported research. The proposed research must reflect ideas that are substantially different from those already being pursued or they must apply existing research designs in new and innovative ways. This is a multi-year, funded companion activity code to the existing Pioneer Award (DP1); thus ICs need OER prior approval to use the DP4.	Y
D	DP5	Institutional Training and Director Program Projects	Early Independence Award	To support the independent research project of a recent doctoral degree recipient. This research grant program will encourage exceptionally creative scientists to bypass the typical post-doc research training period in order to move rapidly to research independence. It will encourage institutions to develop independent career tracks for recent graduates in order to demonstrate the benefits of early transition to independence both in terms of career productivity for the candidate and research capability for the institution.	Y
E	E11	Health Professions Programs	Grants for Public Health Special Projects	To provide grants to public or nonprofit organizations for planning, development, demonstration, research, training, public information projects for preventive medicine, health promotion and disease prevention to improve the health of targeted populations.	Y
K	K00	Research Career Programs	Post-doctoral Transition Award	To support the second phase of a Pre-Doctoral to Post-Doctoral Transition award program that provides 3-4 years of career support. Note: The K00 Post-doctoral Transition Award is anticipated to only be used in conjunction with the F99 Pre-Doctoral Award.	Y
K	K01	Research Career Programs	Research Scientist Development Award - Research & Training	For support of a scientist, committed to research, in need of both advanced research training and additional experience.	Y
K	K02	Research Career Programs	Research Scientist Development Award - Research	For support of a scientist, committed to research, in need of additional experience.	Y
K	K05	Research Career Programs	Research Scientist Award	For the support of a research scientist qualified to pursue independent research which would extend the research program of the sponsoring institution, or to direct an essential part of this research program.	Y
K	K06	Research Career Programs	Research Career Awards	To enable institutions to finance positions favorable to the intellectual growth and research productivity of established investigators of high competence for the duration of their careers.	Y
K	K07	Research Career Programs	Academic/Teacher Award (ATA)	To create and encourage a stimulating approach to disease curricula that will attract high quality students, foster academic career development of promising young teacher-investigators, develop and implement excellent multidisciplinary curricula through interchange of ideas and enable the grantee institution to strengthen its existing teaching program.	Y

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K	K08	Research Career Programs	Clinical Investigator Award (CIA)	To provide the opportunity for promising medical scientists with demonstrated aptitude to develop into independent investigators, or for faculty members to pursue research aspects of categorical areas applicable to the awarding unit, and aid in filling the academic faculty gap in these shortage areas within health profession's institutions of the country.	Y
K	K14	Research Career Programs	Minority School Faculty Development Awards	To encourage the development of faculty investigators at minority schools and to enhance their research capabilities in specified health and health related areas.	Y
K	K18	Research Career Programs	The Career Enhancement Award	Provides either full-time or part-time support for experienced scientists who wish to broaden their scientific capabilities or to make changes in their research careers by acquiring new research skills or knowledge. Career enhancement experiences supported by this award should usually last no more than one year.	Y
K	K21	Research Career Programs	Scientist Development Award	To foster the development of outstanding scientists with potential for making important contributions to the fields of alcoholism, drug abuse or mental health (ADM) research. Primarily intended to meet the need for supervised research experience for highly promising biological or behavioral scientists who need further supervised research experience.	Y
K	K22	Research Career Programs	Career Transition Award	To provide support to outstanding newly trained basic or clinical investigators to develop their independent research skills through a two phase program; an initial period involving and intramural appointment at the NIH and a final period of support at an extramural institution. The award is intended to facilitate the establishment of a record of independent research by the investigator in order to sustain or promote a successful research career.	Y
K	K23	Research Career Programs	Mentored Patient-Oriented Research Career Development Award	To provide support for the career development of investigators who have made a commitment to focus their research endeavors on patient-oriented research. This mechanism provides support for a 3 year minimum up to 5 year period of supervised study and research for clinically trained professionals who have the potential to develop into productive, clinical investigators.	Y
K	K24	Research Career Programs	Midcareer Investigator Award in Patient-Oriented Research	To provide support for the clinicians to allow them protected time to devote to patient-oriented research and to act as mentors for beginning clinical investigators.	Y
K	K25	Research Career Programs	Mentored Quantitative Research Career Development Award	To engender and foster such activities by supporting the career development of investigators with quantitative scientific and engineering backgrounds outside of biology or medicine who have made a commitment to focus their research endeavors on behavioral and biomedical research (basic or clinical). This mechanism is aimed at research-oriented scientists with experience at the level of junior faculty (e.g., early to mid-levels of assistant professor or research assistant professor ranks). This award provides support for a period of mentored study and research for professionals with such backgrounds who have the potential to integrate their expertise with biomedicine and develop into productive investigators. Examples of quantitative scientific and technical backgrounds outside of biology or medicine considered appropriate for this award include, but are not limited to: mathematics, statistics, computer science, informatics, physics, chemistry, and engineering.	Y
K	K26	Research Career Programs	Midcareer Investigator Award in Biomedical and Behavioral Research	The purpose of the Midcareer Investigator Award in Biomedical and Behavioral Research is to provide grant support for biomedical and behavioral scientists to allow them protected time to devote to their research and mentoring.	Y

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K	K30	Research Career Programs	Clinical Research Curriculum Award (CRCA)	The CRCA is an award to institutions and is intended to stimulate the inclusion of high-quality, multi-disciplinary didactic training as part of the career development of clinical investigators. This award is intended to support the development of new didactic programs in clinical research at institutions that do not currently offer such programs or, in institutions with existing didactic programs in clinical research to support or expand their programs or to improve the quality of instruction.	Y
K	K38	Research Career Programs	Early Stage Mentored Research and Career Development	To provide the opportunity for postdoctoral health professionals to engage in research and career development in categorical areas applicable to the awarding unit.	Y
K	K43	Research Career Programs	International Research Career Development Award	For support of a Low- or Middle-Income Country scientist, committed to research at a Low- or Middle-Income Country institution, in need of career development and additional mentored research experience.	Y
K	K76	Research Career Programs	Emerging Leaders Career Development Award	To advance the development of physician-scientists prepared to take an active role in addressing both present and future challenges of a global biomedical research enterprise as relevant to their field of expertise.	Y
K	K99	Research Career Programs	Career Transition Award	To support the initial phase of a Career/Research Transition award program that provides 1-2 years of mentored support for highly motivated, advanced postdoctoral research scientists.	Y
K	KD1	Research Career Programs	Mental Health and/or Substance Abuse KD&A Grants	To provide support to develop new knowledge about ways to improve the prevention and/or treatment of substance abuse and/or mental illness, and to work with State and local governments as well as providers, families, and consumers to apply that knowledge effectively in everyday practice. Outcome measures are the heart and core of the KD&A program. KD&As do not provide operating funds for service programs, except as required by the knowledge development activity.	Y
M	M01	General Clinical Research Centers Program	General Clinical Research Centers Program	An award made to an institution solely for the support of a General Clinical Research Center where scientists conduct studies on a wide range of human diseases using the full spectrum of the biomedical sciences. Costs underwritten by these grants include those for renovation, for operational expenses such as staff salaries, equipment, and supplies, and for hospitalization. A General Clinical Research Center is a discrete unit of research beds separated from the general care wards.	Y
P	P01	Research Program Projects and Centers	Research Program Projects	For the support of a broadly based, multidisciplinary, often long-term research program which has a specific major objective or a basic theme. A program project generally involves the organized efforts of relatively large groups, members of which are conducting research projects designed to elucidate the various aspects or components of this objective. Each research project is usually under the leadership of an established investigator. The grant can provide support for certain basic resources used by these groups in the program, including clinical components, the sharing of which facilitates the total research effort. A program project is directed toward a range of problems having a central research focus, in contrast to the usually narrower thrust of the traditional research project. Each project supported through this mechanism should contribute or be directly related to the common theme of the total research effort. These scientifically meritorious projects should demonstrate an essential element of unity and interdependence, i.e., a system of research activities and projects directed toward a well-defined research program goal.	Y

