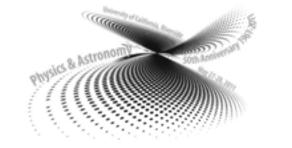
# Public Outreach and Educational Experiences in Mexico and Latin American communities in California

Mario De Leo Winkler







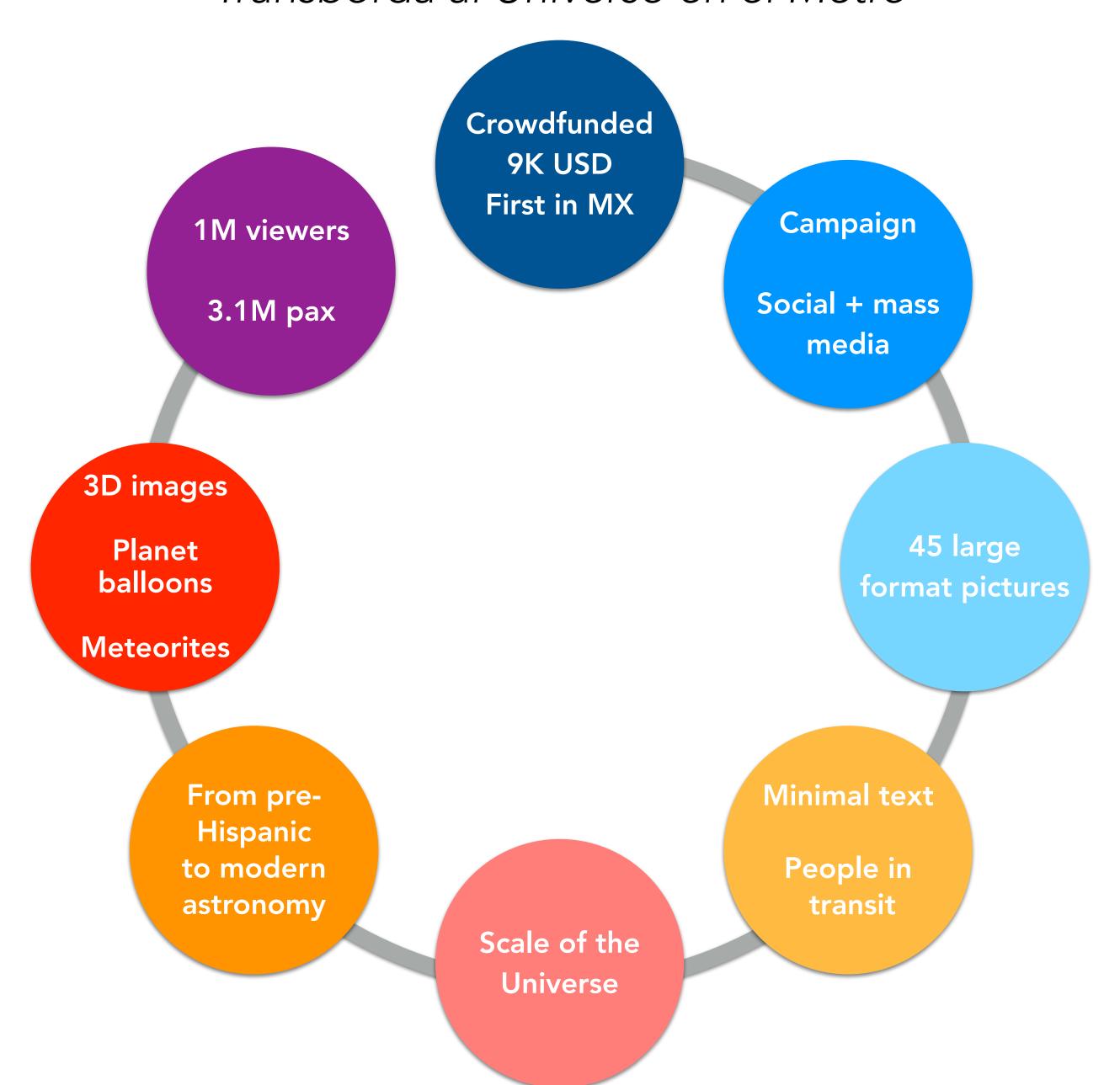




#### Outreach and education in Mexico

	Years	Performed	Attendees
Conferences	14	247	+10,000
Courses	12	32	+2,000
