

Amanda Bauer

Astronomer, Leader, Explorer

+1 bbb ccc-dddd



dr.amanda.bauer@gmail.com



123 ABC St
Very Special Village



I aim to engage diverse communities with inclusive stories of astronomy and space, and inspire moments of discovery in our everyday lives. I value bringing people together to achieve more than we can alone. I believe communication is fundamental to effective leadership, and support my teams by providing vision, setting clear, attainable goals, offering honest feedback, and creating a work environment that is both fun and effective.

PROFESSIONAL EXPERIENCE

Deputy Director Vera C. Rubin Observatory Operations
AURA / Arizona, USA / 2019 - Present

- Support Director in setting long-term strategy to achieve Observatory Mission
- Lead annual strategic planning process and produce documentation for sharing, tracking, and reporting progress.
- Primary author of 5-year funding proposal to two US federal agencies for ~ \$500M operating cost of the Observatory
- Oversee staffing plan and successful induction of new team members for full Rubin Operations team
- Work with oversight and advisory boards; build consensus among diverse stakeholders

Head of Education and Public Outreach
Rubin Observatory / Tucson, AZ / 2017 - 2021

- Set Mission and Vision for innovative online engagement program: [demonstration website](#)
- Develop and maintain [strategy](#) to deliver the Mission.
- Oversee financial plans and a total budget of \$12M dollars
- Manage a team of 9 individuals from different professional fields such as astronomer, educators, web developers among others
- Maintain Risk Register, Scope and Opportunity lists
- Report to oversight committees; work with advisory board; present progress to government funding agencies
- Lead rebranding process

EDUCATION

PhD / Astrophysics
University of Texas at Austin
2002 - 2008

Bachelor of Science / Physics
University of Cincinnati
1997 - 2002

AWARDS

Top 5 Under 40 Researchers and Science Communicators
ABC Radio National / 2015

NSW Community Outreach to Physics Award
Institute of Physics / 2015

Super Science Fellowship
Australian Research Council

PROFESSIONAL EXPERIENCE (cont)

Research Astronomer and Outreach Officer

Australian Astronomical Observatory (AAO) / Sydney, Australia / 2013 - 2017

- Public face and voice for AAO; Communicate critical information effectively to stakeholders and public
- Founder and coordinator of all social media; conduct social media training for staff; define and collect key performance indicators (KPIs) for evaluation of performance
- Write press releases and distribute to media; Editor of *AAO Observer* publication
- Build and maintain relationships with partner organizations through networking and media engagement
- Design and acquire funding and sponsorship for public events (including star parties)
- Lead designer of Anglo-Australian Telescope Visitor Gallery (mentoring undergraduate students)
- Maintain AAO public webpages content
- Publish astronomy research results

KEY ACCOMPLISHMENTS

Raised funding to host, and led coordination of [.Astronomy 7](#) conference in Sydney, Australia.

Host: *In Conservation with Neil DeGrasse Tyson*, 2 shows with 5000 in live audience

Publication: *A Need for Dedicated Outreach Expertise and Online Programming:*
Astro2020 [Science White Paper](#)

Curated Photo Exhibition [Stories from Siding Spring Observatory](#) featuring the bush fire over the observatory in 2013

Over 60 professional publications on astronomy research

Featured Scientist for NOIRLab Stories: [Bringing space down to Earth](#)

Regular monthly guest expert on Live National Radio program to share space news and receive questions from callers.
Australia Radio National 2013-2015

CREATIVE EXPLORATION

Podcast Co-host: "[Cosmic Vertigo](#)", Seasons 1&2
Writer / Radio National / Australia



Audio story: "[Journey to the edge of a forming galaxy](#)"
Writer, Producer / Radio National / Australia

Video: "[Total Solar Eclipse 2009](#)"
Expert / Sixty Symbols / China / 150k views

Original Song: "[Pluto, the Previous Planet](#)"
Writer / Performer / 7500 views

On Twitter [@astropixie](#) ~10,000 followers

Many school engagements including "Scientists in Schools" and Teacher Training workshops.