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P	P20	Research Program Projects and Centers	Exploratory Grants	To support planning for new programs, expansion or modification of existing resources, and feasibility studies to explore various approaches to the development of interdisciplinary programs that offer potential solutions to problems of special significance to the mission of the NIH. These exploratory studies may lead to specialized or comprehensive centers.	Y
P	P2C	Research Program Projects and Centers	Resource-Related Research Multi-Component Projects and Centers	To support multi-component research resource projects and centers that will enhance the capability of resources to serve biomedical research.	Y
P	P30	Research Program Projects and Centers	Center Core Grants	To support shared resources and facilities for categorical research by a number of investigators from different disciplines who provide a multidisciplinary approach to a joint research effort or from the same discipline who focus on a common research problem. The core grant is integrated with the center's component projects or program projects, though funded independently from them. This support, by providing more accessible resources, is expected to assure a greater productivity than from the separate projects and program projects.	Y
P	P40	Research Program Projects and Centers	Animal (Mammalian and Nonmammalian) Model, and Animal and Biological Material Resource Grants	To develop and support animal (mammalian and nonmammalian) models, or animal or biological materials resources available to all qualified investigators without regard to the scientific disciplines or disease orientations of their research activities or specifically directed to a categorical program. Nonmammalian resources include nonmammalian vertebrates, invertebrates, cell systems, and nonbiological systems.	Y
P	P41	Research Program Projects and Centers	Biotechnology Resource Grants	To support biotechnology resources available to all qualified investigators without regard to the scientific disciplines or disease orientations of their research activities or specifically directed to a categorical program area.	Y
P	P42	Research Program Projects and Centers	Hazardous Substances Basic Research Grants Program (NIEHS)	To support basic research directed towards understanding and attenuating the public health effects resulting from exposure to hazardous substances, including 1) advanced techniques for detection, assessment and evaluation of the effects on human health of hazardous substances; 2) methods to assess risks to human health presented by hazardous substances; 3) methods and technologies to detect hazardous substances in the environment and 4) basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances. This special program, authorized under Superfund legislation, is for a broadly based, multi-disciplinary research effort which must include biomedical research components and which may include research components related to engineering, hydrogeology, ecology and epidemiology so long as they are linked to basic biomedical science. Each research project is generally under the leadership of an established investigator. The grant can provide support for certain basic resources used by the groups in the program (cores), including an administrative structure for effective coordination.	Y
P	P50	Research Program Projects and Centers	Specialized Center	To support any part of the full range of research and development from very basic to clinical; may involve ancillary supportive activities such as protracted patient care necessary to the primary research or R&D effort. The spectrum of activities comprises a multidisciplinary attack on a specific disease entity or biomedical problem area. These grants differ from program project grants in that they are usually developed in response to an announcement of the programmatic needs of an Institute or Division and subsequently receive continuous attention from its staff. Centers may also serve as regional or national resources for special research purposes.	Y

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P	P51	Research Program Projects and Centers	Primate Research Center Grants	To support centers which include a multidisciplinary and multi-categorical core research program using primate animals and to maintain a large and varied primate colony which is available to affiliated, collaborative, and visiting investigators for basic and applied biomedical research and training.	Y
P	P60	Research Program Projects and Centers	Comprehensive Center	To support a multipurpose unit designed to bring together into a common focus divergent but related facilities within a given community. It may be based in a university or may involve other locally available resources, such as hospitals, computer facilities, regional centers, and primate colonies. It may include specialized centers, program projects and projects as integral components. Regardless of the facilities available to a program, it usually includes the following objectives: to foster biomedical research and development at both the fundamental and clinical levels; to initiate and expand community education, screening, and counseling programs; and to educate medical and allied health professionals concerning the problems of diagnosis and treatment of a specific disease.	Y
P	PL1	Research Program Projects and Centers	Linked Center Core Grant	To support shared resources and facilities for categorical research by a number of investigators from different disciplines who provide a multidisciplinary approach to a joint research effort or from the same discipline who focus on a common research problem. The core grant is integrated with the center's component projects or program projects, though funded independently from them. This support, by providing more accessible resources, is expected to assure a greater productivity than from the separate projects and program projects. The Linked Center Core Grant is administratively linked to another project or projects. A PL1 award may only be disaggregated from a U54 application and organizations may not apply for a PL1, Linked Center Core Grant. The PL1 is used in lieu of the P30 for those programs that offer linked awards.	Y
P	PM1	Research Program Projects and Centers	Program Project or Center with Complex Structure	To support a complex research program or center with complicated structures that cannot be appropriately categorized into an available multicomponent activity code. The performance period may extend up to seven years but only through the established deviation request process. ICs desiring to use this activity code for programs greater than 5 years must receive OPERA prior approval through the deviation request process.	Y
P	PN1	Research Program Projects and Centers	Concept Development Award	To support the planning and research activities required to assemble multidisciplinary research teams in order to generate an extensive plan that describes the scientific areas, organization, and operation of a research center. Concept Development Awards are not renewable.	Y
P	PN2	Research Program Projects and Centers	Research Development Center	To support any part of the full range of research and development from very basic to clinical as well as any educational, administrative, or other activities required in the center. The spectrum of research activities comprises a multidisciplinary approach to promote research primarily in a new or emerging biomedical scientific area. These centers are expected to operate as a network of centers to promote interactions and resource sharing. Only recipients of the PN1 are eligible to apply for the PN2.	Y
R	R00	Research Projects	Research Transition Award	To support the second phase of a Career/Research Transition award program that provides 1 -3 years of independent research support (R00) contingent on securing an independent research position. Award recipients will be expected to compete successfully for independent R01 support from the NIH during the R00 research transition award period.	Y
R	R01	Research Projects	Research Project	To support a discrete, specified, circumscribed project to be performed by the named investigator(s) in an area representing his or her specific interest and competencies.	Y