Telescope observations	14	+100	+100,000
Archeo-astronomical outings	13	14	+500
Movie debates	13	458	+14,000
Noche de las Estrellas	2	2	+55,000
Children's workshops	2	10	+3,000
Picture exhibitions	1	1	+1,000,000
Social Media	3		+40,000,000

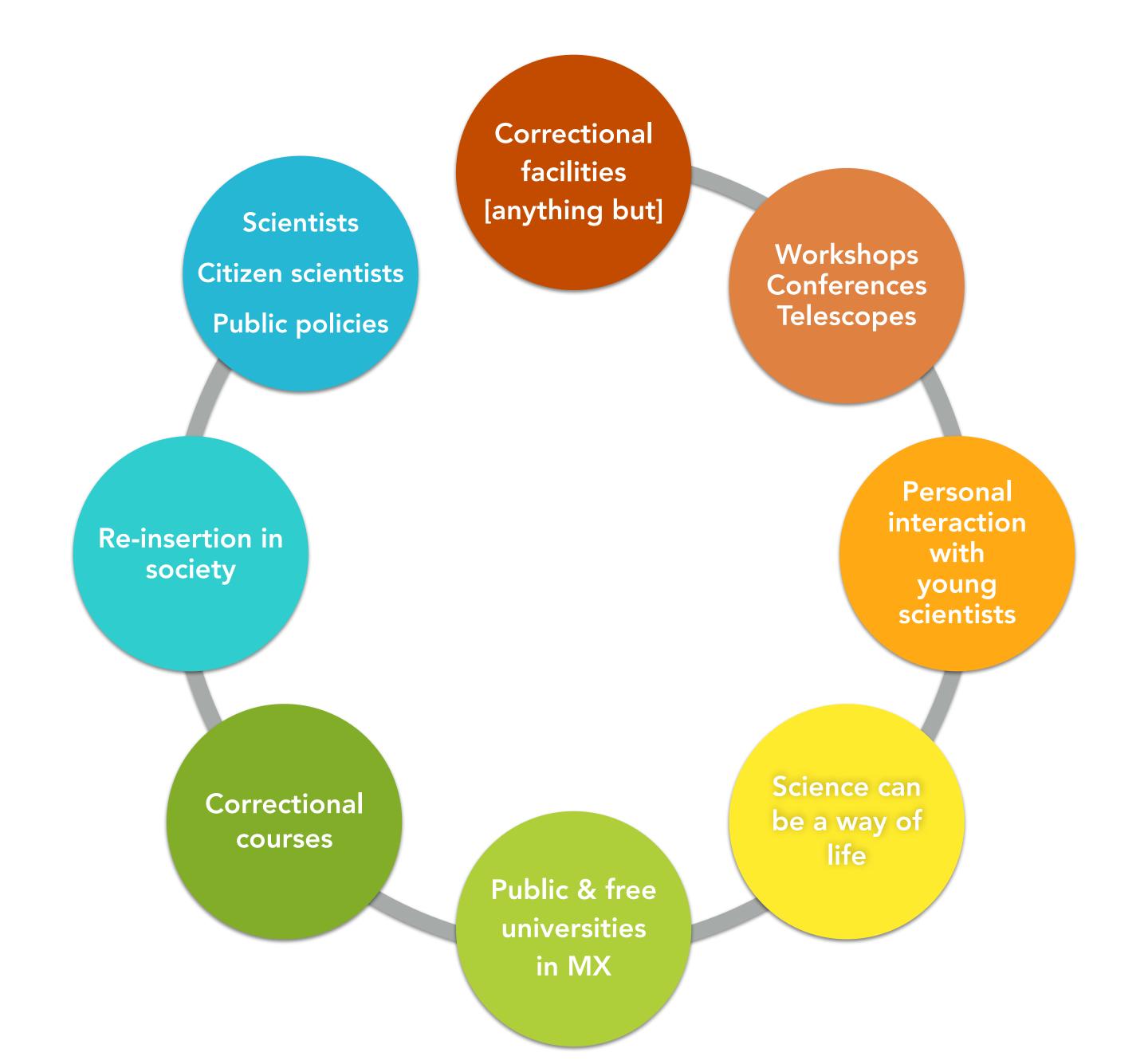
# Transfer to the Universe at the Metro Transborda al Universo en el Metro







