

# Community Spotlight

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## Q: Tell us about yourself.

I am a postdoc at MIT and will be starting as an Assistant Professor at Weber State University in Ogden, Utah in the Fall of 2023. I was born in Colombia and have been living in the states for the past 6 years.

## Q: How are you connected to the AGeS program?

I obtained an AGeS2 award during my PhD at Syracuse University.

## Q: Describe your research (Beyond AGeS).

I am a fluvial geomorphologist and conduct multidisciplinary research at the nexus between earth's surface processes, climate, and biodiversity. I am interested in questions such as how precipitation rates and tectonic uplift rates influence erosion in mountain ranges, how past changes in paleoclimate may have affected river incision and how dynamic reorganization of river basins can result in

## Q: What geochronologic techniques do you use?

I used Apatite U-Th/He. I conducted my analyses at the CUTrail laboratory at the University of Colorado Boulder under the supervision of Dr. Becky Flowers.

## Q: What excites you about your research?

I am a very curious person, and I am interested in understanding the processes and timescales that relate geological, biological, and climatic evolution.

## Q: What are your hobbies outside work?

I love to run, bike, read and watch movies.

## Q: What inspired you to get into the earth sciences?

I started studying Physics as an undergrad and it was by chance that I met a friend who was studying Geosciences and inspired me into taking some intro courses. After the first Intro to Geology class, I knew this was my passion. When I look back, I see that my family has always had a close relationship with nature. As a child we would often do fossil hunts during hikes in the mountains of Colombia.