

## **Center for Surveillance, Epidemiology, and Laboratory Services (CPN)**

The mission of the Center for Surveillance, Epidemiology, and Laboratory Services (CSELS) is to provide scientific service, expertise, skills, and tools in support of CDC's efforts to promote health; prevent disease, injury and disability; and prepare for emerging health threats. CSELS focuses on improving information and data quality, laboratory systems, and the public health workforce, through modernization, innovation, and service. (Approved 3/26/2015)

To carry out its mission, CSELS: (1) leads and executes a national public health surveillance strategy for human health that builds upon current resources, establishes priorities for the nation's next-generation capability and provides timely, comprehensive, and accessible information to strengthen public health practice, and provide value to clinicians; (2) participates in the identification, development, evolution, and adoption of informatics standards; (3) facilitates and coordinates program and laboratory systems integration for the Agency; (4) provides leadership and support to strengthen the quality and safety of laboratory practices; (5) provides leadership for scientific workforce education and advances professional development; (6) provides leadership on public health strategy, activities, and planning; (7) creates and promotes access to quality, timely and useful cross-cutting scientific guidance, products, and services to strengthen the science and practice of public health and to improve public health decision-making. (Approved 3/26/2015)

### **Office of the Director (CPN1)**

(1) Provides strategic direction regarding surveillance, epidemiologic investigation, and data and information sciences; (2) supports DDPHSS's CDC-wide coordination and strategic activities in areas of health informatics technology, including the meaningful use of electronic health records for public health surveillance and the coordination of partners and stakeholders for biosurveillance, and publication science; (3) leads the development of public health workforce training; (4) guides the development of laboratory systems standards for quality and safety, including the Clinical Laboratory Improvement Amendments (CLIA) and engagement with relevant federal advisory committees; (5) manages, directs, coordinates, and evaluates the activities of the Center; (6) defines goals and objectives for policy formation, scientific oversight, and guidance in program planning and development; (7) establishes and implements a communications strategy in support of CSELS overarching goals and priorities; (8) provides oversight for the evaluation of programmatic performance of all CSELS activities to ensure health impact; (9) plans, coordinates, and manages all aspects of program business services including human and fiscal resources, extramural activities, space, and all administrative services; (10) devises information technology practices and procedures, and provides direction, innovation, planning and evaluation for information technology systems, services, security, and resources for CSELS; (11) provides leadership on issues management, budget formulation and performance integration; (12) manages inter-governmental and external affairs and cultivates strategic partnerships; (13) ensures scientific quality, integrity, and clearance across the Center; (14) provides guidance and strategic oversight to the processes within the Center that access, collect, manage, analyze, and visualize data, including assistance for involvement with federal advisory committees and other high level groups; (15) monitors projects for effective focus on the analytical, informatics, data management, and statistical infrastructure to deliver quality data, accurate analysis services and dependable software products and systems to customers and partners; (16) collaborates and consults with other Centers, working groups, state and local health departments, other federal agencies, and other partners, to accomplish the mission

of the Center; (17) reviews, prepares, coordinates, and develops Congressional testimony and briefing materials; (18) represents CSELS and at times CDC at professional and scientific meetings, within and outside CDC; (19) manages the MMWR series of publications, including the MMWR Recommendations and Reports, CDC Surveillance Summaries, and Annual Summary of Notifiable Diseases, and supports Public Health Reports among other publications; (20) develops, plans, coordinates, edits, and produces the MMWR series, including the MMWR Recommendations and Reports, CDC Surveillance Summaries, and Annual Summary of Notifiable Diseases; (21) manages the CDC Vital Signs program, which offers recent data and calls to action for important public health issues; (22) produces CDC Vital Signs which includes an MMWR Early Release, a fact sheet and website, a media release, and a series of announcements via social media tools; and (23) leads an agency-wide call to action each month concerning a single, important public health topic. (Approved 8/28/2019)

#### Division of Laboratory Systems (CPNB)

The mission of the Division of Laboratory Systems (DLS) is to strengthen the nation's clinical and public health laboratory system by continually improving quality and safety, informatics and data science, and workforce competency. (Approved 10/26/2017)