#### Juvenile Delinquents





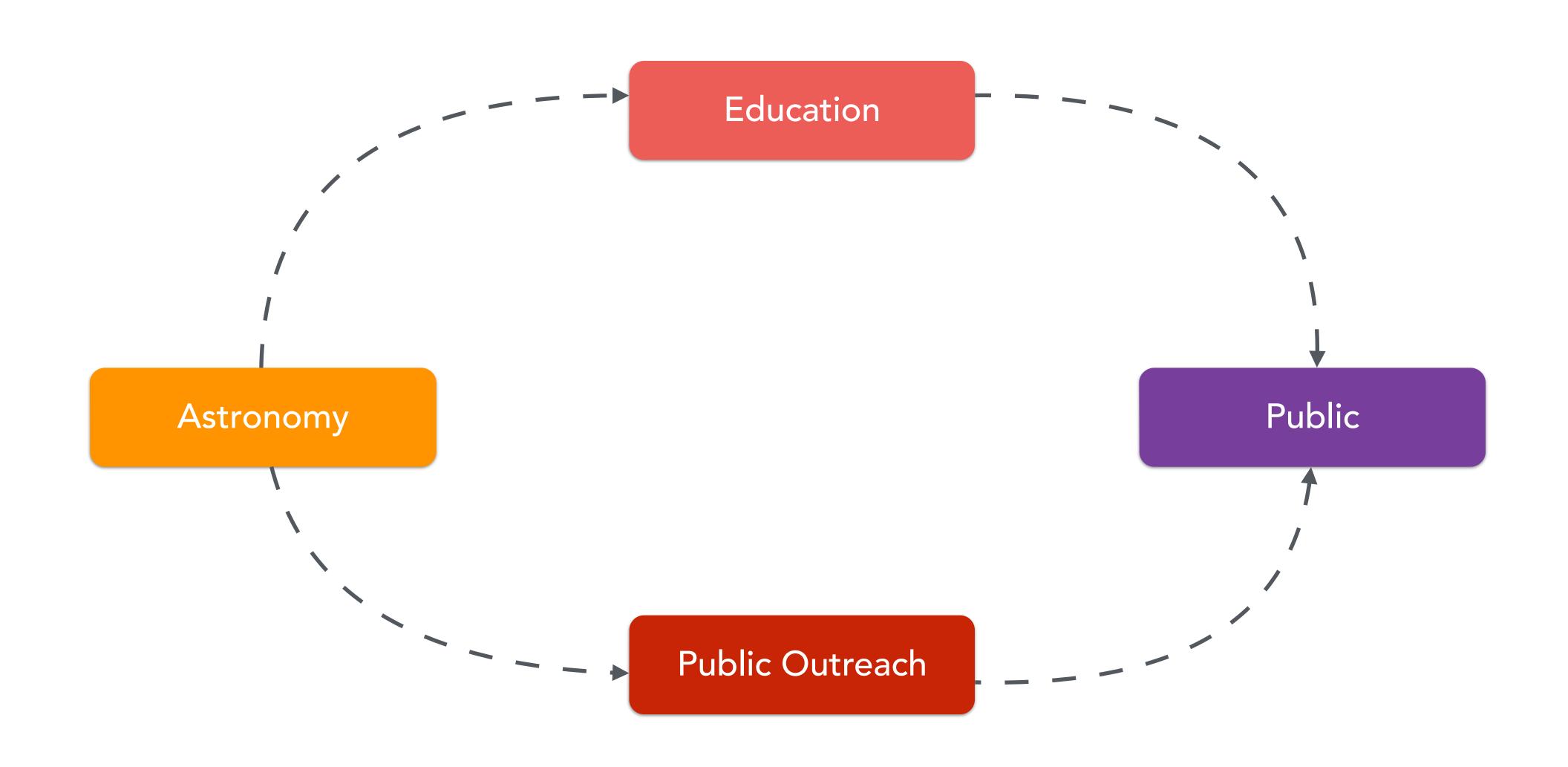




