

## Current and Pending Support

(See GPG Section II.D.8 for guidance on information to include on this form.)

The following information should be provided for each investigator and other senior personnel. Failure to provide this information may delay consideration of this proposal.

Investigator: Dennis Shasha Other agencies (including NSF) to which this proposal has been/will be submitted:

Support:  Current  Pending  Submission Planned in Near Future  \*Transfer of Support  
 Project/Proposal Title:

**EAGER: Developing High-Throughput CRISPR/Single-cell RNA-seq Screening in Maize**

Source of Support: NSF  
 Total Award Amount: \$9,679 Total Award Period Covered: 09/01/2018-08/31/2020

Location of Project: NYU  
 Person-Months Per Year Committed to the Project. Cal: Acad: Sumr: 0.10

Support:  Current  Pending  Submission Planned in Near Future  \*Transfer of Support  
 Project/Proposal Title:

**NutriNet: A network inspired approach to improving Nutrient Use Efficiency (NUE) in crop plants**

Source of Support: NSF  
 Total Award Amount: \$2,518,381 Total Award Period Covered: 09/01/2014-08/31/2019

Location of Project: NYU  
 Person-Months Per Year Committed to the Project. Cal: Acad: Sumr: 1.00

Support:  Current  Pending  Submission Planned in Near Future  Transfer of Support  
 Project/Proposal Title:

**Hit-and-Run transcription: The mechanism and impact of transient interactions in dynamic gene regulatory networks that mediate rapid nutrient signaling**

Source of Support: NIH  
 Total Award Amount \$372,136 Total Award Period Covered : 09/01/2019-08/31/2024

Location of Project: NYU  
 Person-Months Per Year Committed to the Project. Cal: Acad: Sumr: 1.00

Support:  Current  Pending  Submission Planned in Near Future  \*Transfer of Support  
 Project/Proposal Title:

**Uncovering the molecular mechanisms that integrate nutrient and water dose sensing and impact crop production**

Source of Support: NSF  
 Total Award Amount \$415,539 Total Award Period Covered: 04/01/2019-03/31/2023

Location of Project: NYU  
 Person-Months Per Year Committed to the Project. Cal: Acad: Sumr: 0.53

Support:  Current  Pending  Submission Planned in Near Future  \*Transfer of Support  
 Project/Proposal Title:

**CCRI:Medium: An Infrastructure for Reproducibility and Re-Use of Computational Research**

Source of Support: NSF  
 Total Award Amount: \$125,916 Total Award Period Covered: 10/01/2019-09/30/2022

Location of Project: NYU  
 Person-Months Per Year Committed to the Project. Cal: Acad: Sumr: 0.50

\*If this project has previously been funded by another agency, please list and furnish information for immediately preceding funding period.

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Project/Proposal Title:

**RESEARCH-PGR: Comparative developmental dynamics: single-cell analysis of maize meristem trajectories**

Source of Support: NSF

Total Award Amount: \$455,374

Total Award Period Covered: 09/01/2019-08/31/2023

Location of Project: NYU

Person-Months Per Year Committed to the Project.

Cal:

Acad:

Sumr: 0.50

Support:      Current      Pending      Submission Planned in Near Future      \*Transfer of Support

Project/Proposal Title:

Source of Support:

Total Award Amount:

Total Award Period Covered:

Location of Project:

Person-Months Per Year Committed to the Project.

Cal:

Acad:

Sumr:

Support:      Current      Pending      Submission Planned in Near Future      Transfer of Support

Project/Proposal Title:

Source of Support:

Total Award Amount:

Total Award Period Covered:

Location of Project:

Person-Months Per Year Committed to the Project.

Cal:

Acad:

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Project/Proposal Title:

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Total Award Amount:

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Person-Months Per Year Committed to the Project.

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