#### Office of the Director (CPNB1)

(1) Provides leadership and guidance on development of strategic goals, objectives, and milestones to advance the vision and mission of the Division of Laboratory Systems (DLS), the Center for Surveillance Epidemiology, and Laboratory Services (CSELS), and CDC; (2) ensures optimal planning and allocation of resources to achieve program objectives, conducts management and operations analyses, and oversees required reporting; (3) provides administrative management support, advice, and guidance to DLS regarding administrative policies, fiscal management, property management, human resources, and travel; (4) leads coordination and stewardship of DLS procurement, grants, cooperative agreements, materials management, interagency agreements, and extramural resources; (5) fosters collaborations and cross-cutting activities with other CDC components and external organizations to support the mission, activities, and operations of DLS; (6) enhances internal and external partnerships and partner/stakeholder communication; (7) provides leadership in evaluating and improving program performance, monitoring progress and accomplishments to ensure that programmatic goals are achieved with measurable impact; (8) manages issues, policy development, and tracks regulatory and legislative activities; (9) manages CDC Specimen Policy Board and the CDC/ATSDR Specimen Packaging, Inventory, and Repository (CASPIR) Advisory Committee; (10) collaborates with leadership of the Centers for Medicare & Medicaid Services (CMS) and the Food and Drug Administration (FDA) in advancement of the Clinical Laboratory Improvement Amendments (CLIA) program and oversees CDC responsibilities therein; (11) provides scientific oversight for DLS, performing scientific review and clearance for DLS publications, presentations, and reports; (12) provides DLS communications, web support, responses to media requests, and communication outreach efforts; and (13) coordinates requests from other CDC programs for international technical assistance among DLS capabilities. (Approved 10/26/2017)

#### Training and Workforce Development Branch (CPNBC)

(1) Provides leadership and support of laboratory workforce through initiatives that strengthen recruitment, retention, management, and training; (2) supports the development, promotion, adoption, and implementation of competencies relevant to the laboratory workforce; (3) develops frameworks,

models, and resources that support competency-based laboratory training, fellowships, and education; (4) engages agency and laboratory community experts to collaboratively assess and develop effective training products to maintain a competent, prepared, and sustainable national and global laboratory workforce; (5) designs and implements training pertaining to clinical and public health laboratory methodology, technology, quality and safety and practice for public health, clinical, CDC, and other federal agency laboratory professionals; and (6) evaluates the efficiency and effectiveness of public health laboratory education and training, including measuring the outcomes of all training to ensure the effective transfer of knowledge and skills to improved laboratory practice. (Approved 10/26/2017)