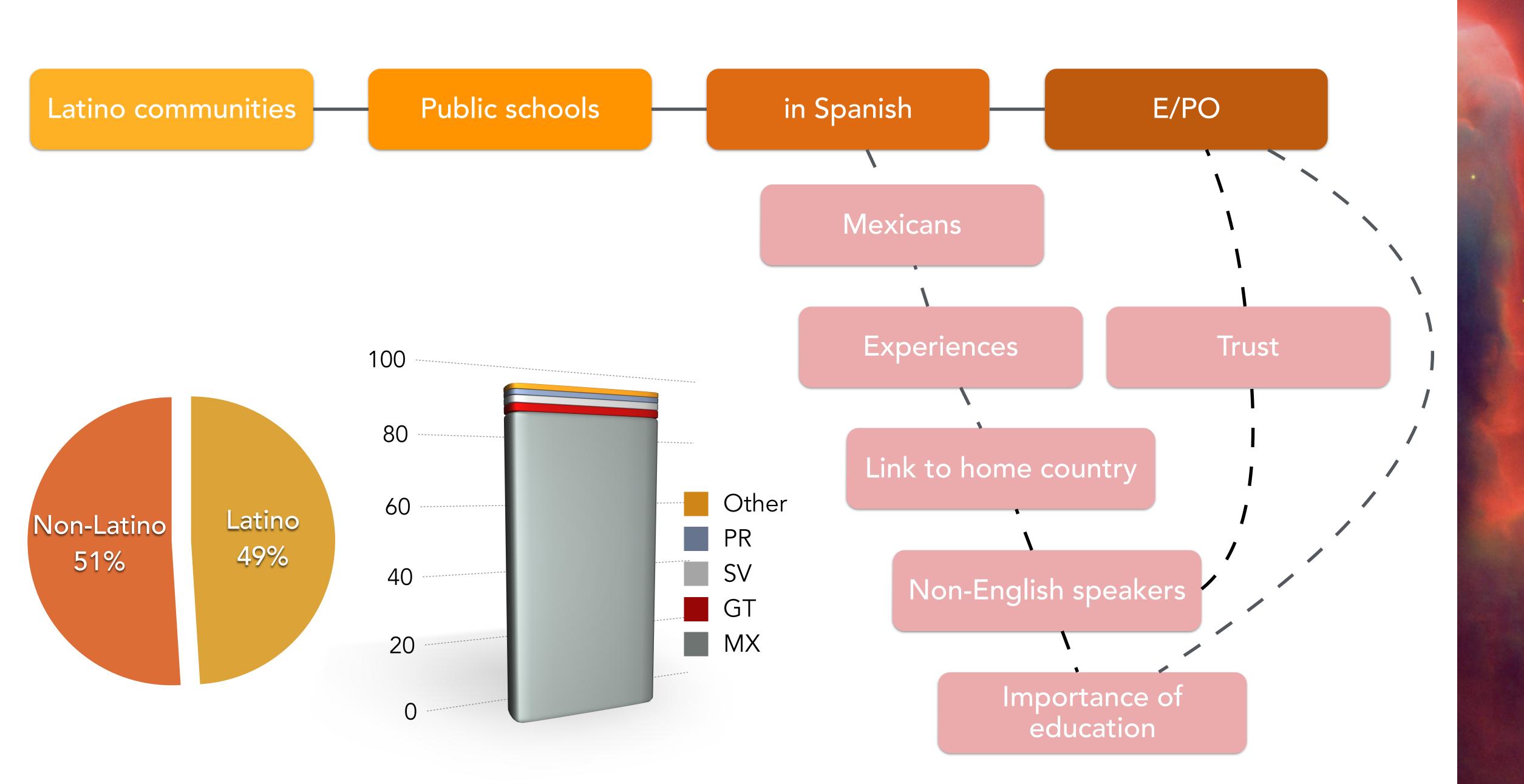
#### Strategies for Latino communities in the US

