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Applied Statistician Job Posting – Dow Chemical R&D

Description

Dow is seeking applications for a **new applied statistician** who is interested in a career in Research & Development in U.S. locations such as Texas or Michigan.

The successful candidate will work as an Applied Statistician in Core Research & Development (R&D) within Dow. Statistics is widely used throughout Dow in order to make the best use of data, not only to enhance the decision-making process but also to help troubleshoot and better optimize current or new product or process performance.

This role requires broad problem-solving capabilities through collaboration with various parts of Dow (from R&D, manufacturing, to commercial) and candidates should have a passion for (or interest in) applying inferential statistical methods to aid researchers in the scientific method through sound design of experiments. The candidate should also enjoy solving problems creatively by researching, developing, and applying less ordinary statistical analyses (i.e., time series, functional data, Bayesian, generalized mixed models, etc.).

The candidate will need to manage multiple projects in parallel and successfully implement statistical tools in various project areas. The candidate must also explain highly technical information in a very easily understandable manner. Key job responsibilities include:

- Supporting and promoting the application of sound experimental design strategies and statistical data analysis techniques within R&D;
- Enhancing, promoting, and revitalizing the use of sound statistical methods across the company;
- Identifying value-creation opportunities for the application of statistics;
- Conducting background and literature research, identifying, developing, and implementing new advanced statistical analysis techniques and introducing these into the company;
- Developing and delivering training on statistics, design of experiments, data analysis, and related topics;
- Meeting and consulting with clients;
- Collecting and analyzing data;
- Developing and executing automation scripts;
- Creating reports and presentations;
- Communicating results to stakeholders

Qualifications

A PhD in Statistics or an MS in Statistics with an undergraduate degree in a complimentary discipline (e.g., Statistics, Mathematics, Chemistry, Chemical Engineering, Mechanical Engineering, Materials Science, Polymer Science, Industrial Engineering, Biology, etc.). New graduates, those that expect to graduate within the next year, and post-doctoral candidates should apply (**Please send resume to the following email address (funstat@dow.com) prior to November 30th, 2019**).

About Dow

Dow (NYSE: DOW) combines one of the broadest technology sets in the industry with asset integration, focused innovation and global scale to achieve profitable growth and become the most innovative, customer centric, inclusive and sustainable materials science company. Dow's portfolio of performance materials, industrial intermediates and plastics businesses delivers a broad range of differentiated science-based products and solutions for our customers in high-growth segments, such as packaging, infrastructure and consumer care. Dow operates 113 manufacturing sites in 31 countries and employs approximately 37,000 people. Dow delivered pro forma sales of approximately \$50 billion in 2018. References to Dow or the Company mean Dow Inc. and its subsidiaries. For more information, please visit www.dow.com or follow [@DowNewsroom](https://twitter.com/DowNewsroom) on Twitter.

As part of our dedication to the diversity of our workforce, Dow is committed to Equal Employment Opportunity without regard for race, color, national origin, ethnicity, gender, protected veteran status, disability, sexual orientation, gender identity, or religion. We are also committed to providing reasonable accommodations for qualified individuals with disabilities and disabled veterans in our job application procedures. If you need assistance or an accommodation due to a disability, you may contact us at <http://www.dow.com/en-us/contact-us> or you may call us at 1-800-523-3945.