

OFFICE OF SCIENCE

The Office of Science (OS) upholds the quality, impact and integrity of CDC's science and advances strategic science to achieve equitable public health. OS provides scientific vision and leadership to ensure actionable, equitable, and impactful science that addresses public health priorities; the quality, integrity, and innovation of CDC science and guidance; timely and open dissemination and translation of scientific information; and that those scientific priorities are rapidly addressed, and findings are rapidly disseminated during public health emergencies. The director and staff within OS provide scientific leadership, service, expertise, and tools to build scientific capacity and capability to support CDC's efforts to promote health; prevent disease, injury and disability; and prepare and respond to emerging health threats. To carry out its mission, OS (1) provides leadership and support to promote strategic science for action and support programs to define a scientific vision grounded in identified priorities needed to inform guidance, intervention, and policy evidence (2) leads and executes the agency scientific prioritization and provides leadership on strategic science, activities, and planning; (3) provides scientific leadership for public health emergency readiness and responses; (4) facilitates the identification and development of public health guidance; (5) facilitates and coordinates policies, systems, and processes for ensuring scientific regulatory compliance, quality, integrity, innovation, and collaboration; (6) provides leadership and support to strengthen public health science capacity and capability through training, tools, resources, and platforms to promote and implement better scientific practices; (7) provides strategic vision and coordination of extramural and public health science research activities; and (8) promotes access to quality, timely and useful cross-cutting scientific guidance, data, products, and services to strengthen the science and practice of public health and to improve public health decision-making.
(Approved 1/24/2023; Effective 2/8/2023)

Office of the Director

(1) Provides oversight and leadership for major or cross-cutting scientific priorities and leads processes to support CDC-wide coordination and strategic activities to identify, prioritize, and address science gaps; (2) represents the agency on high-level internal and external research and scientific partnerships, collaborations, activities and groups; (3) develops and advances CDC research and scientific priorities through convenings, coordination and collaboration with internal and external partners; (4) develops strategic goals and objectives, provides leadership for scientific policy formation, scientific oversight, and guidance in program planning and development; (5) establishes and implements a communications strategy in support of Office of Science overarching goals and priorities; (6) serves as CDC's Institutional Official for Human Subjects Protections; (7) serves as the agency Chief Science Officer and oversees CDC's research integrity officer and scientific integrity official; (8) ensures compliance with federal regulations and mandates for scientific and research integrity policies, training, and practices in all aspects of scientific activities; (9) ensures compliance with federal regulations and mandates for scientific and research integrity policies, training, and practices in all aspects of scientific activities; (10) develops tools, resources, and training to build public health scientific capacity and capability, and to implement better practices; (11) establishes platforms for promoting and implementing better public health science approaches and practices (12) supports the coordination of the intersectionality of science, policy, and communications to support

translation of CDC's science; (13) facilitates communication and collaboration with CDC science community; (14) provides overall vision for public health science and promotes and integrated partnership model and approach to generate evidence on the impact of CDC's intramural and extramural public health investments; (15) supports coordination and collaboration to ensure health equity science principles are embedded into scientific processes; (16) fosters innovation, scientific collaboration, and the advancement of technologies for public health benefit; (17) provides strategic leadership, coordination, and support for innovation and technology transfer of CDC science; (18) provides strategic vision, oversight, and coordination of extramural research and extramural research program offices, functions, and associated policies and practices; (19) provides strategic leadership, coordination, and support for CDC technology transfer activities and the implementation of legislation, regulations, policies, and rules; (20) facilitates management of CDC's intellectual property portfolio and agreements to support the transfer of knowledge, research resources, and technology; and (21) promotes new approaches and provides training, consultation, and guidance on innovation, and technology transfer for innovation and technology transfer to enable and support public health science and research. (Approved 1/24/2023; Effective 2/8/2023)