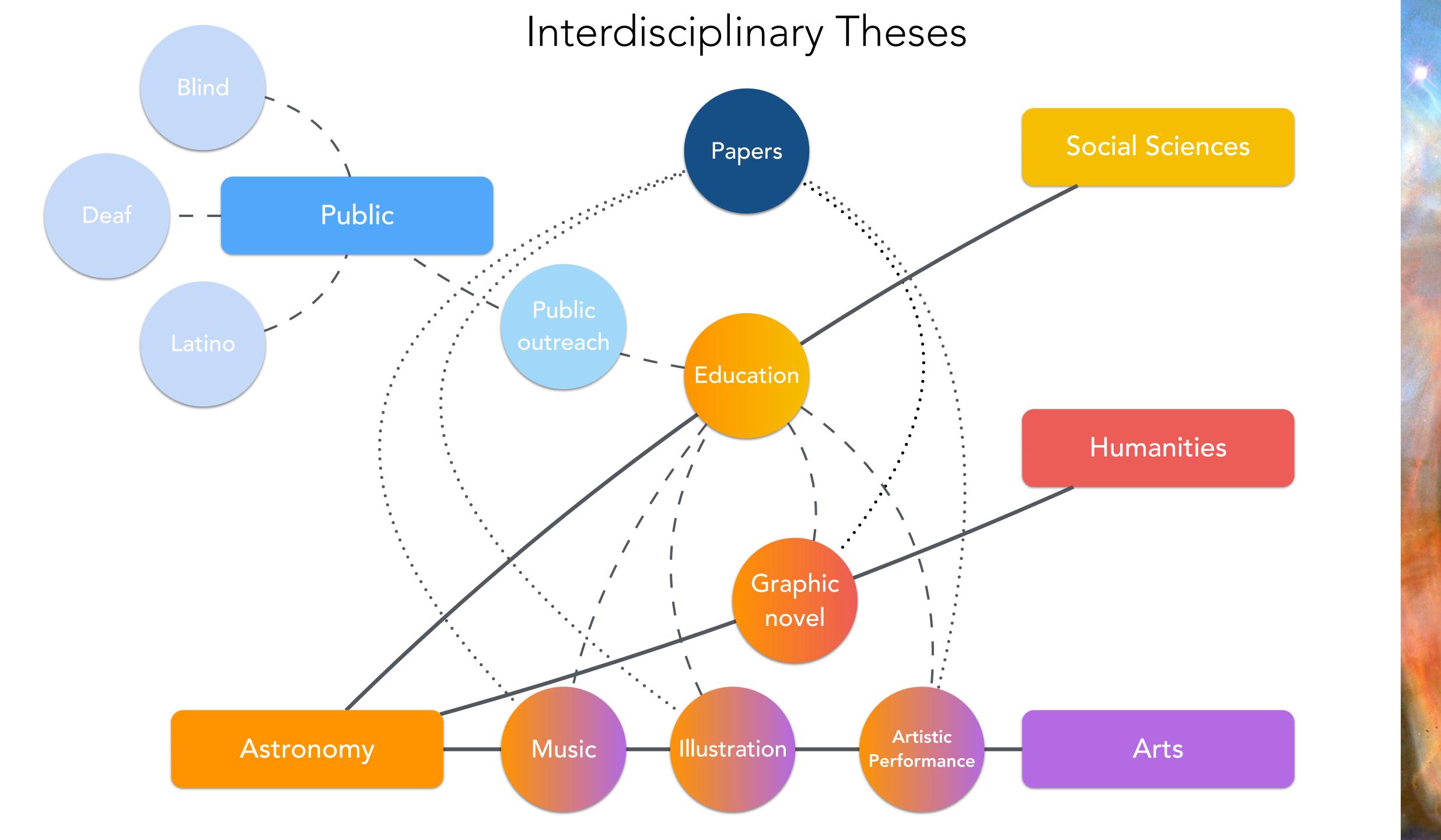


### Interdisciplinary Theses



#### Interdisciplinary Theses





#### Ryan Straka + Mario De Leo + Timothy Labour [UCR]

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doi:10.1088/0004-637X/753/1/9

