

FY18 CSES Chick Keller Fellows

Danielle Marias Ulrich

Group: B-11

Mentor(s): S. Sevanto, EES-14 and J. Dunbar, B-11

Focus Area: Earth Systems (Keeley Costigan, Lead)

Project Title: Impacts of root associates on plant drought tolerance and carbon sequestration

Tirtha Banerjee

(Former Chick Keller Fellow, recently awarded Director's Fellow)

Group: EES-16

Mentor(s): Rod Linn and Eunmo Koo, EES-16

Focus Area: Earth Systems (Keeley Costigan, Lead)

Project Title: Modeling disturbance effects on tropical forests

Devin Goodsman

Group: EES-14

Mentor(s): Chonggang Xu, EES-14

Focus Area: Earth Systems (Keeley Costigan, Lead)

Project Title: Vegetation-insect dynamics under global warming

Maruti Mudunuru

Group: EES-16

Mentor(s): S. Karra, EES-16, H. Viswanathan, EES-16, G. Srinivasan, T-5

Focus Area: Geophysics (David Coblenz, Lead)

Project Title: Reduced-order models for subsurface sensing using internet of things (IoT) devices

Katryna Yakymenko

Group: T-5

Mentor(s): G.L. Delzanno, T-5, H. Godinez, T-5, V. Jordanova, ISR-1

Focus Area: Space (Geoffrey Reeves, Lead)

Project Title: Wave-particle interactions in the near-Earth environment

Christopher (Chris) Ren

Group: ISR-3

Mentor(s): Delzanno T-5, Godinez T-5, Jordanova ISR-1

Focus Area: Geophysics (David Coblentz)

Project Title: Earthquake Interaction