

CDCR INSTITUTION OR DEPARTMENT Division of Health Care Services		POSITION NUMBER (Agency – Unit – Class – Serial) 065-933-5605-001				
UNIT NAME AND CITY LOCATED Council on Criminal Justice and Behavioral Health Elk Grove, CA		CLASSIFICATION TITLE Research Scientist III (Social/Behavioral)				
		WORKING TITLE Research Scientist III (Social/Behavioral)				
		COI Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	WORK WEEK GROUP E	CBID R10	TENURE P	TIME BASE FT
SCHEDULE (WORKING DAYS AND WORKING HOURS) 8 a.m. to 5 p.m. (Approximate only for FLSA exempt classifications)		SPECIFIC LOCATION ASSIGNED TO 9272 Laguna Springs Drive, Elk Grove, CA 95758				
INCUMBENT (if known)		EFFECTIVE DATE				
YOU ARE A VALUED MEMBER OF THE CALIFORNIA CORRECTIONAL HEALTH CARE SERVICES' (CCHCS) TEAM. YOU ARE EXPECTED TO WORK COOPERATIVELY WITH TEAM MEMBERS AND OTHERS TO ENABLE CCHCS TO PROVIDE THE HIGHEST LEVEL OF SERVICE POSSIBLE. YOUR CREATIVITY AND INGENUITY ARE ENCOURAGED. YOUR EFFORTS TO TREAT OTHERS FAIRLY, HONESTLY, AND WITH RESPECT ARE CRITICAL TO THE SUCCESS OF CCHCS' MISSION.						
PRIMARY DOMAIN:		N/A				
Under the general direction of the Executive Officer, California Department of Corrections and Rehabilitation (CDCR) Council on Criminal Justice and Behavioral Health (CCJBH), the Research Scientist (RS) III plans, organizes and directs scientific research studies to provide support to the CCJBH. This unique position is also under contract with the Department of Health Care Services (DHCS) Data Management and Analytics Division (DMAD), reporting to the DMAD Research and Evaluation Section Chief. The RS III will use knowledge and expertise to plan, organize, and direct scientific research studies of a highly developed scientific scope and complexity and apply scientific approaches to critically evaluate health care, mental health, and substance use disorder utilization; quality of care, and access to effective and appropriate healthcare services and health outcomes for Medi-Cal members, specifically individuals transitioning from incarceration with high health care needs, including serious mental illness and substance use disorders. The RS III will act as a resource / team lead to management and research staff for complex advanced research and statistical analysis, large-scale linkage of DHCS and CDCR data, and improving department capacity for standardized collection and reporting of health care quality. These activities include collecting, analyzing and reporting on quality improvement projects based on quality measures. At a minimum, the incumbent will produce an annual report on trends and findings, as well as quarterly written progress reports to CCJBH. Minimal travel required.						
% of time performing duties	Indicate the duties and responsibilities assigned to the position and the percentage of time spent on each. Group related tasks under the same percentage with the highest percentage first. (Use addition sheet if necessary)					
	ESSENTIAL FUNCTIONS					
25%	Plan, organize and direct scientific research studies of a highly developed scientific scope and complexity to produce reporting on Medi-Cal enrollment, utilization and quality measures that requires contracting with other State departments (e.g., DHCS). Develop research designs to align with stakeholder priorities and emergent policy issues. Use methods and theories grounded in social and/or behavioral sciences to design and implement research projects assessing the utilization, access, effectiveness, and appropriateness of care received within DHCS programs. Perform analyses and testing to determine appropriate data linkage methodologies. Identify, implement, and automate data linkage methodologies to support strategic data exchange and planning decisions. Studies will assess available health care usage, identify trends and patterns among individuals transitioning from incarceration to strategically inform new policies and interventions, and identify					

