



Christopher D. Muir - Quantitative Plant Scientist

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Dear Novozymes BioAg,

Please find enclosed my application for the Scientist - Biological Statistics, Global Agronomy position at Novozymes. I am excited to contribute my skills in statistics, plant science, and scientific research toward using microorganisms to improve crops, health, and the environment.

My eleven years of scientific experience in academia and industry have equipped me to rigorously analyze data and interpret the biological significance. I completed a Ph.D. in Evolutionary Biology at Indiana University in 2013, followed by an appointment as a Postdoctoral Researcher at the University of British Columbia. Currently, I am a Computational Biologist at Poisson Consulting, Ltd. where I specialize in processing, analyzing, and visualizing large biological datasets for industrial and government clients. In all my work I use advanced statistical methods and computational tools to analyze data, primarily using R, as detailed in my resumé. Most relevant to this position, my basic research and consulting work relies heavily on inferences from complex models, especially mixed models, fit using both maximum likelihood and Bayesian approaches. I have broad experience with statistical and mathematical software, so I am confident that I could learn any platform used at Novozymes. I also have excellent written and oral communication skills. During my career, I have written numerous grant and fellowship proposals totalling \$300,000, published 14 peer-reviewed articles, given 17 invited seminars at major universities, and presented my work at 11 international conferences.

I want to become a leader in sustainable agriculture research and development. I have always been motivated to learn about biological diversity so that we can use that knowledge to improve our planet. Now I am looking for the opportunity to apply my extensive scientific and analytical skills to finding solutions for sustainable agriculture.

I want to work in the Mid-Atlantic. My spouse and I are natives of Virginia and would be very excited to move back to the area, in either the RTP or Salem location, to be closer to family and friends. I am a US citizen and do not require sponsorship. I welcome opportunities to travel as part of this position. Thank you for considering my application.

Sincerely yours,

Chris Muir