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R	R03	Research Projects	Small Research Grants	To provide research support specifically limited in time and amount for studies in categorical program areas. Small grants provide flexibility for initiating studies which are generally for preliminary short-term projects and are non-renewable.	Y
R	R15	Research Projects	Research Enhancement Awards	Supports small-scale research projects at educational institutions that provide baccalaureate or advanced degrees for a significant number of the Nation's research scientists but that have not been major recipients of NIH support. The goals of the program are to (1) support meritorious research, (2) expose students to research, and (3) strengthen the research environment of the institution. Awards provide limited Direct Costs, plus applicable F&A costs, for periods not to exceed 36 months. This activity code uses multi-year funding authority; however, OER approval is NOT needed prior to an IC using this activity code.	Y
R	R16	Research Projects	Research Excellence Award	Supports small-scale research projects at educational institutions that that enroll significant numbers of students from backgrounds nationally underrepresented in biomedical research, award baccalaureate and graduate degrees in biomedical sciences, and receive limited NIH funding.	Y
R	R18	Research Projects	Research Demonstration and Dissemination Projects	To provide support designed to develop, test, and evaluate health service activities, and to foster the application of existing knowledge for the control of categorical diseases.	Y
R	R21	Research Projects	Exploratory/Developmental Grants	To encourage the development of new research activities in categorical program areas. (Support generally is restricted in level of support and in time.)	Y
R	R24	Research Projects	Resource-Related Research Projects	To support research projects that will enhance the capability of resources to serve biomedical research.	Y
R	R28	Research Projects	Resource-Related Research Projects	To support research projects contributing to improvement of the capability of resources to serve clinical research.	Y
R	R2F	Research Projects	Food Safety Capacity and Infrastructure Building	To build food safety capacity and infrastructure by assisting State, locality, territory, Indian tribe, or nonprofit food safety training entity that collaborates with 1 or more institutions of higher education to undertake food safety inspections, investigations, and examinations; train to the standards established by the HHS Secretary; build lab capacity; and respond to notifications received under Section 1008 and recalls.	Y
R	R30	Research Projects	Preventive Health Service - Venereal Disease Research, Demonstration, and Public Information and Education Grants	(Definition not available)	Y
R	R33	Research Projects	Exploratory/Developmental Grants Phase II	The R33 award is to provide a second phase for the support for innovative exploratory and development research activities initiated under the R21 mechanism. Although only R21 awardees are generally eligible to apply for R33 support, specific program initiatives may establish eligibility criteria under which applications could be accepted from applicants demonstrating progress equivalent to that expected under R33.	Y
R	R34	Research Projects	Planning Grant	To provide support for the initial development of a clinical trial or research project, including the establishment of the research team; the development of tools for data management and oversight of the research; the development of a trial design or experimental research designs and other essential elements of the study or project, such as the protocol, recruitment strategies, procedure manuals and collection of feasibility data.	Y

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R	R35	Research Projects	Outstanding Investigator Award	To provide long term support to an experienced investigator with an outstanding record of research productivity. This support is intended to encourage investigators to embark on long-term projects of unusual potential.	Y
R	R37	Research Projects	Method to Extend Research in Time (MERIT) Award	To provide long-term grant support to investigators whose research competence and productivity are distinctly superior and who are highly likely to continue to perform in an outstanding manner. Investigators may not apply for a MERIT award. Program staff and/or members of the cognizant National Advisory Council/Board will identify candidates for the MERIT award during the course of review of competing research grant applications prepared and submitted in accordance with regular PHS requirements.	Y
R	R38	Research Projects	Mentored Research Pathway in Residency	For support to develop and/or implement an institutional program offering mentored research in residency.	Y
R	R41	Research Projects	Small Business Technology Transfer (STTR) Grants - Phase I	To support cooperative R&D projects between small business concerns and research institutions, limited in time and amount, to establish the technical merit and feasibility of ideas that have potential for commercialization. Awards are made to small business concerns only.	Y
R	R42	Research Projects	Small Business Technology Transfer (STTR) Grants - Phase II	To support in - depth development of cooperative R&D projects between small business concerns and research institutions, limited in time and amount, whose feasibility has been established in Phase I and that have potential for commercialization. Awards are made to small business concerns only.	Y
R	R43	Research Projects	Small Business Innovation Research Grants (SBIR) - Phase I	To support projects, limited in time and amount, to establish the technical merit and feasibility of R&D ideas which may ultimately lead to a commercial product(s) or service(s).	Y
R	R44	Research Projects	Small Business Innovation Research Grants (SBIR) - Phase II	To support in - depth development of R&D ideas whose feasibility has been established in Phase I and which are likely to result in commercial products or services. SBIR Phase II are considered "Fast-Track" and do not require National Council Review.	Y
R	R49	Research Projects	Injury Control Research and Demonstration Projects and Injury Prevention Research Centers	Provides financial assistance to non-profit and for-profit organizations to conduct research and demonstration projects as well as training programs to develop a comprehensive and integrated approach to injury control. These projects will integrate aspects of the disciplines of engineering, public health, behavioral sciences, medicine, and others in order to prevent and control injuries.	Y
R	R50	Research Projects	Research Specialist Award	The Research Specialist Award is designed to encourage the development of stable research career opportunities for exceptional scientists who want to pursue research within the context of an existing research program, but not serve as Principal Investigators. The Award is intended to provide desirable salaries and sufficient autonomy so that individuals are not solely dependent on grants held by Principal Investigators for career continuity.	Y
R	R55	Research Projects	James A. Shannon Director's Award	To provide a limited award to investigators to further develop, test, and refine research techniques; perform secondary analysis of available data sets; test the feasibility of innovative and creative approaches; and conduct other discrete projects that can demonstrate their research capabilities and lend additional weight to their already meritorious applications.	Y

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R	R56	Research Projects	High Priority, Short Term Project Award	To provide limited interim research support based on the merit of a pending R01 application while applicant gathers additional data to revise a new or competing renewal application. This grant will underwrite highly meritorious applications that if given the opportunity to revise their application could meet IC recommended standards and would be missed opportunities if not funded. Interim funded ends when the applicant succeeds in obtaining an R01 or other competing award built on the R56 grant. These awards are not renewable.	Y
R	R61	Research Projects	Phase 1 Exploratory/Developmental Grant	As part of a bi-phasic approach to funding exploratory and/or developmental research, the R61 provides support for the first phase of the award. This activity code is used in lieu of the R21 activity code when larger budgets and/or project periods are required to establish feasibility for the project.	Y
R	R90	Research Projects	Interdisciplinary Regular Research Training Award	To support comprehensive interdisciplinary research training programs at the undergraduate, predoctoral and/or postdoctoral levels, by capitalizing on the infrastructure of existing multidisciplinary and interdisciplinary research programs. This Activity Code is for trainees who do not meet the qualifications for NRSA authority.	Y
R	RC1	Research Projects	NIH Challenge Grants and Partnerships Program	NIH Challenge Grants in Health and Science Research	Y
R	RC2	Research Projects	High Impact Research and Research Infrastructure Programs	To support high impact ideas that may lay the foundation for new fields of investigation; accelerate breakthroughs; stimulate early and applied research on cutting-edge technologies; foster new approaches to improve the interactions among multi- and interdisciplinary research teams; or, advance the research enterprise in a way that could stimulate future growth and investments and advance public health and health care delivery. This activity code could support either a specific research question or propose the creation of a unique infrastructure/resource designed to accelerate scientific progress in the future.	Y
R	RC3	Research Projects	Biomedical Research, Development, and Growth to Spur the Acceleration of New Technologies (BRDG-SPAN) Program	To accelerate the transition of NIH-supported research innovations and technologies toward the development of products or services that will improve human health, through grants that may advance the mission of NIH and its Institutes and Centers (ICs), and create significant value and economic stimulus or, advance the research enterprise in a way that could stimulate future growth and investments and advance public health and health care delivery. This activity code is intended to support research and development (R&D) specifically targeted at activities that can help address the funding gap between promising R&D and transitioning to the market, often called the "Valley of Death" by contributing the critical funding needed by applicants to pursue the next appropriate milestone(s) toward ultimate commercialization; i.e., to carry out later stage research activities necessary to that end; to foster partnerships among a variety of research and development (R&D) collaborators working toward these aims. Awards are made only to U.S.-owned, for-profit enterprises doing a majority of its business in the United States. RC3 applications may be given funding priority if the applicant organization is associated with an enterprise that is of small size (e.g., 500 or fewer employees), and/or of limited resources, such as an early-stage company, and/or one positioned for receiving funding or in-kind support from a third-party investor and/or strategic partner. The RC3 SPAN program is not intended to support "upstream" R&D for doing feasibility testing of an innovative idea or to conduct early-stage R&D as an extension of such ideas. (Projects such as these should be submitted under the NIH SBIR/STTR programs.)	Y

