Florida A&M University Research Experiences for Undergraduates (REU) Recommendation Form

_____*(Fill in Name of Applicant)*_____ has requested that you fill out a recommendation for a Summer __(*year*)__ research internship. Please complete the form below. Attached is the list of past research projects in which undergraduates have been mentored. This summer's offerings have not yet been set; however, some of the attached projects will continue and others may be added. Be assured that student interests (as indicated on their application) are used to find the best match for students and the project on which they will work. Email your recommendation to Dr. Ramesh Katam (ramesh.katam@famu.edu) Dr. Virginia Gottschalk (gladiatrx3@gmail.com).

Name	
Position	
Department	
Institution	
Length of time you have known the applicant	
Capacity in which you have known the applicant	
Potential of the applicant to conduct full-time lab research	☐ top 10 % ☐ top 25% ☐ middle 50% ☐ cannot recommend
Potential of the applicant to succeed in graduate school	☐ top 10 % ☐ top 25% ☐ middle 50% ☐ cannot recommend
Would you hire the applicant as a research assistant?	☐ Yes ☐ No
Why or why not?	
Comments:	

Outline of Undergraduate Research Projects Offered By FAMU NSF-REU Laboratory

Subject area	Projects
Functional Biology (Genomics and Proteomics)	1. Monitoring Gene Expression During Drought And Aflatoxin contamination In Drought Tolerant And Susceptible Peanuts 2. Metabolic profiling of Muscadine grape and wine Treated with Regulated Water Deficit 3. Development of PCR based detection technique for Anthracnose disease in grapevine
Metabolomics	4. Analysis of Xylem and Xylem sap Proteome to Identify Pierce's Disease Tolerant Traits in Grape 5. Differential Expression of Proteins among Diploid and Tetraploid Watermelon to understand the Evolution of Important Fruit Traits 6. Evaluation of the *in vitro* ROS Scavenging Activity of Triphala and Gallic Acid and their Potential as Anticancer Agents
Bioinformatics (Protein Modeling)	7. Protein interactions and Prediction of structure models 8. Abiotic stresses influencing Rice growth and productivity- A computational analysis