David L Nieland

Subject: Database Administrator Texas A&M Corpus Christi

The position of Database Administrator is responsible for designing, implementing, and managing the database systems and procedures for the Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC). GRIIDC is a team of researchers, data specialists and computer system developers who are supporting the development of a data management system to store scientific data generated by Gulf of Mexico researchers. GRIIDC is housed at the Harte Research Institute for Gulf of Mexico Studies located on the Texas A&M University-Corpus Christi campus.

The main duties of this position include:
Designing and developing database tables, views, functions, indexes, and custom data types in PostgreSQL 9.x to provide persistent storage for a custom enterprise application.

Maintaining data integrity by implementing, managing, and testing backup and recovery solutions, maintaining high availability of database systems utilizing offsite replication, ensures security controls and measures are applied to database environments, installs, upgrades and maintains all PostgreSQL related server and administration software, and monitors activity, utilization, exceptions, and database health.

Managing and administering supporting systems and applications and/or assists with design, development, and testing of end user applications.

Producing logical and physical data models, data dictionary, and document database structure.

Documenting infrastructure and database management procedures.

Full position description and application are available at:
https://islanderjobs.tamucc.edu/postings/4846

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