	<p>Medi-Cal subpopulations and service areas for quality improvement. Quality measures include: coordination and continuity of care; follow-up after hospitalization for mental illness; screenings for clinical depression and other conditions; and initiation and engagement of alcohol and other drug dependence treatment.</p>
25%	<p>Implement major complex research projects prioritized by CCJBH, including but not limited to researching promising practices in the areas of behavioral health, physical health, and criminal justice / community corrections by developing a research plan; identifying data and information to collect; analyzing data using qualitative and quantitative methodology; and writing research reports in order to evaluate the impact of State and local investments on individuals transitioning from incarceration with behavioral health needs. Use software such as SAS, Structured Query Language (SQL), geographic information and data linkage software for data management and to conduct data manipulation and statistical analysis. Develop publications of scientific findings, comprehensive annual reports of quality of care for the Medi-Cal Fee-for-Service and Managed Care programs, management briefs, benchmark reports and dashboards comparing various aspects of health care service utilization and health outcomes of the Medi-Cal population who are transitioning from incarceration to nationally recognized benchmarks and clinical guidelines. Provide quarterly progress reports on work and findings to CCJBH and present at CCJBH full Council and workgroup meetings.</p>
20%	<p>Provide scientific advice and technical consultation to management, program staff and other researchers on the access, use, and analysis of data sources relevant to the behavioral health / justice-involved population, including health care services, housing services, income support services, and treatment for criminogenic risks and needs. Take an active role in advisory groups to enhance the availability, dissemination, and scientific interpretation of data relating to the behavioral health / justice-involved population. Use scientific expertise and standard procedures to ensure the scientific validity of data findings. Develop recommendations based on data to inform programs and policies being implemented by relevant entities across California.</p>
15%	<p>Communicate and coordinate with other CDCR/CCHCS Divisions, including but not limited to the CDCR Office of Research, DHCS Divisions, and other system partners, to share information about ongoing data initiatives, develop research requests, obtain data and integrate information into CCJBH's repository of data sources for reporting. Identify and expand use of a wide range of data indicators, including both existing reporting and original data analysis, for monitoring and evaluating data-informed prevention strategies.</p>
15%	<p>Provide technical assistance and scientific support, such as drafting data and research-related Requests for Proposals and reviewing submitted proposals, and conducting data analysis and interpretation to satisfy State reporting requirements and ad-hoc data requests. Conduct literature review and exploratory data analysis, as needed, to meet CCJBH's shifting policy research needs. Perform other duties as assigned, including minimal travel.</p>

KNOWLEDGE AND ABILITIES

Knowledge of: Although all applicants must possess knowledge of the following, it is expected that the level of sophistication, depth, and thoroughness of public health scientific research knowledge will vary to the class level and scientific specialty: current scientific research literature and trends applicable to the scientific research area; principles and procedures of scientific research planning, design, methodology and analysis; methods of preparation of scientific research reports; scientific statistical methods and procedures; data processing techniques; bibliographic survey or previous related scientific research techniques; determination and qualification of variables and mechanization of compilation of scientific data.

Ability to: Although all applicants must demonstrate possession of the following abilities, it is expected that level of attainment will vary relative to the class level: evaluate the adequacy of proposed scientific research designs and techniques; think independently and creatively; establish and maintain cooperative relations with professional staff and with officials of Federal, State, local, university and private research organizations; communicate effectively, prepare scientific articles for publication; prepare scientific reports; provide persuasive and skilled leadership to other staff in scientific research, principles and methods; apply professional scientific knowledge and administrative ability to resolve a variety of situations; analyze situations accurately and take effective action.

Ability to: All of the above, and plan, organize, and direct scientific research studies of a highly developed scientific scope and complexity; serve as a team leader for complex public health research or scientific investigation projects; serve as a consultant to other public health research scientists; make health-based scientific decisions within the project scope.

SPECIAL REQUIREMENTS

Pursuant to the September 27, 2021 Court Order regarding mandatory vaccinations (Case No. 01-cv-01351-JST), which requires individuals seeking employment with the Department shall provide proof of full COVID-19 vaccination or have established a religious or medical exemption to vaccination, prior to commencing employment.

DESIRABLE QUALIFICATIONS

Knowledge of: Medi-Cal, MIS/DSS, Office of Statewide Health Planning and Development data, Vital Records, SAS and Structured Query Language. Clinical quality measures, including the specifications, for National Quality Forum (NQF) and Healthcare Effectiveness Data and Information Set (HEDIS) measures.

Ability to: Demonstrate strong analytical, statistical, organizational, interpersonal, and communication skills, and expertise in statistical sampling, analytic methods and research methodologies in applied research settings; Proficiency in integrating and preparing large varied datasets. Specific experience with data mining is an asset.

SPECIAL PERSONAL CHARACTERISTICS

Incumbents must possess and maintain sufficient strength, agility, and endurance to perform during physically, mentally, and emotionally stressful and emergency situations encountered on the job without endangering their own health and well-being or that of their fellow employees or the public.

SUPERVISOR'S STATEMENT: ***I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE***

<p>SUPERVISOR'S NAME (Print)</p>	<p>SUPERVISOR'S SIGNATURE</p>	<p>DATE</p>
--------------------------------------	-------------------------------	-------------

EMPLOYEE'S STATEMENT: ***I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY***

OF THE DUTY STATEMENT		
The statements contained in this duty statement reflect general details as necessary to describe the principal functions of this job. It should not be considered an all-inclusive listing of work requirements. Individuals may perform other duties as assigned, including work in other functional areas to cover absence of relief, to equalize peak work periods or otherwise balance the workload.		
EMPLOYEE'S NAME (Print)	EMPLOYEE'S SIGNATURE	DATE