Office of Science Dissemination

(1) Promotes access to quality, timely and useful cross-cutting scientific data and findings to strengthen public health and to improve public health decision-making; (2) expands and implements strategies and platforms to promote rapid dissemination of scientific content; (3) enhances public access to scientific information and publications and ensures accessibility and clear communication of public health information; (4) develops and disseminates *MMWR* Series of publications, including the *MMWR* Weekly, *MMWR* Recommendations and Reports, *MMWR* Surveillance Summaries, and *MMWR* Supplements; (5) manages the CDC Vital Signs program, and leverages Vital Signs as a platform to support the release of actionable scientific data and public health calls to action for important public health issues; (6) establishes and implement frameworks and methodologies to support rapid analyses and dissemination of scientific findings. (Approved 1/24/2023; Effective 2/8/2023)

Office of Science Quality and Library Services

(1) Provides oversight, leadership, and guidance for implementing CDC scientific review and clearance processes and systems; (2) conducts agency level review and clearance of CDC scientific publications and products; (3) promotes the development and production of high-quality scientific products that address essential questions for public health science; (4) provides oversight, training, and technical assistance for scientific knowledge management systems and repositories designed to support review, tracking and monitoring, storage of, and access to scientific products, data, and protocols; (5) conducts scientific portfolio analysis to support decision making and evaluation of CDC science; (6) promulgates the use of streamlined scientific review and clearance processes to ensure that science products are quality, timely and useful for decision making; (7) ensures compliance with the OMB Peer Review Bulletin for science quality; (8) develops and implement data sharing and release of data from publications to enhance public access; (9) enhances public access to CDC publications and data; (10) establishes

and implement data standards for scientific content; (11) provides scientific tools and public health information resources to support the science and research capacity of the agency; (12) disseminates information products to promote CDC scientific publications and support the evaluation of the impact of CDC scientific publications; (13) develops, curates, sustains, and evaluates library collections and public health information resources in collaboration with the CDC Library Advisory Board; (14) collaborates with other federal libraries, medical/health sciences libraries, other library and information scientists, and public health partners to curate scientific resources; (15) provides CDC staff with access scientific and public health resources; (16) provides library science technical assistance, reference services, literature searches, systematic reviews, and training to support access to scientific resources; (17) manages and maintains operations of the Stephen B. Thacker CDC Library spaces to facilitate scientific inquiry, learning, research, collaboration, and innovation; and (18) expands access to public health information and literature in collaboration with external partners to wider audiences. (Approved 1/24/2023; Effective 2/8/2023)

Office of Scientific Evidence and Recommendations

(1) Establishes and implements enterprise-wide standards, systems, and approaches for the accelerated development and dissemination of prioritized, high-quality guidelines and guidance; and ensure consistency in language, quality, and accessibility of CDC recommendations; (2) promotes evaluation of the implementation, use, and impact of evidence-based strategies, CDC recommendations, and intramural/extramural public health investments; (3) conducts systematic review and synthesizes existing evidence to identify priority gaps for evidence generation and support CIOs in developing and refining methods for conducting systematic reviews; (4) establishes and maintains platforms to assess the effectiveness of the implementation guidance and recommendations; (5) maintains a centralized repository for all CDC guidance and guidelines (routine and emergency); (6) coordinates with internal and external partners and subject matter experts to identify gaps in evidence and to accelerate the development of guidelines; (7) convenes and provides administrative, research, and technical support for the operations of the Community Preventive Services Task Force as directed by statutory mandate and assists the Task Force in producing reports on evidence gaps and priority areas for further examination; and (8) convenes and participate with CDC programs and other federal and non-governmental partners in establishing methods for evaluating implementation, use, and impact of Task Force recommendations and other promising strategies.

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Office of Public Health Ethics and Regulations

(1) Provides oversight, technical assistance and training to support the implementation, monitoring and tracking, and execution of regulatory standards and ensures compliance with federal regulations and mandates for scientific research; (2) provides leadership and consultation to integrate and ensure ethical principles, standards, and approaches for CDC scientific activities; (3) protects the rights and welfare of human beings who participate in research through scientific compliance with human subjects review protocols; (4) engages with Office of Management and Budget (OMB) on scientific regulatory reviews and approvals; (5) provides guidance and consultation to ensure compliance with the Paperwork Reduction Act; (6) provides guidance and

consultation to protect individuals' privacy and the confidentiality of their data collected for public health practice and research; and (7) manages and convenes CDC Institutional Review Board and ensures CDC remains compliant with IRB regulations, policies, and practices. (Approved 1/24/2023; Effective 2/8/2023)