#### Quality and Safety Systems Branch (CPNBD)

(1) Develops, promotes, implements, and evaluates intervention strategies to improve quality and safety in clinical and public health laboratory systems; (2) provides scientific and technical support for the Clinical Laboratory Improvement Amendments (CLIA) program to assure the quality, including safety, of clinical and public health laboratory testing nationwide; (3) facilitates and conducts studies to provide scientific evidence and assess the impact of CLIA regulations and voluntary guidelines for laboratory quality and safety; (4) provides expertise and guidance in the development or revision of CLIA technical standards and voluntary guidelines for laboratory quality and safety, especially in light of new and evolving laboratory technology and practices; (5) develops, disseminates, promotes, and evaluates the impact of educational materials to support the understanding of and compliance with CLIA regulations and voluntary quality and safety guidelines; (6) hosts and manages the Clinical Laboratory Improvement Advisory Committee (CLIAC) and its workgroups on behalf of a tri-agency partnership among CDC, CMS, and FDA; (7) provides information to the laboratory medicine and public health communities, as well as policy makers, regarding the interpretation and application of the CLIA technical standards and other issues of laboratory quality and safety; (8) provides technical assistance in the review of laboratory accreditation and state licensure programs, and CLIA-approved proficiency testing programs; (9) facilitates and supports collaborations with federal partners and other stakeholders (including other CDC programs upon request) for the exchange of information about laboratory quality and safety practices, research, standards, and guidelines, and coordinates clinical and public health laboratory improvement efforts among all; (10) provides safety and quality subject matter expertise to the Training and Workforce Development Branch for the development of training courses for internal CDC laboratories and external clinical and public health laboratories; (11) provides advice and oversight of safety and quality measures, controls, practices and documents to ensure compliance of DLS laboratory areas with CDC policies, regulations, and guidelines for laboratory quality and safety (e.g., Roybal campus – Building 18 Training Laboratory and Lawrenceville campus laboratories); (12) provides scientific and technical support and guidance for CDC initiatives, programs, committees, work groups, and task forces involving use, handling, shipping, import/export, transport or storage of biological specimens and their support materials; (13) provides safety and quality-related content expertise for the development of the Laboratory Leadership Service (LLS) Fellows curriculum and serve as course instructors for LLS training classes (and to other laboratory-related workforce efforts as may be requested by other programs); and (14) serves as quality and safety advisors and liaisons to other CDC programs and offices involving clinical laboratory activities upon request (e.g., Clinical and Environmental Branch, Division of Healthcare Quality Promotion, National Center for Emerging Zoonotic Infectious Diseases (NCEZID); internal CLIA program; internal Select Agent Program, Office of the Associate Director for Laboratory Science and Safety (OADLSS); Laboratory Response Network Program Office, Division of

Preparedness and Emerging Infections, NCEZID; Emergency Operations Center).  
(Approved 10/26/2017)

#### Informatics and Data Science Branch (CPNBE)

(1) Supports the CDC Specimen Policy Board and OADLSS in the development of CDC specimen management and collection policies, and oversees implementation of those policies at CASPIR in collaboration with the CASPIR Advisory Committee; (2) develops, promotes, implements, and evaluates data science approaches for improved research of large and complex data sets in support of CLIA standards and laboratory practice; (3) maintains and leverages data acquired from national laboratory systems and other large health databases to evaluate laboratory testing events, capabilities, capacity, and public health outcomes; (4) develops solutions to strengthen the management of laboratory test service capability and capacity data, biorepositories, access to materials for standardizing laboratory testing, as well as support laboratory preparedness and workforce development activities; (5) develops and implements solutions, often with external partners and collaborators, to strengthen clinical and public health laboratory information systems, reporting of laboratory results between diagnostic facilities and healthcare providers, electronic reporting of laboratory information to electronic health records, and general preparedness of the laboratory system to respond to public health emergencies; (6) develops and implements computer-based decision support tools and mobile applications that help to inform better laboratory-related decision-making by healthcare providers; and (7) collaborates with other CDC programs to develop and promote informatics solutions for improving laboratory management, practice, and preparedness. (Approved 10/26/2017)

#### Division of Scientific Education and Professional Development (CPND)

The primary mission of the Division of Scientific Education and Professional Development (DSEPD) is to improve health outcomes through a competent, sustainable, and empowered public health workforce. In carrying out its mission, DSEPD: (1) plans, directs and manages programs that develop the current and future public health workforce (including the field of public health laboratory science and practice); (2) provides leadership in scientific workforce education and development, including quality assurance, technical consultation and evaluation; and (3) provides leadership to facilitate or coordinate CDC and partner strategic workforce initiatives to increase capability of the current workforce, expand pipeline programs to recruit new talent, strengthen systems to support the workforce, and leverage partnerships to maximally achieve goals. (Approved 3/26/2015)

