

# **Michelle S. Thompson**

Curriculum Vitae

Purdue University  
Department of Earth, Atmospheric, and Planetary Sciences  
550 Stadium Mall Drive  
West Lafayette, IN, 47907

mthompson@purdue.edu  
T: 765-494-8677

---

## **EDUCATION**

---

- |      |                                                                                                                                            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 2016 | Ph.D. in Planetary Sciences, Lunar and Planetary Laboratory (LPL)<br>Minor in Geosciences<br>University of Arizona, Tucson, AZ             |
| 2013 | M.Sc. in Planetary Sciences, LPL<br>University of Arizona, Tucson, AZ                                                                      |
| 2011 | B.Sc. in Geological Engineering, first class honors<br>B.Sc. in Biology, with distinction<br>Queen's University, Kingston, Ontario, Canada |

---

## **RESEARCH INTERESTS**

---

I am interested in understanding the alteration of planetary materials after their formation, specifically the evolution of airless body surfaces. I study these phenomena using a combination of experimental techniques and returned sample analyses. I use advanced transmission electron microscopy methods, including experimental in situ techniques to answer my research questions. This work is directly applicable to samples already returned by the Apollo and Hayabusa missions, and is relevant for the ongoing OSIRIS-REx and Hayabusa2 missions.

---

## **EXPERIENCE**

---

- |                |                                                                                                                            |
|----------------|----------------------------------------------------------------------------------------------------------------------------|
| 2018 - Present | Assistant Professor of Planetary Sciences<br>Purdue University<br>Department of Earth, Atmospheric, and Planetary Sciences |
| 2016 - 2018    | NASA Postdoctoral Fellow<br>Astromaterials Research and Exploration Science<br>NASA Johnson Space Center                   |
| 2017           | NASA Jet Propulsion Laboratory (JPL)<br>Planetary Science Summer Seminar<br>Deputy PI: Centaur Reconnaissance Mission      |
| 2011 - 2016    | Graduate Research Assistant/Associate<br>LPL, Department of Planetary Science<br>University of Arizona                     |

2014	Lloyd V. Berkner Space Policy Intern Space Studies Board National Academy of Sciences
2011 and 2009	Research Assistant Lunar and Planetary Institute NASA Johnson Space Center
2010 and 2008	Research Assistant Queen's University Royal Ontario Museum

## HONORS AND AWARDS

---

2022	College of Science, EAPS Diversity Award
2020	NASA Early Career Fellow
2019	Queen's University, <i>Excellence in Engineering</i> , Alumni Award
2018	Among the top 20 most downloaded papers for the <i>Meteoritics and Planetary Science</i> Journal between 2016 and 2017
2017	Canadian Space Agency Astronaut Candidate Finalist (top 32 of 3776)
2017	Microanalysis Society Postdoctoral Scholar Award
2016 - 2018	NASA Postdoctoral Fellowship
2016	Joseph Goldstein Scholar Award from the Microanalysis Society
2016	Geological Society of America Dwornik Student Paper Award Best Graduate Student Oral Presentation Lunar and Planetary Science Conference
2016	Lunar and Planetary Laboratory Outstanding Scholar Award
2014 - 2016	NASA Earth and Space Science Fellowship
2015	Wiley Award for Outstanding Student Presentation Meteoritical Society Meeting
2015	NASA Student Travel Award, Meteoritical Society Meeting
2015 and 2013	College of Science Galileo Scholarship, University of Arizona
2014	<i>Earth, Planets, and Space</i> Highlighted Paper of 2014
2014	Geological Society of America Dwornik Student Paper Award Honorable Mention for Graduate Student Oral Presentation Lunar and Planetary Science Conference
2014	Shandel Fund Travel Award Lunar and Planetary Laboratory

2014	Microanalysis Society Meeting Scholar Microscopy and Microanalysis Conference
2014	Lunar and Planetary Institute Career Development Award
2013	Best Graduate Student Talk Lunar and Planetary Laboratory Conference
2012 – 2015	Natural Sciences and Engineering Research Council of Canada Post-Graduate Scholarship – Doctoral Level
2011 – 2012	Natural Sciences and Engineering Research Council of Canada Post-Graduate Scholarship – Master’s Level
2011	Mineralogical Association of Canada Student Award
2011	Book Prize for Student Leadership, Queen’s University
2010	Best Poster Presentation, Rising Stars of Research Conference, University of British Columbia