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R	RC4	Research Projects	High Impact Research and Research Infrastructure Programs—Multi-Yr Funding	To support multi-year funded research with high impact ideas that may lay the foundation for new fields of investigation; accelerate breakthroughs; stimulate early and applied research on cutting-edge technologies; foster new approaches to improve the interactions among multi- and interdisciplinary research teams; or, advance the research enterprise in a way that could stimulate future growth and investments and advance public health and health care delivery. This activity code could support either a specific research question or propose the creation of a unique infrastructure/resource designed to accelerate scientific progress in the future. It is the multi-year funded companion activity code to the existing RC2; thus ICs need OER prior approval to use the RC4.	Y
R	RF1	Research Projects	Multi-Year Funded Research Project Grant	To support a discrete, specific, circumscribed project to be performed by the named investigator(s) in an area representing specific interest and competencies based on the mission of the agency, using standard peer review criteria. This is the multi-year funded equivalent of the R01 but can be used also for multi-year funding of other research project grants such as R03, R21 as appropriate.	Y
R	RL1	Research Projects	Linked Research project Grant	To support a discrete, specified, circumscribed project that is administratively linked to another project or projects, and to be performed by the named investigator(s) in an area representing his or her specific interest and competencies. An RL1 award may only be disaggregated from U54 application and organizations may not apply for an RL1, Linked Research Project Grant. The RL1 activity code is used in Lieu of the R01 for those programs that offer linked awards.	Y
R	RL2	Research Projects	Linked Exploratory/Development Grant	To encourage the development of new research activities in categorical program areas. (Support generally is restricted in level of support and in time). The grant is administratively linked to another project or projects. An RL2 award may only be disaggregated from a U54 application and organizations may not apply for an RL2, Linked Exploratory/Development Grant. The RL2 activity code is used in lieu of the R21 for those programs that offer linked awards.	Y
R	RM1	Research Projects	Research Project with Complex Structure	To support a large-scale research project with a complex structure that cannot be appropriately categorized into an available single component activity code. The performance period may extend up to seven years but only through the established deviation request process. ICs desiring to use this activity code for programs greater than 5 years must receive OPERA prior approval through the deviation request process.	Y
R	RS1	Research Projects	Programs to Prevent the Emergence and Spread of Antimicrobial Resistance in the United States	Develop, implement, and evaluate an antimicrobial project to prevent and control the emergence, prevalence, and spread of antimicrobial resistance in rural areas, and microbiologic mechanisms of dissemination of antimicrobial resistance genes and the relationship to antimicrobial drug use.	Y
S	SB1	Research Projects	Commercialization Readiness Program	To support follow-on awards to small businesses for technology development, testing, evaluation, and commercialization assistance for SBIR or STTR Phase II technologies or for awards to small businesses to support the progress of research, research and development, and commercialization conducted under the SBIR or STTR programs to Phase III.	Y
S	SC1	Research-Related Programs	Research Enhancement Award	Individual investigator-initiated research projects aimed at developing researchers at minority-serving institutions (MSIs) to a stage where they can transition successfully to other's extramural support (R01 or equivalent).	Y
S	SC2	Research-Related Programs	Pilot Research Project	Individual investigator-initiated pilot research projects for faculty at MSIs to generate preliminary data for a more ambitious research project.	Y

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S	SC3	Research-Related Programs	Research Continuance Award	Individual investigator-initiated research projects for faculty at MSIs to conduct research of limited scope in environments with limited research infrastructure/facilities.	Y
U	U01	Cooperative Agreements	Research Project--Cooperative Agreements	To support a discrete, specified, circumscribed project to be performed by the named investigator(s) in an area representing his or her specific interest and competencies.	Y
U	U10	Cooperative Agreements	Cooperative Clinical Research--Cooperative Agreements	To support clinical evaluation of various methods of therapy and/or prevention in specific disease areas. These represent cooperative programs between sponsoring institutions and participating principal investigators, and are usually conducted under established protocols.	Y
U	U11	Cooperative Agreements	Study (in China) of Periconceptional Vitamin Supplements to Prevent Spina Bifida and Anencephaly Cooperative Agreements	In cooperation with the Beijing Medical University (BMU) of the People's Republic of China, to support a project undertaken by BMU to conduct a randomized controlled trial in china to determine whether vitamins, taken before pregnancy begins and through the first trimester, prevent spina bifida and anencephaly. The project will consist of an initial preparation stage and a 1-2 year pilot study which will document the potential for a full-scale randomized controlled trial.	Y
U	U17	Cooperative Agreements	Applied Methods in Violence-Related or Accidental Injury Surveillance Cooperative Agreements	Provides financial assistance to State and territorial health agencies to develop, implement, and/or evaluate new or existing methods and techniques used in accidental-injury and violence-related injury surveillance and /or prevention. Such injuries include violence against women; alcohol or firearm-related injury; bicycle or automobile-occupant injury; fire-related burns; head and spinal cord injury, and others. These methods and techniques are applicable to statewide injury surveillance systems and are replicable in other public health jurisdictions.	Y
U	U18	Cooperative Agreements	Research Demonstration--Cooperative Agreements	To provide support for testing, by means of a research design, the effectiveness of the transfer and application of techniques or interventions derived from a research base for the control of diseases or disorders or for the promotion of health. The project should be capable of making conclusions which are generalizable to other sites. These are usually cooperative programs between participating principal investigators, institutions, and the sponsoring Institute(s).	Y
U	U19	Cooperative Agreements	Research Program--Cooperative Agreements	To support a research program of multiple projects directed toward a specific major objective, basic theme or program goal, requiring a broadly based, multidisciplinary and often long-term approach. A cooperative agreement research program generally involves the organized efforts of large groups, members of which are conducting research projects designed to elucidate the various aspects of a specific objective. Substantial Federal programmatic staff involvement is intended to assist investigators during performance of the research activities, as defined in the terms and conditions of award. The investigators have primary authorities and responsibilities to define research objectives and approaches, and to plan, conduct, analyze, and publish results, interpretations and conclusions of their studies. Each research project is usually under the leadership of an established investigator in an area representing his/her special interest and competencies. Each project supported through this mechanism should contribute to or be directly related to the common theme of the total research effort. The award can provide support for certain basic shared resources, including clinical components, which facilitate the total research effort. These scientifically meritorious projects should demonstrate an essential element of unity and interdependence.	Y