#### Office of the Director (CPND1)

(1) Provides leadership and overall direction for DSEPD; (2) develops goals and objectives, and provides leadership, policy formation, scientific oversight, and guidance in scientific education and professional development program planning and development; (3) plans, coordinates, and develops workforce-related research plans for DSEPD; (4) ensures adherence and provides training to DSEPD on CDC and HHS science-related policies; (5) oversees and manages DSEPD clearance process for scientific, technical, and programmatic documents; (6) manages DSEPD communication activities, including communication product development, promotion and dissemination strategies, media relations coordination, and DSEPD websites; (7) responds to freedom of information requests and controlled correspondence; (8) coordinates all DSEPD program reviews; (9) reviews, prepares, coordinates, and develops Congressional testimony and briefing materials; (10) leads Division programmatic evaluation activities, assists DSEPD programs in establishing performance metrics, and coordinates quarterly

reviews with programs to ascertain status on meeting of the metrics; (11) coordinates DSEPD budget formulation and negotiation related to program initiatives and goals management; (12) provides leadership, oversight, and guidance in the management and operations of DSEPD programs, including agency-wide assistance with OMB requirements and policy; (13) ensures and promotes the use of best practices in scientific education and professional development processes, services, and products; (14) provides leadership and guidance on new developments and national trends for public health workforce education and training; (15) establishes policies and standards for public health education and training activities and initiatives, including but not limited to, competency development, quality assurance, and evaluation, and works collaboratively within DSEPD and other components of CDC to ensure their implementation and adoption; (16) develops and implements a crosscutting framework for planning, implementing, and evaluating fellowship training programs that provide service to the organizations where fellows are assigned (e.g., CIOs, SLHDs) and the communities they serve, and are responsive to the needs of CDC's internal workforce and to the needs of DSEPD's external partners, including the academic sector; (17) manages pilot fellowship programs in early stages of development, as needed; (18) develops and manages unified DSEPD-wide administrative systems and supports the commitment of resources for application development; (19) coordinates management information systems and analyses of data for improved use of DSEPD resources; and (20) directs systems analysis and design, programming, and systems training as it relates to implementation of new and existing administrative, management, and executive information systems; (21) provides leadership to coordinate CDC and partner strategic workforce initiatives to increase capability of existing workforce, expand pipeline programs to recruit new talent, and strengthen systems to support the workforce; and (22) represents the Division and at times CSELS or CDC at professional and scientific meetings, within and outside CDC. (Approved 3/26/2015)

#### Education and Training Services Branch (CPNDB)

(1) Plans, directs, and manages training design, development, consultation, and delivery, and accredits educational activities for entry level public health professionals and the existing public health workforce; (2) identifies and implements best practices and methods for developing the public health workforce; (3) develops evidence-based policies and standards for public health education and training activities and initiatives, including but not limited to, competency development, quality assurance, and evaluation, and provides technical assistance within DSEPD and other components of CDC to ensure their implementation and adoption; (4) develops and maintains appropriate liaisons with all fellowship programs in DSEPD, and provides technical assistance to other programs across the agency to ensure the development of rigorous educational programs based on the science of adult learning and instructional technology; (5) facilitates a cross-cutting approach and sharing of educational/evaluation lessons learned and tools across DSEPD programs, as well as other programs across the agency; (6) provides guidance in planning and implementation of the educational components of complex systems and processes to support learners, such as fellows and other learners seeking continuing education to ensure data requirements are consistent with the evaluation framework and capture educational outcomes of learners; (7) provides consultation, guidance, and technical assistance to course developers, incorporating principles of learning theory to ensure consistent design and delivery of accredited educational activities; (8) maintains knowledge of continuing education standards and applies quality assurance practices required to uphold national accreditations; (9) assesses need and demand for additional accreditations to support professional license and certification needs of technical and professional staff within the health workforce; (10) develops and maintains internal and external

partnerships to foster best practices in the design and delivery of educational activities and training; (11) maintains knowledge of information technology and learning standards as they apply to education and training to demonstrate and promote compliance and best practices by CDC programs; (12) applies the principles of instructional systems design and learning theory to design, develop, deliver, and evaluate informational and instructional products; (13) implements and maintains technology-based systems to support learners, such as CDC Training and Continuing Education Online, a web-based accreditation and registration system; (14) coordinates educational opportunities and resources for learners across public health and health care through the CDC Learning Connection website, which includes CDC TRAIN, an online portal that provides learners no-cost access to a comprehensive catalog of learning products; (15) adapts information systems and processes to reflect current best practices and adherence to accreditation requirements; and (16) provides technical assistance and guidance to learners to ensure accreditation and learner support. (Approved 3/26/2015)

