

ALL ECSU STUDENTS ARE INVITED!



INTERNSHIP ROUNDTABLE

Thursday, September 29, 2016, 5:00 pm

Room 229, Dixon-Patterson Hall, ECSU

2016 Roundtable Agenda

Welcome & Introductions :: Dr. Linda Hayden, PI, CERSER

Introduction of Speaker :: Jefferson Ridgeway

Guest Speaker :: Jeremy Yagle - AST Data Analyst at NASA Langley Research Center

Oral Reports on 2016 Summer Internships

Jefferson Ridgeway :: NASA Langley Research Center – Langley, Virginia

Tatyana Matthews :: Apple Software Engineering Internship - Cupertino, California

Nigel Pugh :: Research Experience for Undergraduates - Indiana University

Tori Wilbon :: USDA, GIS Research Support Branch - Washington, DC

Introduction of other 2016 Summer Interns in the Audience

Guidance on 2017 Internship Opportunities :: Andrew Brumfield

Closing Comments - Dr. Linda Hayden or Roger Hathaway

Refreshments

Guest Speaker: Jeremy Yagle

AST Data Analyst at NASA Langley Research Center



Jeremy Yagle is an applied mathematician who supports the Comprehensive Digital Transformation (CDT) at NASA Langley Research Center, a center-wide effort that is contributing to NASA's Technical Excellence and enabling mission success. He helps to design, develop, and implement innovative data analytics and machine learning solutions that will help NASA scientists, researchers, and engineers. Jeremy supports projects in both Data Intensive Scientific Discovery and Knowledge Analytics, with a specific focus on pattern mining algorithms for time series data from sensors and investigating methods for adaptive sampling.

Jeremy transferred to Langley from Goddard Space Flight Center, where he supported NASA's Independent Verification and Validation (IV&V) Facility. While at IV&V, he worked with the Office of the Director to develop algorithms for the strategic assessment of new technologies related to NASA mission goals, with IV&V's Safety Support Office on research into the use of Bayesian Belief Networks as a predictive tool in hazard analysis, and with the On-Orbit Anomaly Research team to develop techniques for the statistical analysis of mission anomalies.



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