

Curriculum Vitae:

Education:

Nanjing University	Nanjing	Astronomy	B.Sc, 2014
The University of Hong Kong	Hong Kong	Astrophysics	M. Phil, 2016
CUNY Graduate Center	New York	Physics	Ph.D., 2022 (Expected)

Appointments:

AstroCom NYC	Workshop Coordinator	Jun 2019 - Current
CUNY York College	Adjunct Lecturer	Sep 2018 - Current
Hong Kong University of Science and Technology	Instructional Assistant	Sep 2016 - May 2017
National Astronomical Observatories, Chinese Academy of Science	Research Assistant	July 2013

Publications:

Song, Y., Paglione, T., Tan, J., & Lee-Georgescu, C. 'A Large Population of Sub-Threshold Gamma-Ray Pulsars' 2021, submitted to ApJ

Pinto, V., Paglione, T., Song, Y., Zurek, D., & Tan, J. 'Gamma-Rays from Globular Clusters' 2021, in prep

Song, Y., & Paglione, T. 'A Stacking Search for Gamma-Ray Emission from Nearby Flare Stars and the Periodic Source TVLM 513-46546' 2020, ApJ, 900, 185S

Song, Y., Takata, J., & Cheng, K. S. 'Theoretical Study of Gamma-Ray Pulsar' 2015 JASS, 33(2), 69-73

Li, H., Li, D., Qian, L., Duo, X., Goldsmith, P. F., Noriega-Crespo, A., Wu, Y., Song, Y., & Nan. R. 'Outflows and Bubbles in Taurus: Star-formation Feedback Sufficient to Maintain Turbulence' 2015 ApJS, 210 20L

Conferences:

Pinto, V., Paglione, T., Song, Y., Zurek, D., & Tan, J. 'Gamma-Rays from Globular Clusters', 237th Meeting of the American Astronomical Society, 2021AAS, 23713002P

Song, Y., Paglione, T. 'Tentative Gamma-Ray Detection of Fast Rotating TVLM 513-46546', 235th Meeting of the American Astronomical Society, 2020AAS, 23528804S

Lomuscio, S., Garcia, M., Song, Y., Paglione, T. 'Gamma-rays from Jupiter', 235th Meeting of the American Astronomical Society, 2020AAS, 23520903L

Garcia, M., Paglione, T., Song, Y., Lomuscio, S. 'Correlating White Light and Gamma-Ray emission in Solar Flares', 235th Meeting of the American Astronomical Society, 2020AAS, 23520901G

Synergistic Activities:

Astrophysics Seminar Committee: I serve as a member for the seminar committee for the Department of Astrophysics at the American Museum of Natural History from fall 2019.

Open Pedagogy Teaching Methods: After participating in a CUNY faculty development workshop, I developed a zero-cost open educational resource syllabus for the introductory astronomy laboratory (ASTR141) I teach at York College. It is also designed to fit the pandemic-era online learning.

Peer Mentoring: I organize weekly skill development workshops for undergraduate researchers at AstroCom NYC. I also serve as a graduate student peer mentor for AstroCom NYC scholars.

Grants & Awards:

Doctoral Student Research Grant Recipient, Round 14 & 16	2019 & 2021
FAMOUS Travel Grant, American Astronomical Society	Jan 2020
CUNY Graduate Center Award for Excellence in Teaching	Aug 2020
Open Pedagogy Fellow, CUNY Graduate Center	Aug 2020
Early Research Initiative Pre-Dissertation Science Research Award	2021

Thesis Advisor:

Prof. Timothy Paglione	CUNY Graduate Center, CUNY York College & AMNH
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Collaborators:

Charles Lee-Georgescu	CUNY LaGuardia Community College
Dr. David Zurek	American Museum of Natural History
Dr. Joshua Tan	CUNY LaGuardia Community College & AMNH
Dr. Melodie Kao	Arizona State University
Samantha Lomuscio	University of Virginia
Vanessa Pinto	CUNY Hunter College