#### Epidemiology Workforce Branch (CPNDC)

(1) Plans, directs, and manages CDC-wide training and service programs for teaching and training future public health professionals, and supports the existing workforce in applied epidemiology, including but not limited to the Epidemic Intelligence Service Program, Epidemiology Elective for Senior Medical and Veterinary Students, and the CDC- Hubert Global Health Fellowship; (2) plans, directs, and evaluates elementary and high school student program pipeline activities intended to increase the number of individuals aware of and choosing a career in public health; (3) sponsors complementary activities to train teachers to develop lesson plans of public health significance for middle and high school students; (4) establishes and implements overall Branch policies, plans, and procedures; (5) develops and implements a formal plan to evaluate the effectiveness of all fellowship program activities, including the completion of program activities by EIS officers (EISOs), quality of field and HQ assignments, performance of officers, and effectiveness of educational activities; (6) conducts site visits and maintains liaison with supervisors of EISOs within CDC and in field assignments; (7) coordinates the assignment and deployment of EISOs in response to natural disasters, terrorist events, and other large scale public health emergencies; (8) provides technical assistance, consultation, resources, and training for DSEPD, other components of CDC, and the broader health workforce (e.g., state and local workers), including, but not limited to the development and dissemination of standard curricula, training, and related materials, in epidemiology; (9) maintains liaison with alumni within and outside CDC to assist with training, recruitment, and promotional activities; (10) responds to domestic and international requests for assistance and consultation (e.g., Epi-Aids); (11) maintains liaison with other governmental agencies, academic institutions and organizations, state and local health agencies, private health organizations, professional organizations, and other outside groups; (12) assumes an active national and international leadership role in applied epidemiology training; and (13) collaborates, as appropriate, with the CDC/OD, other CIOs, and domestic and international agencies to carry out the functions of the branch. (Approved 3/26/2015)

#### Population Health Workforce Branch (CPNDD)

(1) Plans, directs, and manages CDC-wide training and service programs for teaching and training future public health professionals, and supports the existing workforce in applied public health sciences, including but not limited to the Preventive Medicine Residency/Fellowship, Public Health Informatics Fellowship, Prevention Effectiveness Fellowship, and the Presidential Management Fellows Program; (2) operates and maintains an accredited preventive medicine residency program for physicians in CDC

through the Accreditation Council for Graduate Medical Education and a complementary fellowship program for public health veterinarians; (3) establishes and implements overall Branch policies, plans, and procedures; (4) develops and implements a formal plan to evaluate the effectiveness of all fellowship program activities, including the completion of program activities by fellows and residents, the quality of field and HQ assignments, performance of fellows/residents, and effectiveness of educational activities; (5) conducts site visits and maintains liaison with supervisors of fellows/residents within CDC and in field assignments; (6) coordinates the assignment and deployment of fellows/residents in response to natural disasters, terrorist events, and other large scale public health emergencies; (7) provides technical assistance, consultation, resources, and training for DSEPD, other components of CDC, and the broader health workforce (e.g., state and local workers), including, but not limited to the development and dissemination of standard curricula, training, and related materials, in preventive medicine, informatics, prevention effectiveness and leadership/management and policy; (8) maintains liaison with alumni within and outside CDC to assist with training, recruitment, and promotional activities; (9) responds to domestic and international requests for assistance and consultation (e.g., Info-Aids, Econ-Aids); (10) maintains liaison with other governmental agencies, academic institutions and organizations, state and local health agencies, private health organizations, professional organizations, and other outside groups; (11) assumes an active national and international leadership role in applied public health sciences training in preventive medicine, public health informatics, prevention effectiveness, and leadership and management, and policy; (12) collaborates, as relevant, with the CDC/OD, other CIOs, and domestic and international agencies to carry out the functions of the branch; (13) fosters closer linkages between academia and public health practice; (14) supports and provides oversight for cooperative agreements with academic partner organizations to enhance development of public health and health professionals skilled in improving the health of populations; (15) provides technical consultation to academic associations regarding improvements in curriculum and experiential learning opportunities; and (16) works with partners in academia, state and local health agencies, public health and health professional organizations to address public health educational needs, including developing population health competencies for academia to improve health professional education (e.g., schools of medicine, nursing, and public health). (Approved 3/26/2015)

