

FY19 CSES Chick Keller Postdoc Fellows

Patrick Killian

Group: T-2

Mentor(s): Hui Li, T-2 and Fan Guo, T-2

Focus Area: Astro Physics

Project Title: Kinetic Studies of Magnetic Turbulence, Dissipation and Particle Energization

Danielle Ulrich

Group: B-11

Mentor(s): Sanna Sevanto, EES-14 and John Dunbar, B-11

Focus Area: Earth Systems

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

Carolyn Begeman

Group: T-3

Mentor(s): X. Asay-Davis, T-3, L. Van Roekel, T-3, S. Price, T-3

Focus Area: T-3

Project Title: Large Eddy Simulation of the Sub-Ice-Shelf Oceanic Boundary Layer

Christopher (Chris) Ren

Group: ISR-3

Mentor(s): James Theiler, ISR-3, P. Johnson, EES-17

Focus Area: Geo Physics

Project Title: Earthquake Interaction

Kataryna Yakymenko

Group: T-5

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

Focus Area: Space Science

Project Title: Wave-Particle Interactions in the near-Earth environment

Rebecca Holmes

Group: T-5

Mentor(s): M. Rabin, ISR-DO, David Palmer, ISR-2

Focus Area: Space Science

Project Title: Building capabilities for ultra-low-light optical communication and sensing