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U	U1A	Cooperative Agreements	Capacity Building for Core Components of Tobacco Prevention and Control Programs Cooperative Agreements	In cooperation with State health agencies, to 1) supplement existing tobacco control efforts and provide assistance in the development of the essential components of a comprehensive public health tobacco control program, or 2) develop the infrastructure in preparation for carrying out a tobacco control program.	Y
U	U1B	Cooperative Agreements	Cooperative Agreement for Research and Surveillance Activities to Reduce the Incidence of HIV/AIDS	In cooperation with State and local public health authorities and other non-profit organizations, to assist in detecting and preventing the further spread of AIDS/HIV through research and active surveillance.	Y
U	U1Q	Cooperative Agreements	Emergency Disaster Relief Relating to CDC Programs Cooperative Agreement	In cooperation with eligible State health departments, to provide assistance to States impacted by designated natural disasters to assess the health threats and address health issues associated with the disaster, and to restore CDC-related public health programs that were impacted by the disaster.	Y
U	U1V	Cooperative Agreements	Capacity Building for Core Components of Tobacco Prevention and Control Programs Cooperative Agreements	In cooperation with State health agencies, to 1) supplement existing tobacco control efforts and provide assistance in the development of the essential components of a comprehensive public health tobacco control program, or 2) develop the infrastructure in preparation for carrying out a tobacco control program.	Y
U	U21	Cooperative Agreements	Immunization Service for Racial and Ethnic Minorities, Cooperative Agreements	(Definition not available)	Y
U	U22	Cooperative Agreements	HIV/STD Preventive Services for Racial and Minorities	(Definition not available)	Y
U	U23	Cooperative Agreements	TB Prevention and Control Services for Racial and Ethnic Minorities Cooperative Agreements	In cooperation with national and regional racial and ethnic minority nonprofit organizations, to strengthen and increase the effectiveness of tuberculosis prevention and treatment services for racial and ethnic minority populations (especially the 25-44 years old age group); to improve organizational capabilities, programmatic efforts, and coordination of tuberculosis awareness; and to promote tuberculosis prevention and control, information dissemination, and training and education.	Y
U	U24	Cooperative Agreements	Resource-Related Research Projects-- Cooperative Agreements	To support research projects contributing to improvement of the capability of resources to serve biomedical research.	Y
U	U27	Cooperative Agreements	Surveillance of Complications of Hemophilia Cooperative Agreements	In cooperation with State public health agencies, to characterize the epidemiology of hemophilia and its complications by using surveillance methodologies such as data collection, interviews, and progress reports. The data collected through this program can assist hemophilia treatment providers and States in developing, implementing, and evaluating education and prevention programs designed to reduce the morbidity, mortality, and costs of hemophilia and its complications.	Y
U	U2C	Cooperative Agreements	Resource-Related Research Multi-Component Projects and Centers Cooperative Agreements	To support multi-component research resource projects and centers that will enhance the capability of resources to serve biomedical research. Substantial federal programmatic staff involvement is intended to assist investigators during performance of the research activities, as defined in the terms and conditions of the award.	Y
U	U2F	Research Projects	Food Safety Capacity and Infrastructure Building	To build food safety capacity and infrastructure by assisting State, locality, territory, Indian tribe, or nonprofit food safety training entity that collaborates with 1 or more institutions of higher education to undertake food safety inspections, investigations, and examinations; train to the standards established by the HHS Secretary; build lab capacity; and respond to notifications received under Section 1008 and recalls.	Y

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Program Code	Activity Code	Category	Title	Description	DMS Plan Requirement
U	U2G	Cooperative Agreements	Global HIV/AIDS Non-Research Cooperative Agreements	In cooperation with other countries, international organizations, and other partners to conduct HIV/AIDS prevention, care and treatment of non-research activities in international countries most heavily affected by the HIV/AIDS epidemic.	Y
U	U30	Cooperative Agreements	Prev. Health Services: Venereal Disease Research, Demonstration, and Public Information and Education Projects	Cooperative Agreements to provide assistance to programs designed for the conduct of research, demonstration, and public information and education for the prevention and control of venereal disease.	Y
U	U32	Cooperative Agreements	State-based Diabetes Control Programs	In cooperation with State health agencies: To reduce the effect of preventable problems in service delivery to diabetics (such as excess days of hospitalization, high amputation rates, and the effect of insurance policy on securing care), to define the preventable service delivery problems, and to demonstrate improved service delivery to diabetics.	Y
U	U34	Cooperative Agreements	Planning Cooperative Agreement	This cooperative agreement would provide support, substantial Federal programmatic involvement, and technical assistance for the initial development of a clinical trial or research project. Also, it would include the establishment of the research team; the development of tools for data management and oversight of the research; the development of a trial design or experimental research designs and other essential elements of the study or project, such as the protocol, recruitment strategies, and procedure manuals; and to collect feasibility data.	Y
U	U36	Cooperative Agreements	Program Improvements for Schools of Public Health	In cooperation with the Associated Schools of Public Health, to stimulate improvements in the educational programs of schools of public health.	Y
U	U38	Cooperative Agreements	Uniform National Health Program Reporting System	In cooperation with the States to operate a uniform national health program reporting system, which is to provide data for analytical purposes to assist health planners and health program managers in their decision-making processes.	Y
U	U3R	Research Projects	NIH Small Research Grant Program (Cooperative Agreement)	This grant mechanism will support small research projects that can be carried out in a short period of time with limited resources and will be used as the companion cooperative agreement activity code to the R03.	Y
U	U41	Cooperative Agreements	Biotechnology Resource Cooperative Agreements	To support biotechnology resources available to all qualified investigators without regard to the scientific disciplines or disease orientations of their research activities or specifically directed to a categorical program area.	Y
U	U42	Cooperative Agreements	Animal (Mammalian and Nonmammalian) Model, and Animal and Biological Materials Resource Cooperative Agreements	To develop and support animal (mammalian and nonmammalian) model, or animal or biological materials resources available to all qualified investigators without regard to the scientific disciplines or disease orientations of their research activities or specifically directed to a categorical program. Nonmammalian resources include nonmammalian vertebrates, invertebrates, cell systems, and nonbiological systems.	Y
U	U43	Cooperative Agreements	Small Business Innovation Research (SBIR) Cooperative Agreements - Phase I	To support projects, limited in time and amount, to establish the technical merit and feasibility of R&D ideas that may ultimately lead to commercial products or services.	Y
U	U44	Cooperative Agreements	Small Business Innovation Research (SBIR) Cooperative Agreements - Phase II	To support in-depth development of R&D ideas whose feasibility has been established in Phase I and that are likely to result in commercial products or services.	Y
U	U45	Cooperative Agreements	Hazardous Waste Worker Health and Safety Training Cooperative Agreements (NIEHS)	To develop, implement, and evaluate programs to train workers who are or may be engaged in activities related to hazardous waste removal, containment, or emergency response.	Y

