

Toxicologist

Brazoria County Crime Lab located in Angleton, Texas

Apply through this link: <https://www.governmentjobs.com/careers/brazoriacounty>

Full Time with Benefits:

TCDRS 2:1 Retirement

AUL Supplemental Retirement Savings

\$0 Premium Health Insurance/Free Employee Health Clinic/Free Telehealth

Vacation, Sick Leave, 14 Paid Holidays

Employer Paid Life Insurance, LTD, Retiree Life Insurance

Short Description:

Under limited supervision, applies scientific principles in the analysis, identification, and classification of chemical and physical substances, materials, liquids, or other physical evidence related to criminology, law enforcement, or investigative work in the crime laboratory.

Example of Duties:

Analyzes drug specimens submitted to the crime laboratory;
Conducts a thorough administrative and technical review of laboratory reports to ensure accuracy and completion of files prior to their being forwarded to the appropriate agencies;
Validation of methods related to the instrumental analysis of biological specimens
Qualifications of instrumentation used in the analysis of biological specimens
Familiar with OSAC / SWGTOX guidelines for forensic toxicology testing of blood
Working knowledge of statistical applications as it relates to uncertainty of measurement
Familiar with seized drug analysis – Replaces the 2nd qualification on the list
Analyzes drug specimens submitted to the crime laboratory;
Analyzes urine/blood specimens for the presence of drugs and/or ethanol;
Receives and logs into evidence submissions to the laboratory and places evidence into temporary storage area or refrigeration unit as proper for specific evidence;
Prepares, reviews, and signs reports and documents relating to cases;
Enters and reports cases into computer database; performs computer searches in County database for case dispositions; prepares court orders for disposal of evidence after final disposition; performs other necessary job-related computer tasks;
Collaborates with other government offices and law enforcement agencies in order to exchange information and coordinate activities; testifies for criminal court and grand jury hearings as an expert witness relating to the cases received by the laboratory;
Files, sorts, and organizes evidence in the laboratory and drug evidence vault and carries responsibility for drug and toxicology evidence care, custody, and control;
Prepares evidence for destruction by removing it from evidence storage, placing it in disposal barrel, and recording destruction completion when a court orders the destruction of the evidence;
Transports evidence, such as, but not limited to, controlled substances of substantial monetary value, to court and to disposal unit or transports for other purposes;
Maintains proper safety protocols in the laboratory in relation to handling chemical hazards, pressurized gases, biohazard risks, stick hazards present when handling syringes, risks associated with handling unknown substances

(such as fentanyl) and performs laboratory equipment maintenance to ensure a safe working order; calibrates equipment and validates instruments; maintains a safe and clean laboratory work space and environment; Must be able to review laboratory tests to ensure accuracy and completion
Documents, handles and secures standards use in conjunctions with toxicological analysis

MINIMUM QUALIFICATIONS:

Education, Experience and Training Guidelines:

Bachelor's degree in Chemistry or a related field; AND at least three (3) years of experience; OR an equivalent combination of education, training, and experience.

Knowledge of:

County and state legal principles, practices, procedures regarding the criminal justice system and court settings;
Legal terminology and various state and federal codes and agencies;
Instrumental analytical chemistry techniques including Gas Chromatography, HPLC, Mass Spectroscopy, and FTIR;
Working with mathematical concepts such as probability and statistical inference, and fundamentals of plane and solid geometry and trigonometry;
Applying concepts such as fractions, percentages, ratios, and proportions to practical situations; applying advanced geometry, algebra, trigonometry, and calculus principles to technical situations;
Modern office procedures and equipment;
Department policies, procedures and regulations covering specific areas of assignment.

Skill in:

Communicating effectively, both orally and in writing, including writing routine and technical correspondence, reports, and specialized legal documents;
Reading, analyzing, and interpreting the most complex documents;
Making effective and accurate presentations on complex technical topics to public groups and in courtroom settings;
Providing mature, experienced judgments regarding the legal and technical aspects of area of assignment;
Maintaining strict confidentiality;
Properly handling high level of responsibility and highly sensitive security information in a challenging, demanding job;
Establishing and maintaining cooperative working relationships with judges, managers, supervisor, employees, external public agencies and organizations, attorneys, and the general public;
Using initiative, discretion and decision making within established procedures, guidelines and rules;
Defining problems, collecting data, establishing facts and drawing valid conclusion;
Interpreting an extensive variety of technical instructions in mathematical or diagram form and dealing with several abstract and concrete variables;
Performing effectively under stressful working conditions;
Multitasking;
Operating a computer and various software applications.

LICENSE & CERTIFICATION REQUIREMENTS:

Must be licensed or eligible for licensing as a Toxicologist by the Texas Forensics Science Commission and must possess a valid Texas Driver's License.