

Sarah Brough

is an astrophysicist



“

If you don't apply, if you don't do the thing, that thing will never happen. You'll never get it. So just get on and do it.”

Sarah is an astrophysicist at the University of New South Wales in Australia studying the biggest galaxies, and the faintest ones, to learn how galaxies and their surroundings evolve over time.

Highlights:

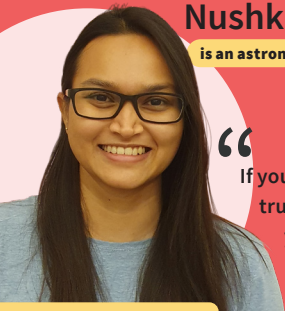
- ✦ Studies galaxies and their environments using spectroscopy
- ✦ Less obsessed with stinky penguins after visiting Antarctica
- ✦ Loves to surf



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Nushkia Chamba

is an astronomer



“

If you stumble and fall,
trust yourself to pick
yourself back up.”

Nushkia is an astronomer at Stockholm University who studies the faint outskirts of galaxies to understand how they form and to come up with a new way to measure the sizes of galaxies.

Highlights:

- ✦ Artist, fitness lover, hiker, scuba diver, & scientist!
- ✦ Originally from Sri Lanka, and has lived and traveled across continents since 2012
- ✦ Wants to be a professional boxer



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Louise Edwards

is a physics professor

“

Take your time. Try lots of different things. And don't let somebody tell you that you need to have four summers of research.”

Louise is a physics professor at California Polytechnic State University, teaching the next generation of scientists and researching the brightest galaxies and their neighbors within galaxy clusters.

Highlights:

- ✦ Studies the largest objects in the Universe, like brightest cluster galaxies and the cosmic web
- ✦ Appeared on a Canadian stamp in 2002
- ✦ First Black Canadian to get a PhD in astronomy



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Colin Orion Chandler

is a planetary scientist



“

Be persistent. Maybe
to the point of being
stubborn.”



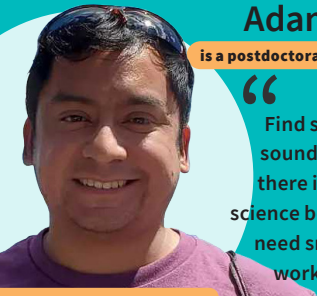
Colin Orion is a PhD student at Northern Arizona University (NAU) studying active asteroids and what they can tell us about where water exists in the Solar System and how it arrived on Earth.

Highlights:

- ✦ Co-founded an IT consulting company
- ✦ Majored in Japanese before switching to physics
- ✦ Studies active asteroids with the help of over 4000 citizen scientists



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Adam Snyder

is a postdoctoral researcher

“

Find something that sounds cool because there is so much cool science being done—we need smart people to work on this stuff!”

Adam is a postdoctoral researcher at the University of California, Davis (UC Davis) who is part of the team building Rubin Observatory's giant digital camera.

Highlights:

- ✦ Studies ghosts—phantom echoes in images caused by bright objects
- ✦ Is an adopted Indigenous Maya from Guatemala
- ✦ Found his birth family through a 23andMe DNA test



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Qingling Ni

is an astronomer

“

[There's] nothing beautiful without struggle. I think persistence is important.”

Qingling is an astronomer at the University of Edinburgh studying the bright and active centers of galaxies to learn how the largest, supermassive black holes in the universe form and evolve.

Highlights:

- ✦ Studies Active Galactic Nuclei—supermassive black holes surrounded by glowing hot gas that can be some of the brightest objects in the Universe!
- ✦ Can write, paint, play instruments, and do science!
- ✦ Has won prizes for her short films



Somayeh Khakpash

is an astrophysicist



“

Whatever you're doing,
whatever you're trying
to achieve is who you
will become in the
future.”

Somayeh is an astrophysicist searching for small changes to light signals that happen when a massive object passes in front of a background object.

Highlights:

- ✦ Has wanted to be an astronomer since she was 8
- ✦ Is an avid reader and movie-watcher
- ✦ Was born and lived in Iran until her graduate studies in the US



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Sandrine Thomas

is a scientist and Rubin leader

“

Enjoy each stage of your life, they all have very different purposes and they're all needed.”

Sandrine is a scientist who designs & tests instruments for telescopes, and helps lead an international team toward finishing Rubin's construction.

Highlights:

- ✦ Began her career at the SOAR telescope, right next door to where Rubin is now!
- ✦ Works to create positive work culture at Rubin
- ✦ Is a ballerina, rock climber, and mom of two





Bruno Quint

is a commissioning scientist

“

Most of all remember
that you are not
alone.”



Bruno is a scientist working at the observatory in Chile—he's helping install and make sure all the parts of the observatory work together like they're supposed to.

Highlights:

- ✦ Was a scientist at Rubin's neighbor observatories before joining Rubin
- ✦ Photographer who also takes night sky photos
- ✦ Black belt in ninjutsu (martial arts of ninjas)



Ardis Herrold

is an education specialist



“

Find a way to make
your dream work and
don't let it slip
through your
fingers.”

Ardis is an education specialist developing online, easy-to-use resources that include real Rubin data for intro astronomy classes.

Highlights:

- ✦ Making Rubin data available to teachers & students
- ✦ Avid geologist, rock collector, and drummer
- ✦ Built her own off-grid observatory that has two telescopes



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Anais Möller

is an astrophysicist



“

Failure is not failure.
It's just temporary.”

Anais is an astrophysicist studying things that change in the Universe like exploding stars, and develops software to alert astronomers to those changes.

Highlights:

- ✦ Has lived and worked around the world, from Venezuela to France and Australia
- ✦ Began as a physicist, now a cosmologist
- ✦ Hiker, backpacker, rock climber, and sailor!



Christian Aganze

is an astrophysicist

“

Follow your passion.
Follow things that you
like and do them, and
see what happens.”

Christian is an astrophysicist studying objects called brown dwarfs to learn about what determines which objects ignite into stars—and which ones fail to ignite.

Highlights:

- ✦ Raised in Rwanda
- ✦ Discovered astronomy for the first time in college
- ✦ Enjoys playing and listening to music—especially modern jazz or African music



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