



Microsoft® Research WorldWide Telescope

WorldWide Telescope (WWT) is a rich visualization environment that functions as a virtual telescope, allowing anyone to make use of real astronomical data to explore and understand the Universe.



The **WWT Ambassadors Program** uses WWT as a future-leaning way to teach and learn STEM concepts by recruiting and training astrophysically-literate volunteers to be experts in using WWT as a teaching tool. Ambassadors and learners alike use WWT to create dynamic, interactive "Tours" of the Universe, which are shared in schools, public venues, and online. Ambassador-created tours are freely available and centrally managed in order to form a comprehensive learning resource for Astronomy. With NSF funding, WWT team members have created WWT-based lab experiences for K-12 and college students. WWT content is searchable and materials are distributed online from popular websites such as BetterLesson.com.

Download WWT for free at
www.worldwidetelescope.org

Find out more about WWT
 Ambassadors at
www.ambassadors.org

email for more information at
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Impact WWT provides the tools and framework to revolutionize STEM education by offering students, learners, and educators:

- unprecedented access to astronomical data, allowing them to experience the thrill of discovery that comes from exploring and understanding our universe;
- tours that guide and encourage learners to engage actively with the material;
- the ability to explore the universe in three dimensions, helping them visualize ideas that are otherwise challenging to understand through traditional media; and
- a rich visualization interface which can be transferred to other subject areas of science that also support advancement in the Natural Sciences or Engineering.

Leadership & Funding Harvard Professor Alyssa Goodman leads the WWT Ambassadors Program. Her core team includes Project Director Patricia Udomprasert, and Program Facilitator Erin Johnson. Curtis Wong, creator of WWT and Head of MSR Next Media Group, helps to guide WWT on behalf of Microsoft Research. Laura Trouille is leading the expansion of WWT to the Chicago area. WWT is funded by Microsoft Research and the National Science Foundation.