THE M31 VELOCITY VECTOR. III. FUTURE MILKY WAY M31–M33 ORBITAL EVOLUTION, MERGING, AND FATE OF THE SUN

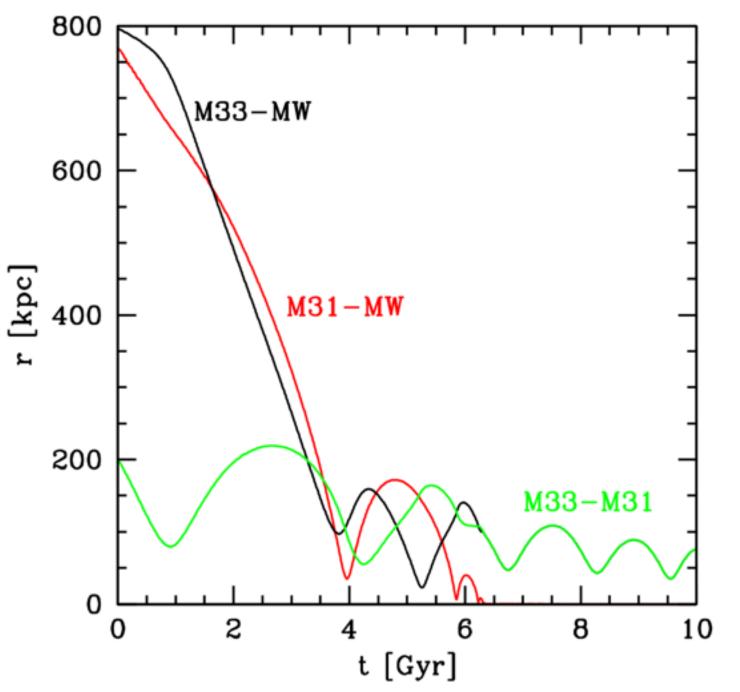
ROELAND P. VAN DER MAREL<sup>1</sup>, GURTINA BESLA<sup>2</sup>, T. J. COX<sup>3</sup>, SANGMO TONY SOHN<sup>1</sup>, AND JAY ANDERSON<sup>1</sup>