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Program Code	Activity Code	Category	Title	Description	DMS Plan Requirement
U	U47	Cooperative Agreements	Laboratory/Other Diagnostic Medical Quality Improvement Cooperative Agreements	In cooperation with public or private health-related organizations, to establish data collection networks or other methods to increase the effectiveness of primary care physicians in determining the level and impact of problems in laboratory testing, or in other services for diagnosis of health problems, by determining what problems exist; how often problems occur; what impact these problems have on patient care, and what interventions can be developed to improve the disease testing or control process.	Y
U	U48	Cooperative Agreements	Health Promotion and Disease Prevention Research Centers	In cooperation with schools of public health, medicine, or osteopathy, to establish and maintain interdisciplinary academic centers focused on health issues or themes of national importance and to promote translation of the results of the school's research into improved public health practice.	Y
U	U49	Cooperative Agreements	Coop: Injury Control Res. and Demo and Injury Prevention	In cooperation with public and private nonprofit and for-profit organizations to conduct research and demonstration projects as well as training programs to develop a comprehensive and integrated approach to injury control. This is to include those directed toward violence toward women, intimate partners, and youth. These projects will integrate aspects of the disciplines of engineering, public health, behavioral sciences, medicine, and others in order to prevent and control injuries.	Y
U	U50	Cooperative Agreements	Special Cooperative Investigations/Assessment of Control/Prevention Methods	In cooperation with State or local government or other health-related organization, to perform special investigations of communicable diseases and other preventable health conditions, or to evaluate special methods of preventing disease or controlling health conditions.	Y
U	U51	Cooperative Agreements	Health Planning Strategies/National Academy of Sciences Activities	Financial support for activities of interest to the Public Health Service, primarily, support for a series of Boards to oversee a variety of health and health administration topics.	Y
U	U52	Cooperative Agreements	Cooperative Agreement for Tuberculosis Control	In cooperation with State and local health departments, to reduce the number of tuberculosis cases by case finding and follow-up of patient compliance with treatment.	Y
U	U53	Cooperative Agreements	Capacity Bldg: Occupational Safety/Community Environmental Health	In cooperation with State and local health departments to expand State capacities in the area of occupational safety and community environmental public health.	Y
U	U54	Cooperative Agreements	Specialized Center--Cooperative Agreements	To support any part of the full range of research and development from very basic to clinical; may involve ancillary supportive activities such as protracted patient care necessary to the primary research or R&D effort. The spectrum of activities comprises a multidisciplinary attack on a specific disease entity or biomedical problem area. These differ from program project in that they are usually developed in response to an announcement of the programmatic needs of an Institute or Division and subsequently receive continuous attention from its staff. Centers may also serve as regional or national resources for special research purposes, with funding component staff helping to identify appropriate priority needs.	Y
U	U55	Cooperative Agreements	Core Support For American Council on Transplantation Active	(Definition not available)	Y
U	U56	Cooperative Agreements	Exploratory Grants--Cooperative Agreements	To support planning for new programs, expansion or modification of existing resources, and feasibility studies to explore various to the development of interdisciplinary programs that offer potential solutions to problems of special significance to the mission of the NIH. These exploratory studies may lead to specialized or comprehensive centers. Substantial Federal programmatic staff involvement is intended to assist investigators during performance of the research activities, as defined in the terms and conditions of award.	Y

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Program Code	Activity Code	Category	Title	Description	DMS Plan Requirement
U	U57	Cooperative Agreements	State-Based Comprehensive Breast/Cervical Cancer Control Program Cooperative Agreements	In cooperation with State and territorial health agencies, to develop comprehensive breast and cervical cancer control programs, increasing screening and follow-up among all groups of women in the State or territory, with special efforts to reach women who are of low income, uninsured, underinsured, minority, or Native American.	Y
U	U58	Cooperative Agreements	Chronic Disease Control Cooperative Agreement	In cooperation with State and local public health agencies and other public or private organizations to assist in controlling and preventing chronic diseases. Efforts are directed at the integrated application of surveillance; applied epidemiology; laboratory sciences; evaluation; health education; dynamic and productive relationships; training; and extensive applied management of effective disease control programs.	Y
U	U59	Cooperative Agreements	Disabilities Prevention Cooperative Agreement Program	In cooperation with State and local agencies or private organizations, to conduct and evaluate interventions to prevent disabilities and to support demonstration and epidemiology programs for States in building capacity to coordinate disability prevention activities.	Y
U	U60	Cooperative Agreements	Cooperative Agreements in Occupational Safety and Health Research, Demonstrations, Evaluation and Education Research, Demonstrations, Evaluation and Education	In cooperation with universities or other eligible recipients, to investigate the underlying characteristics and causes of occupational safety and health problems; to eliminate or control factors in the work environment which are harmful to the health and/or safety of workers, or to demonstrate effective solutions for occupational safety and health problems.	Y
U	U61	Cooperative Agreements	Preventive Health Activities Regarding Hazardous Substances	In cooperation with State and local health authorities, to provide programs and activities designed to protect the public from exposure to hazardous substances, and to protect the worker from hazards associated with hazardous waste removal or other remedial response actions.	Y
U	U62	Cooperative Agreements	Prevention/Surveillance Activities/Studies of AIDS	In cooperation with the State and local public health authorities and other non-profit organizations, to assist in detecting and preventing the further spread of AIDS through active surveillance and epidemiologic investigation, sero-prevalence surveys, laboratory services, public information campaigns, health education and risk reduction activities, and counseling, testing and partner notification.	Y
U	U65	Cooperative Agreements	Minority/Other Community-based HIV Prevention Project, Cooperative Agreements	In cooperation with non-profit organizations based in communities most heavily affected by the HIV epidemic, to assist in achieving a reduction of the risk of HIV transmission through education programs.	Y
U	U66	Cooperative Agreements	Immunization Demonstration Projects Cooperative Agreements	Provides financial assistance to State and local health agencies and other public and non-profit entities for (1) assessment of projects to develop methods/strategies to effectively assess preschool-age immunization protection at the State or county level and/or (2) intervention projects to develop innovative ways to successfully identify and vaccinate preschool-age children living in inner-city, high-disease morbidity areas.	Y
U	U75	Cooperative Agreements	National Cancer Registries Cooperative Agreements	In cooperation with State health agencies or eligible academic or other nonprofit organizations, to establish a national program of cancer registries by supporting and enhancing existing State cancer registries so that they are statewide and population-based, and by planning, implementing, and supporting statewide population-based cancer registries where State registries do not currently exist.	Y
U	U79	Cooperative Agreements	Mental Health and/or Substance Abuse Services Cooperative Agreements	To support the provision of mental health and/or substance abuse prevention and treatment services. These are cooperative programs between participating principal investigators. Organizations and sponsoring Centers and where substantial programmatic involvement is planned to assist the recipient.	Y

