UW SEFS McIntire-Stennis Internal Research Proposals

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Director, Precision Forestry Cooperative

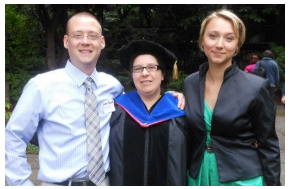
SCHOOL OF ENVIRONMENTAL AND FOREST SCIENCES
UNIVERSITY of WASHINGTON
College of the Environment

PFC
PRECISION
Forestry Cooperative


Caden Chamberlain


Drew Foster


Vivian Griffey


Justin Kirsch & Alex Kazakova


Akira Kato & Guang Zhang

McIntire-Stennis (M-S) Research Funding @ UW/SEFS

All 4 PFC labs have successfully competed in the program winning over +$1Million in funding over last 2 decades; currently 3 (Moskal, Kane & Toth) active grants

PFC PRECISION Forestry Cooperative

Established in 1962 through McIntire-Stennis (M-S) Cooperative Forestry Research Act (PL87-788) and administered by USDA National Institute of Food and Agriculture (NIFA). The purpose of the M-S Program is threefold:

1. Increase forestry research on forest productivity, utilization, and protection;
2. Train future forestry scientists; and
3. Cooperate with states in forestry research

@UW/SEFS transitioned from faculty salary funding to competitive research funding in 2000's with current version initiated in 2015

- All SEFS faculty (tenure and non-tenure track qualify to compete)
- Offered yearly RFP out in Autumn, proposal white paper due in December, selected full proposals (3-4/~10) due in spring, funding starts in Autumn year from initial RFP
- Fully supports any level graduate student in SEFS for 2 years (MS or PhD) including summers ~$110K
- Requires 100% match (can be external, but not federal grant $)
- Proposals need to align with NIFA Priority Areas and issues:
  - Areas: aims to assist all states in carrying out a program of state forestry research at state forestry schools and colleges and developing a trained pool of forest scientists capable of conducting needed forestry research, which should include: (1) ecological restoration; (2) catastrophe management; (3) valuing and trading ecological services; (4) energy conservation, biomass energy and bio-based materials development; (5) forest fragmentation: (6) carbon sequestration and climate change; and (7) ways of fostering healthy forests and a globally competitive forest resources sector.
  - Issues: (1) science of integration (ecosystem or landscape approaches including interdisciplinary multi-state projects); (2) forest ecosystem services; (3) human attitudes and behaviors; (4) conflict, uncertainty, and decision-making; (5) technological advancements (biotechnology, nanotechnology and geospatial technology), productivity, and forest applications; and (6) urban ecosystems.

UW Students! Talk with your SEFS advisors about writing a proposal to fund your graduate program!

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Email for full RFP: lmmoskal@uw.edu

Questions?

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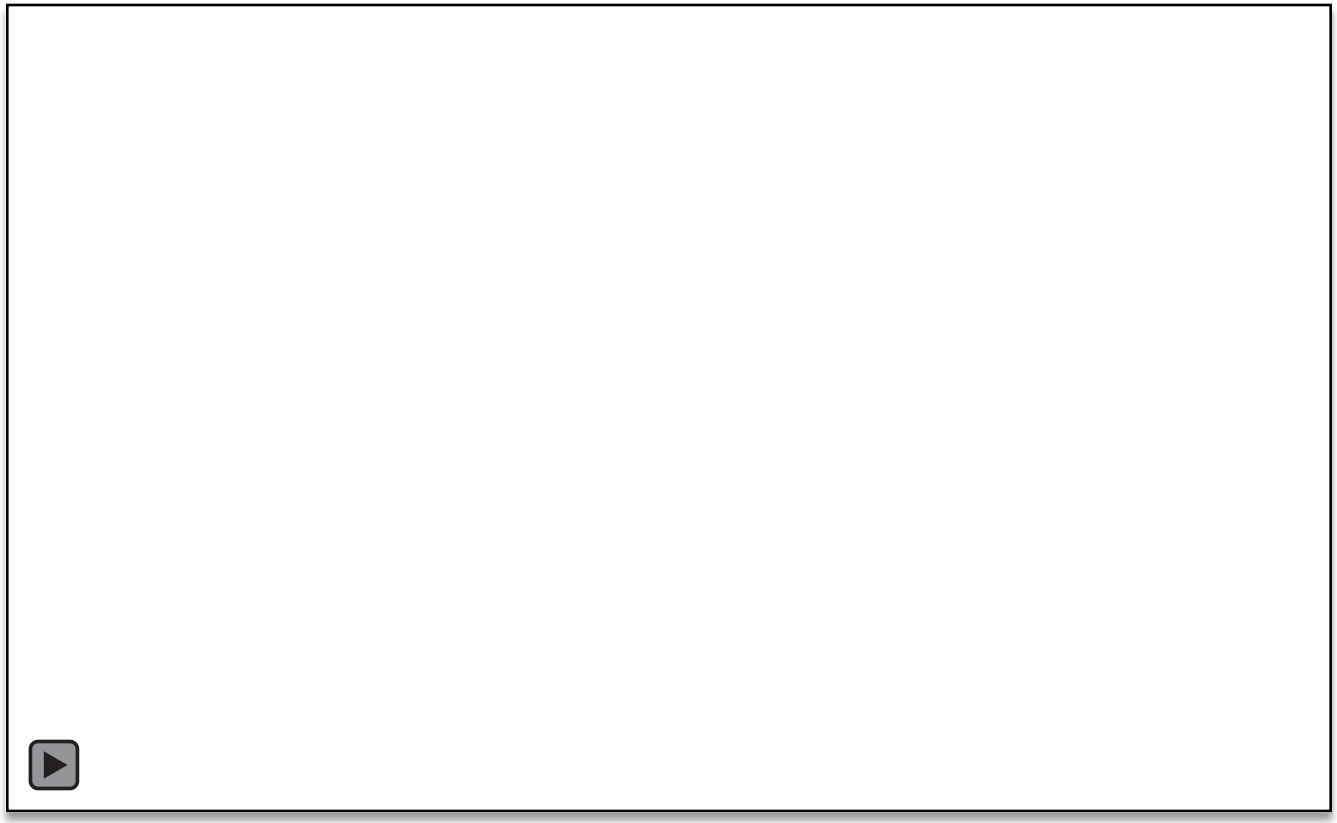
More about my research:

https://www.youtube.com/watch?v=2gRuGv5sLSc



$300 Intel RealSense LiDAR