THE SCIENCE TO *your success.*

About Dow

Dow (NYSE: DOW) combines global breadth, asset integration and scale, focused innovation and leading business positions to achieve profitable growth. The Company's ambition is to become the most innovative, customer centric, inclusive and sustainable materials science company. Dow's portfolio of plastics, industrial intermediates, coatings and silicones businesses delivers a broad range of differentiated science-based products and solutions for its customers in high-growth market segments, such as packaging, infrastructure and consumer care. Dow operates 109 manufacturing sites in 31 countries and employs approximately 36,500 people. Dow delivered sales of approximately $43 billion in 2019. References to Dow or the Company mean Dow Inc. and its subsidiaries. For more information, please visit www.dow.com or follow @DowNewsroom on Twitter.

Dow is an equal opportunity employer

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2021-2022 Campus Graduate - Senior Research Statistician

Dow is seeking applications for a Senior Research Statistician who is interested in an exciting career in the chemical industry. The successful candidate will work in the Statistics group in Engineering & Process Sciences organization within Core Research & Development (R&D). The position will be primarily based in Lake Jackson, Texas.

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 optimize current or new products, and troubleshoot current processes. This role requires broad problem-solving capabilities through collaboration with various disciplines in R&D, manufacturing, and commercial businesses located globally. The ideal candidate should have a passion for applying inferential statistical methods to aid researchers in their scientific discoveries. Candidates should also enjoy solving problems by researching, developing, and applying different statistical techniques including, but not limited to: computational statistics, Bayesian methods, experimental design, functional data, machine/deep learning, multivariate data analysis, nonparametric data analysis and time series. Candidates will need to manage multiple projects simultaneously across many scientific fields (chemistry, physics, materials/polymer science, engineering, etc.) and can explain/teach highly technical information in an understandable manner to a wide array of audiences and stakeholders.

Key Job Responsibilities Include:

- Supporting, promoting, and enhancing the application of sound experimental design strategies and statistical analysis methods within R&D and across the company;
- Identifying value-creation opportunities for the application of statistics;
- Researching, identifying, developing, and implementing cutting-edge statistical analysis techniques and introducing these into the company;
- Developing and delivering training on statistical concepts related to data analysis, data visualization, measurement system assessment, experimental design, and related topics;
- Meeting and collaborating with clients;
- Collecting and analyzing data;
- Developing, testing, and deploying automation scripts;
- Communicating results to stakeholders through technical reports and presentations.

Qualifications:

- A PhD in Statistics or an MS in Statistics with industrial STEM experience is preferred.
- Candidates with a PhD in a STEM discipline with significant statistical experience are encouraged to apply.
- New graduates, those that expect to graduate by December 2021 and post-doctoral candidates should apply here no later than Wednesday 18 August 2021.

We offer Total Rewards: Competitive Salaries • Comprehensive Medical Benefits • Retirement Plans • Performance Awards • Employee Stock Ownership • Competitive Vacation Policies • Company Holidays • Flexible Work Arrangements • Parental Leave • Career Development Opportunities