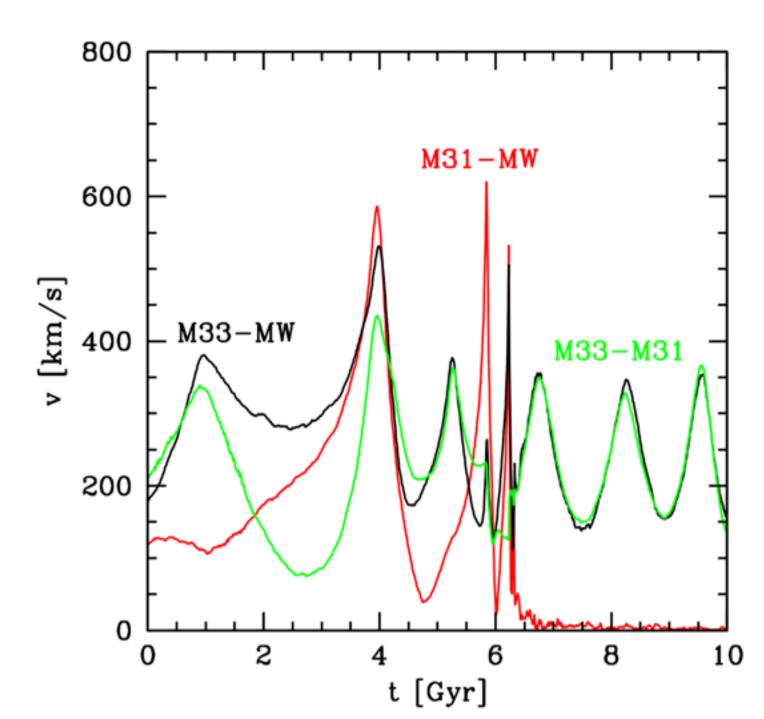
Space Telescope Science Institute, 3700 San Martin Drive, Baltimore, MD 21218, USA

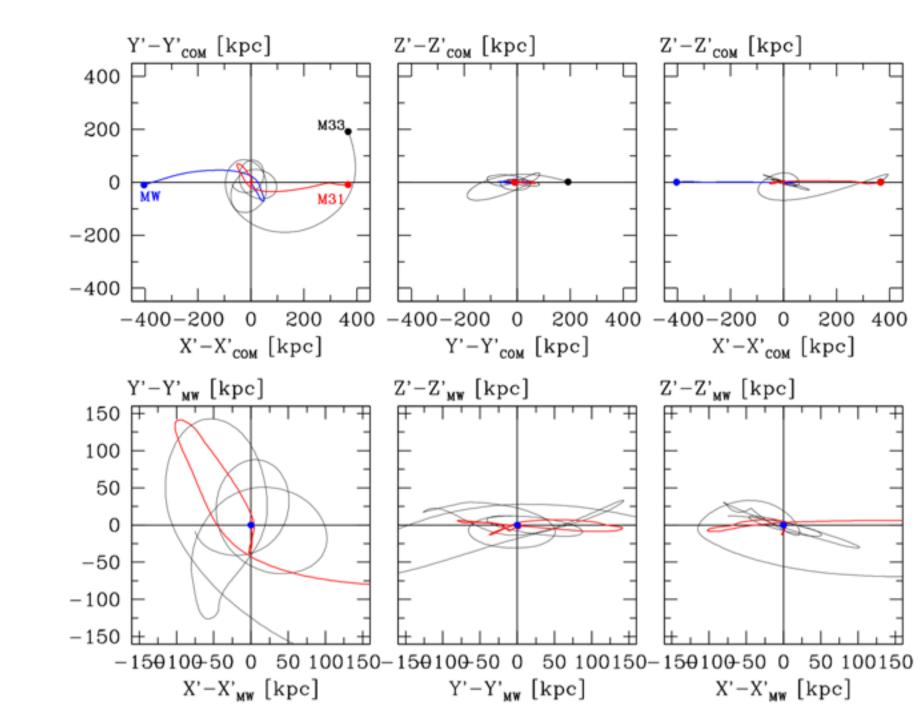
<sup>2</sup> Department of Astronomy, Columbia University, New York, NY 10027, USA

<sup>3</sup> Carnegie Observatories, 813 Santa Barbara Street, Pasadena, CA 91101, USA Received 2012 February 21; accepted 2012 April 20; published 2012 June 8