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Program Code	Activity Code	Category	Title	Description	DMS Plan Requirement
U	U81	Cooperative Agreements	Injury Community Demonstration Projects: Evaluation of Youth Violence Prevention Program	In cooperation with qualified recipients to design, implement, and determine the effectiveness of multifaceted, community-based youth violence prevention programs in reducing the incidence of interpersonal violent behavior and associated injuries and deaths.	Y
U	U82	Cooperative Agreements	Enhancement of State and Local Capacity to Assess the Progress toward Healthy People 2010 Objectives	In cooperation with State and local health agencies and Federally-recognized Indian Tribes, to increase the assessment capacity of State and local health agencies and to develop new surveillance models to measure currently underassessed conditions or populations.	Y
U	U83	Cooperative Agreements	Research to Advance the Understanding of the Health of Racial and Ethnic Populations or Subpopulations Cooperative Agreements	In cooperation with public and private non-profit organizations, to advance the understanding of the health of racial and ethnic populations or subpopulations through 1) special studies and analyses to improve existing knowledge, and 2) improvements in existing research methodological techniques used to gather information on these groups.	Y
U	U84	Cooperative Agreements	Cooperative Agreements for Fetal Alcohol Syndrome Prevention Research Programs	In cooperation with qualified recipients, to develop methods for identifying women at high risk for having children with Fetal Alcohol Syndrome or other adverse alcohol effects, to design primary prevention strategies for these women, and to rigorously evaluate the effectiveness of these strategies.	Y
U	U90	Cooperative Agreements	Cooperative Agreements for Special Projects of National Significance (SPNS)	In cooperation with State and local public health agencies and other public or private nonprofit entities, to conduct HIV service-related projects which meet the criteria for funding and target one of the specified priority areas. The primary purpose of the SPNS program is to contribute to the advancement of knowledge and skill in the delivery of health and support services to persons with HIV disease.	Y
U	UA1	Cooperative Agreements	AIDS Research Project Cooperative Agreement	In cooperation with a named investigator, to support a discrete, specified, circumscribed project on Acquired Immune Deficiency Syndrome in an area representing the investigator's specific interest and competencies.	Y
U	UA5	Cooperative Agreements	Academic Research Enhancement Award (AREA) Cooperative Agreements	Supports small-scale research projects at educational institutions that provide baccalaureate or advanced degrees for a significant number of the Nation's research scientists but that have not been major recipients of NIH support. The goals of the program are to (1) support meritorious research, (2) expose students to research, and (3) strengthen the research environment of the institution. Awards provide limited Direct Costs, plus applicable F&A costs, for periods not to exceed 36 months. This activity code uses multi-year funding authority; however, OER approval is NOT needed prior to an IC using this activity code. This is the Cooperative Agreement companion to the R15 Activity Code.	Y
U	UB1	Cooperative Agreements	Commercialization Readiness Program – Cooperative Agreement	To support follow-on awards to small businesses for technology development, testing, evaluation, and commercialization assistance for SBIR or STTR Phase II technologies or for awards to small businesses to support the progress of research, research and development, and commercialization conducted under the SBIR or STTR programs to Phase III.	Y

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Program Code	Activity Code	Category	Title	Description	DMS Plan Requirement
U	UC1	Cooperative Agreements	NIH Challenge Grants and Partnerships Program - Phase II-Coop.Agreement	To promote the implementation of joint ventures between the NIH and both domestic and global entities to facilitate rapid implementation of R&D in biomedical or biotechnology projects for infectious diseases that benefit public health and have a commercial potential that otherwise could not have been attained without matching funds. Essential elements of grantee responsibility would include: 1) interim research and development of target goals upon whose achievement funds would be incrementally released to the awardee; 2) a single principle investigator who would be scientifically and administratively responsible for the project's research and development, and 3) a single applicant organization that would be legally and financially responsible for the funds awarded.	Y
U	UC2	Cooperative Agreements	High Impact Research and Research Infrastructure Cooperative Agreement Programs	To support high impact ideas through cooperative agreements that that may lay the foundation for new fields of investigation; accelerate breakthroughs; stimulate early and applied research on cutting-edge technologies; foster new approaches to improve the interactions among multi- and interdisciplinary research teams; or, advance the research enterprise in a way that could stimulate future growth and investments and advance public health and health care delivery. This activity code could support either a specific research question or propose the creation of a unique infrastructure/resource designed to accelerate scientific progress in the future. This is the cooperative agreement companion to the RC2.	Y
U	UC3	Cooperative Agreements	Biomedical Research, Development, and Growth to Spur the Acceleration of New Technologies (BRDG-SPAN) Cooperative Agreement Program	To accelerate the transition of NIH-supported research innovations and technologies toward the development of products or services that will improve human health, through cooperative agreements that may advance the mission of NIH and its Institutes and Centers (ICs), and create significant value and economic stimulus or, advance the research enterprise in a way that could stimulate future growth and investments and advance public health and health care delivery. This activity code is intended to support research and development (R&D) specifically targeted at activities that can help address the funding gap between promising R&D and transitioning to the market, often called the "Valley of Death" by contributing the critical funding needed by applicants to pursue the next appropriate milestone(s) toward ultimate commercialization; i.e., to carry out later stage cooperative agreement activities necessary to that end; to foster partnerships among a variety of research and development (R&D) collaborators working toward these aims. The UC3 SPAN program is not intended to support "upstream" R&D for doing feasibility testing of an innovative idea or to conduct early-stage R&D as an extension of such ideas. (Projects such as these should be submitted under the NIH SBIR/STTR programs.)	Y
U	UC4	Cooperative Agreements	High Impact Research and Research Infrastructure Cooperative Agreement Programs—Multi-Yr Funding	To support multi-year funded cooperative agreement research with high impact ideas that may lay the foundation for new fields of investigation; accelerate breakthroughs; stimulate early and applied research on cutting-edge technologies; foster new approaches to improve the interactions among multi- and interdisciplinary research teams; or, advance the research enterprise in a way that could stimulate future growth and investments and advance public health and health care delivery. This activity code could support either a specific research question or propose the creation of a unique infrastructure/resource designed to accelerate scientific progress in the future. It is the cooperative agreement companion to the RC4. It is also the multi-year funded companion to the existing UC2; thus ICs need OER prior approval to use the UC4.	Y

