Graduate Research Assistant (Ph.D or M.S.) Position in Molecular Crop Improvement

The position is in the Institute for Genomics of Crop Abiotic Stress Tolerance (IGCAST), Department of Plant & Soil Science at Texas Tech University. The IGCAST is a new institute at Texas Tech University that will focus on using state of the art functional genomics to study processes involved in the tolerance to different types of abiotic stress (drought, salinity, heat, cold and low nutrient availability) and in the use of synthetic biology for the improvement of crop abiotic stress tolerance. For more information, visit us at (http://www.depts.ttu.edu/igcast/).

The Patil lab’s research focuses on genetic improvement of economically important crops using integrated genetic engineering and genomics technologies. We seek a candidate with a background in plant molecular biology, tissue culture and genetic engineering. The prospective Ph.D. (preferred) or M.S. candidate will become a part of an active interdisciplinary research program involving plant molecular biology, genetics, genomics and bioinformatics. The student will be expected to publish research results in appropriate journals and present the findings in relevant scientific conferences. The candidate will also have opportunities for grantsmanship and professional development.

An earned B.S. or M.S. degree in plant molecular biology, genetics, horticulture, botany or a related field is required. Effective oral and written communication skills are essential; experience with molecular cloning, tissue culture, gene expression and/or genomics is desirable. Some travel and field work may be expected.

Financial support for the candidate is available through research assistantships, teaching assistantships, and university fellowships. Excellent written and oral communication, as well as strong quantitative skills, are required.

Information on graduate studies in the department and university are available at: http://www.depts.ttu.edu/pss/ProgramPages/phdplan.php and http://www.depts.ttu.edu/gradschool/

Send following application material to Gunvant Patil (gunvant.patil@ttu.edu):
- CV including a summary of education and research experience, publication activity, involvement in research grants, etc.
- A motivation letter OR research interest statement (2 page)
- Name and address of at least three academic referees
- Unofficial undergraduate/graduate transcripts.

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For further inquiries or questions related to posting, please contact: Gunvant Patil (gunvant.patil@ttu.edu), Institute for Genomics of Crop Abiotic Stress Tolerance (IGCAST), Department of Plant & Soil Science, TEXAS TECH UNIVERSITY, Lubbock, TX, 79409