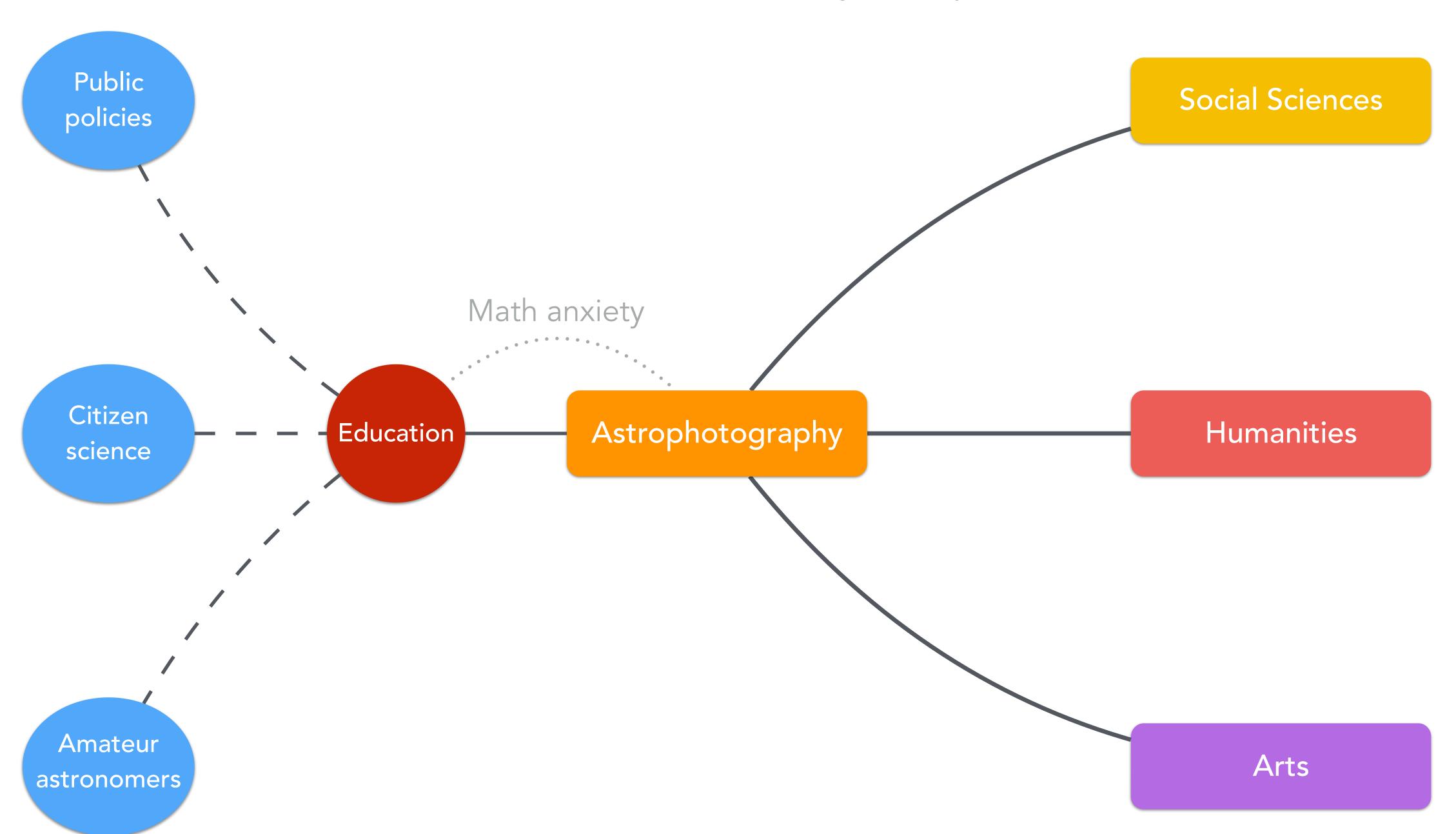








#### Astrophotography







Twelve photo mosaic of the Moon. Details: 1/20 s, ISO 100, Celestron VX 8" with Canon T5i in prime focus. Photo by J. Chen, N. Oubeid, R. Modi, S. Wong. Processing: N. Oubeid, M. De Leo. Taken in Riverside, CA. 2015.



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