#### Division of Health Informatics and Surveillance Systems (CPNE)

The mission of the Division of Health Informatics and Surveillance Systems (DHIS) is to provide leadership and cross-cutting support in developing public health information systems, managing public health surveillance programs, and provisioning health-related data required to monitor control, and prevent the occurrence and spread of diseases and other adverse health conditions. DHIS strives to improve surveillance and the quality of data for decision making through a focus on transparency and trust in collaborations with public health partners while applying new and efficient information technologies, standardized data collection processes, improved data analysis methods, and versatile and user friendly information systems. DHIS promotes a multidisciplinary approach (which includes epidemiology, statistics, analytics, data management, informatics, and evaluation sciences) to assure that the surveillance programs, information systems, and data serve public health program objectives. (Approved 3/26/2015)

#### Office of the Director (CPNE1)

(1) Provides leadership and overall direction for execution of programs that support public health surveillance, access to data for public health decision making, development of public health information

systems, and the application of epidemiology and informatics to improve public health, playing a significant role in advising CDC senior leadership; (2) conducts strategic planning and establishes Division goals, objectives and priorities and assures alignment with the Center's and CDC goals, objectives and priorities; (3) provides coordination and guidance for a portfolio of projects and activities that address notifiable disease reporting, syndromic surveillance, surveillance best practices, data standards and harmonization, cutting edge IT solutions, analytic data management, software development for epidemiologic investigations, and partnership engagement on Division programs; (4) promotes a multidisciplinary approach (epidemiology, statistics, analytics, data management, informatics, evaluation sciences, and contract management) to assure that CDC surveillance and information systems serve public health program objectives; (5) works with internal and external partners to monitor and inform strategies related to informatics, data standards, health information technology, and health care-public health integration; (6) monitors progress in implementation of Division projects and activities, and evaluates the impact of Division initiatives that support CDC and the Center's goals, objectives, and priorities; (7) provides oversight and approval of scientific products including manuscripts, websites, databases, reports, and other documents; (8) assures compliance with all federal rules and regulations regarding research with human subjects, the paperwork reduction act, and data sharing; (9) facilitates scientific, policy, communication, technology, and program collaboration among Divisions and centers, and between CDC and other federal and non-federal partners; (10) provides communication and policy expertise in support of Division activities and responds to requests for information from CSELS OD and Divisions, OPHSS OD, and other internal and external organizations; (11) provides Division-level management, administration, support services, and coordinates with appropriate offices on program and administrative matters; (12) develops Division budget, monitors progress and allocation of resources, and plans for future resource requirements; (13) coordinates Division requirements relating to procurement, grants, cooperative agreements, material management, and interagency agreements; (14) provides fiscal management and stewardship of grants, contracts, and cooperative agreements, serving as a resource for robust contract management for CSELS; (15) develops and implements administrative policies, procedures, and operations for the Division; (16) represents the Division and at times CSELS and CDC at official professional and scientific meetings, both within and outside of CDC; (17) advises CSELS OD on workforce engagement CSELS-wide; (18) reviews, prepares, coordinates, and develops Congressional testimony and briefing materials; and (19) performs scientific review and clearance for Division publications, presentations, and reports.. (Approved 3/26/2015)