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Program Code	Activity Code	Category	Title	Description	DMS Plan Requirement
U	UC7	Cooperative Agreements	Biocontainment Laboratory Operation Cooperative Agreement	To support core and shared resources for biocontainment laboratories enabling them to develop and maintain the research resources and facilities needed to meet national, regional and local biodefense and emerging infectious diseases research needs. This support, by providing more accessible resources, is expected to assure greater productivity at biocontainment laboratories.	Y
U	UD1	Cooperative Agreements	Mental Health and/or Substance Abuse KD&A Cooperative Agreements	To provide support to develop new knowledge about ways to improve the prevention and/or treatment of substance abuse and/or mental illness, and to work with State and local governments as well as providers, families, and consumers to apply that knowledge effectively in everyday practice. Outcome measures are the heart and core of the KD&As, do not provide operating funds for service programs, except as required by the knowledge development activity.	Y
U	UE1	Cooperative Agreements	Studies of Environmental Hazards and Health Effects	Studies ways to prevent or control health problems associated with exposure to air pollution, radiation, and other toxicants, as well as health problems resulting from natural, technological or terrorist disasters.	Y
U	UE2	Cooperative Agreements	Emergency and Environmental Health Services	Provide national and international leadership for coordinating, delivering, and evaluating emergency and environmental public health services.	Y
U	UF1	Cooperative Agreements	Multi-Year Funded Research Project Cooperative Agreement	To support a discrete, specific, circumscribed project to be performed by the named investigator(s) in an area representing specific interest and competencies based on the mission of the agency, using standard peer review criteria. This is the multi-year funded equivalent of the U01 but can be used also for multi-year funding of other research project cooperative agreements such as UM1 as appropriate.	Y
U	UF2	Cooperative Agreements	Rape Prevention and Education Cooperative Agreement	To provide financial assistance to States for rape prevention and education programs conducted by rape crisis centers, State sexual assault coalitions, and other public and private nonprofit entities for: educational seminars, operation of hotlines, training for professionals, preparation of informational material; education and training for college and university students and personnel to reduce sexual assault; and awareness programs. The awards are based on a formula.	Y
U	UG1	Cooperative Agreements	Clinical Research Cooperative Agreements - Single Project	To support single project applications conducting clinical evaluation of various methods of therapy and/or prevention (in specific disease areas). Substantial federal programmatic staff involvement is intended to assist investigators during performance of the research activities, as defined in the terms and conditions of the award. NOTE: The UG1 is the single-component companion to the U10 which is used for multi-project applications only.	Y
U	UG3	Cooperative Agreements	Phase 1 Exploratory/Developmental Cooperative Agreement	As part of a bi-phasic approach to funding exploratory and/or developmental research, the UG3 provides support for the first phase of the award. This activity code is used in lieu of the UH2 activity code when larger budgets and/or project periods are required to establish feasibility for the project.	Y
U	UG4	Cooperative Agreements	National Network of Libraries of Medicine	Multicomponent cooperative agreements are awarded to medical libraries to enable them to serve as regional medical libraries for their geographical areas. The purpose of the program is to develop a national system of regional medical libraries, each of which would have sufficient facilities to supplement the services of other medical libraries in its region.	Y

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Program Code	Activity Code	Category	Title	Description	DMS Plan Requirement
U	UH1	Cooperative Agreements	HBCU Research Scientist Award	To assist HBCUs in strengthening and augmenting their human resources by recruiting an established research scientist; to enhance the career of the recruited research scientist; and to strengthen other HBCU resources for the conduct of biomedical and/or behavioral research. The recruited research scientist must have received competitive and independent research support.	Y
U	UH2	Cooperative Agreements	Exploratory/Developmental Cooperative Agreement Phase I	To support the development of new research activities in categorical program areas. (Support generally is restricted in level of support and in time.)	Y
U	UH3	Cooperative Agreements	Exploratory/Developmental Cooperative Agreement Phase II	The UH3 award is to provide a second phase for the support for innovative exploratory and development research activities initiated under the UH2 mechanism. Although only UH2 awardees are generally eligible to apply for UH3 support, specific program initiatives may establish eligibility criteria under which applications could be accepted from applicants demonstrating progress equivalent to that expected under UH2.	Y
U	UH4	Cooperative Agreements	Hazmat Training at DOE Nuclear Weapons Complex	To develop, implement, and evaluate programs to train workers who are or may be engaged in activities related to hazardous waste removal, containment, or emergency response at the DOE Nuclear Weapons Complex. This is the single project equivalent to the U45	Y
U	UL1	Cooperative Agreements	Linked Specialized Center Cooperative Agreement	To support clinical and translational research. The UL1 administratively linked to another project or projects. AUL1 award may only be disaggregated from a U54 application and organizations may not apply for a UL1, Linked Specialized Center Cooperative Agreement. The UL 1 activity code is used in lieu of the U54 for those programs that offer linked awards.	Y
U	UM1	Cooperative Agreements	Research Project with Complex Structure Cooperative Agreement	To support cooperative agreements involving large-scale research activities with complicated structures that cannot be appropriately categorized into an available single component activity code, e.g. clinical networks, research programs or consortium. The components represent a variety of supporting functions and are not independent of each component. Substantial federal programmatic staff involvement is intended to assist investigators during performance of the research activities, as defined in the terms and conditions of the award. The performance period may extend up to seven years but only through the established deviation request process. ICs desiring to use this activity code for programs greater than 5 years must receive OPERA prior approval through the deviation request process.	Y
U	UM2	Cooperative Agreements	Program Project or Center with Complex Structure Cooperative Agreement	To support cooperative agreements involving program projects or centers with complicated structures that cannot be appropriately categorized into an available multicomponent activity code, e.g. clinical networks, research programs or consortiums. At least one component must be UM1-like, supporting a variety of functions that are dependent on each other and cannot be separated into distinct components. Substantial federal programmatic staff involvement is intended to assist investigators during performance of the research activities, as defined in the terms and conditions of the award. The performance period may extend up to seven years but only through the established deviation request process.	Y
U	UP5	Training Projects	Early Independence Award Cooperative Agreement	To support the independent research project of a recent doctoral degree recipient. This research grant program will encourage exceptionally creative scientists to bypass the typical post-doc research training period in order to move rapidly to research independence. It will encourage institutions to develop independent career tracks for recent graduates in order to demonstrate the benefits of early transition to independence both in terms of career productivity for the candidate and research capability for the institution.	Y

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Program Code	Activity Code	Category	Title	Description	DMS Plan Requirement
U	UR6	Cooperative Agreements	Prevention Intervention Research on Substance Abuse in Children Cooperative Agreements	In cooperation with public and private nonprofit and for-profit organizations, to support research to determine the most effective interventions to change the developmental course of early predictor markers for substance abuse in children at several defined developmental stages.	Y
U	UR8	Cooperative Agreements	Applied Research in Emerging Infections-(including Tick-borne Diseases) Cooperative Agreements	In cooperation with eligible organizations, to research emerging infections, such as tick borne diseases, through epidemiological studies and development and evaluation of diagnostic tests. Associated grant program under Activity Code RR8.	Y
U	US3	Cooperative Agreements	Hantaviral Reservoir Studies Cooperative Agreements	In cooperation with eligible organizations, to study the behavior, movement, reproductive biology, population	Y
U	US4	Cooperative Agreements	Community-Based Primary Prevention Programs: Intimate Partner Violence Cooperative Agreements	In cooperation with non-profit community-based organizations, to develop, implement, expand the capacity of, and evaluate the process and outcomes of, programs for preventing intimate partner violence.	Y
U	UT1	Cooperative Agreements	Small Business Technology Transfer (STTR) – Cooperative Agreements - Phase I	To support cooperative research and development projects between small business concerns and research institutions, limited in time and amount, to establish the technical merit and feasibility of ideas that have potential for commercialization.	Y
U	UT2	Cooperative Agreements	Small Business Technology Transfer (STTR) – Cooperative Agreements - Phase II	To support in-depth development of cooperative research and development projects between small business concerns and research institutions, limited in time and amount, whose feasibility has been established in Phase I and that have potential for commercialization.	Y