



Undergraduate Fellowship Program

PINEMAP 2014 Annual Meeting

The Undergraduate Fellowship Program, part of the Education Aim, functions as an education and outreach component of PINEMAP. This program's structure bridges gaps between disciplinary groups and geographic regions. Additionally, vertical integration of participants allows potential for smoother transitions into graduate or faculty positions. Over two years, 17 undergraduates completed the program and reached 3,689 secondary students with a forest ecosystem or climate change related lesson. The 2014 cohort of 12 students begins this summer. Challenges include lack of a broad awareness of the program and incorporating all Aims to mentor undergraduates. Program evaluation is being conducted to assess how the program is meeting its objectives.



Figure 1. Geographic distribution of PINEMAP undergraduate fellows showing their home universities and PINEMAP institutions hosting them for summer research activities during 2012-2013.

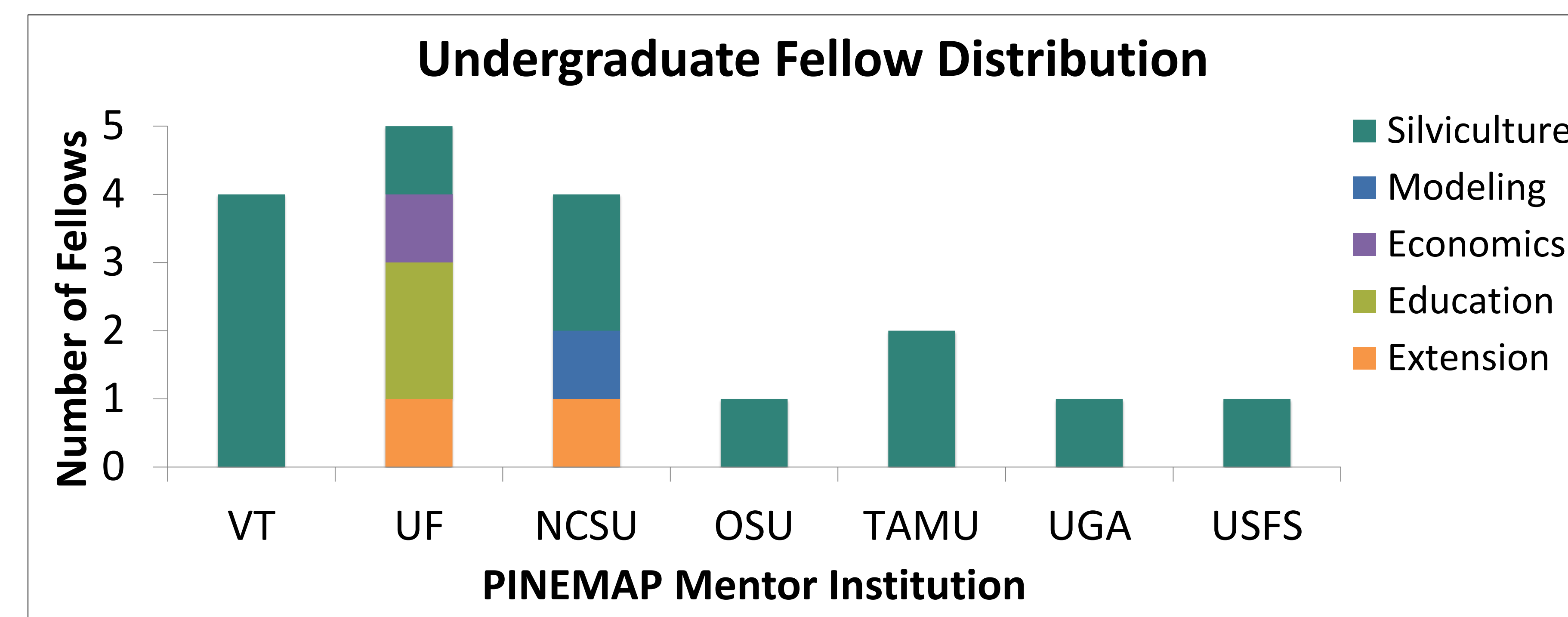


Figure 2. Distribution of PINEMAP undergraduate fellows across PINEMAP institutions and disciplines for summers of 2012 and 2013.

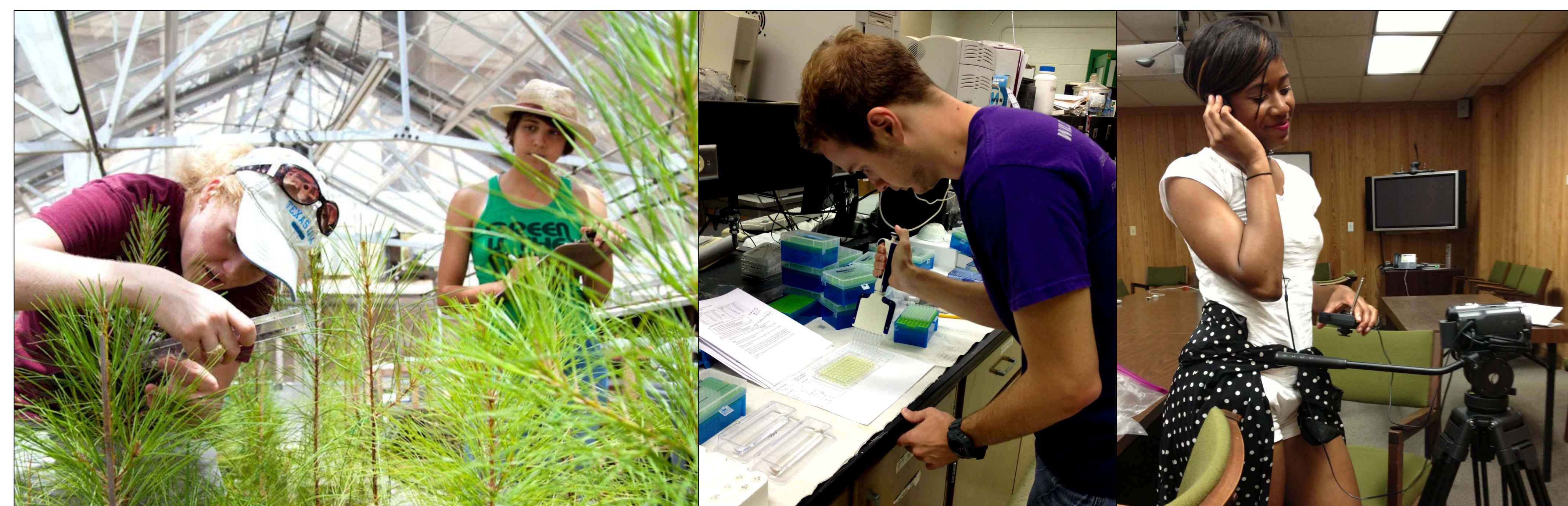


Figure 3. Undergraduates assist with ongoing PINEMAP research during the summer under direction of graduate student or faculty mentors in many PINEMAP disciplines including silviculture, education, and extension.



Figure 4. Paul Decker (far right), a 2012 fellow, teaches students about tree measurements and calculating carbon storage by trees.

Metric	2012	2013	Total
Fellowships	5	12	17
Presentations	54	107	161
Schools	14	25	39
Teachers	29	40	69
Students	1,060	2,629	3,689

Figure 5. Individuals reached through the PINEMAP Undergraduate Fellowship Program.