#### Surveillance and Data Branch (CPNEC)

(1) Provides leadership, operational support, and data management for two national surveillance programs, the National Notifiable Disease Surveillance System (NNDSS) and the National Syndromic Surveillance Program (NSSP); (2) collaborates with stakeholders to identify and analyze surveillance needs and align them with informatics solutions and data management practices and policies; (3) provides subject matter expertise (SME) and technical assistance for harmonizing data collection across surveillance programs and employing current data standards; (4) uses analytic data management techniques to provision surveillance data to CDC programs and partners, and provides analysis and interpretation for MMWR tables and reports based on NNDSS data; (5) works with CDC programs and State, Tribal, Local and Territorial (STLT) programs on business requirements for the IT solutions used for surveillance including the CDC Platform and Message Validation Processing System (CDCPMVPS) and the BioSense application; (6) manages data use agreements and memorandums of understanding for



data sharing and acquisition of external data sources (e.g., CMS, MarketScan, VA data) for use by CDC programs; (7) provides technical assistance and consultation on analytic methods, analytic data management, and analysis of complex data to other units within CDC; (8) supports the acquisition of analytic tools, and the development of analytic and visualization methods for data analysis; (9) develops and maintains the WONDER website for the dissemination of multiple data sources; (10) collaborates with CDC and STLT programs on studies of data quality, representativeness, and investigations of disease or condition occurrences; and (11) provides technical monitoring for cooperative agreements with public health partners on informatics and surveillance related projects. (Approved 3/26/2015)

#### Information Systems Branch CPNEB

(1) Provides innovative informatics solutions and services that support public health information systems for CDC programs and external partners; (2) develops and supports a portfolio of preparedness information systems including the Countermeasure Tracking Systems and the Laboratory Reporting Network; (3) provides subject matter expertise (SME) and technical support to client programs in information technology systems design, project management, data interchange strategies, data management, security, architecture, systems integration, technical standards, best practices, federal regulations, and protocols for deploying and operating systems at CDC; (4) finds opportunities for and develops shared information technology components that can be used by multiple programs and partners in order to increase efficiency, decrease cost, and promote interoperability and information sharing; (5) provides information technology services to CDC programs and external partners including modernization of legacy applications; (6) provides IT project management for two surveillance programs—the National Notifiable Disease Surveillance System and the National Syndromic Surveillance Program—including the development of the CDC Platform and Message Validation Processing System (CDCP-MVPS) the BioSense application, and the NEDSS Base System (NBS); (7) develops, maintains, and improves epidemiologic tools for data collection, data management, and data analysis, including Epi Info; (8) provides training, technical assistance, and support to public health partners and entities using Epi Info for outbreak investigations, studies, and surveillance; (9) provides SMEs, specifications, and services for standards-based data interchanges, electronic messaging, vocabulary management, message validation, security and credential management, routing and directory management; (10) provides consultation and technical assistance to CDC programs and to external partners on technical and informatics aspects of systems and tools required or endorsed by CDC; (11) provides Public Health Information Network (PHIN) certification; and (12) provides support, technical assistance, and strategic counsel to CDC programs for the transition from ICD-9 to ICD-10 (and future iterations). (Approved 3/26/2015)

#### Partnerships and Evaluation Branch (CPNED)

(1) Supports CDC and STLT Programs in the conduct of national surveillance; (2) supports and manages STLT and partner organizations cooperative agreements with regard to fiscal support and monitoring of expenditures; (3) coordinates the development of Funding Opportunity Announcements, Interim Progress Report Guidance, and Continuation Applications; (4) monitors activities of partner organizations and STLT cooperative agreements to assure program goals, objectives and key performance indicators are achieved; (5) assesses technical assistance needs of grantees and develops strategies to address those needs; (6) collaborates with other DHIS branches and programs in the development of evaluation criteria and performance measures for program planning and improvement; (7) leads and coordinates or develops and implements guidelines, uniform reporting procedures,

performance measures, and evaluation criteria for STLT and other external partner cooperative agreements and grants; (8) works with other DHIS branches to synthesize, translate, and disseminate evaluation findings, success stories, and lessons learned; (9) coordinates and supports Division training activities related to analytic data bases and data collection and information systems; (10) develops and manages collaborative relationships with grantees and partners to increase awareness, understanding, and support for DHIS initiatives and priorities; (11) supports and facilitates partnership outreach and communications to existing and new partners; (12) provides guidance and support on the establishment and governance of Communities of Practice associated with DHIS programs; and (13) provides leadership for coordinating technical assistance and support to other CDC programs, STLT grantees, and other external partners or organizations. (Approved 3/26/2015)