## PEER-REVIEWED JOURNAL ARTICLES

- Ernst, C. E., Chabot, N. L., Klima, R. L., Kubota, S., Rogers, G., Byrne, P. K., Huack II, S. A., Vander Kaaden, K. E., Vervack, R. J., Besse, S., Blewett, D. T., Denevi, B., Goossens, S., Indyk, S. J., Izenberg, N. R., Johnson, C. L., Jozwiak, L. M., Korth, H., McNutt, R. L., Murchie, S. L., Peplowski, P. N., Raines, J. M., Rampe, E. B., **Thompson, M. S.**, and Weider, S. Z. 2021. Science Goals and Mission Concept for a Landed Investigation of Mercury. *Planetary Science Journal (Accepted)*.
- Daly, L., Lee, M. R., Hallis, L. J., Ishii, H. A., Bradley, John P., Bland, P. A., Saxey, D. W., Fougereuse, D., Rickard, W. A., Forman, L. V., Timms, N. E., Jourdan, F., Reddy, S. M., Salge, T., Quadir, Z., Christou, E. V., Cox, M. A., Aguiar, J. A., Hattar, K., Moterrosa, A., Keller, L. P., M Christoffersen, R., Dukes, C. A., Loeffler, M. J., and **Thompson, M. S.** 2021. Solar contributions to Earth’s oceans. *Nature Astronomy (Accepted)*.
- Kaplan, H.H., Simon, A.A., Hamilton, V.E., **Thompson, M.S.**, Sandford, S.A., Barucci, M.A., Cloutis, E.A., Brucato, J., Reuter, D.C., Glavin, D.P. and Clark, B.E. 2021. Composition of organics on asteroid (101955) Bennu. *Astronomy & Astrophysics* 653: L1.
- Laczniak, D. L., **Thompson, M. S.**, Dukes, C. A., Morris, R. V., Clemett, S. J., Keller, L. P., and Christoffersen, R. 2021. Characterizing the spectral, microstructural, and chemical effects of solar wind irradiation on the Murchison carbonaceous chondrite through coordinated analyses. *Icarus* 364: 114479.
- Trang, D., **Thompson, M.S.**, and 17 co-authors. 2021. The Role of Hydrated Minerals and Space Weathering Products in the Bluing of Carbonaceous Asteroids. *Planetary Science Journal* 2: 68.
- Thompson, M.S.**, Clemett, S.J., Morris, R.V., Loeffler, M.J., Trang, D., Keller, L.P., Christoffersen, R., and Agresti D.G. 2020. The Effect of Progressive Space Weathering on the Spectral, Chemical, and Microstructural Properties of Organic and Inorganic Components of Carbonaceous

Chondrites. *Icarus*: 113775.

Prince, B.S., Magnuson, M.P., Chaves, L.C., **Thompson, M.S.**, and Loeffler, M.J. 2019. Space Weathering of FeS Induced via Pulsed Laser Irradiation. *Journal of Geophysical Research – Planets* 125: e2019JE006242.

Vander Kaaden, K.E., McCubbin, F.M., Byrne, P.K., Chabot, N.L., Ernst, C.M., Johnson, C.L., and **Thompson, M.S.** 2019. Revolutionizing our Understanding of the Solar System via Sample Return from Mercury. *Space Science Reviews* 215: 49.

Hyde, B. C., Tait, K.T., Moser, D.E., Rumble II, D., and **Thompson, M.S.** 2020. Impact Accretion of Achondritic Material: A Preserved Example in the L Chondrite Breccia Northwest Africa 869. *Meteoritics and Planetary Science* 55: 20-35.

**Thompson, M.S.**, Keller, L.P., Christoffersen, R., Loeffler, M.J., Morris, R.V., and Rahman, Z. 2019. Spectral and chemical effects of simulated space weathering of the Murchison CM2 carbonaceous chondrite. *Icarus* 319: 499-511.

Howell, S.M., Chou, L, **Thompson, M.S.**, et al. 2018. Camilla: A Centaur reconnaissance and impact mission concept. *Planetary and Space Science* 164: 184-193.

**Thompson, M.S.**, Zega, T.J., and Howe, J.Y. 2017. In situ experimental formation and growth of Fe nanoparticles and vesicles in lunar soil. *Meteoritics and Planetary Science* 52: 413-427 (Cover).

**Thompson, M.S.**, Zega, T.J., Becerra, P., Keane, J.T., and Byrne, S. 2016. The Oxidation State of Nanophase Fe Particles in Lunar Soil: Implications for Space Weathering. *Meteoritics and Planetary Science* 51: 1082-1095.

Bolser, D., Zega, T.J., Asaduzzaman, A., Binguier, S., Simon, S., Grossman, L., **Thompson, M.S.**, and Domanik K.J. 2016. Microstructural analysis of Wark-Lovering Rims in the Allende and Axtell CV3 chondrites: Implications for high-temperature nebular processes. *Meteoritics and Planetary Science* 51: 743-756.

**Thompson, M.S.**, Christoffersen, R., Zega, T.J., and Keller, L.P. 2014. Microchemical and structural evidence for space weathering in soils from asteroid Itokawa. *Earth, Planets and Space* 66: 89.

## BOOK CHAPTERS

---

Vander Kaaden, K.E., McCubbin, F.M., Byrne, P.K., Chabot, N.L., Ernst, C.M., Johnson, C.L., and **Thompson, M.S.** 2020. Revolutionizing our Understanding of the Solar System via Sample Return from Mercury. Chapter in *Role of Sample Return in Addressing Major Questions in Planetary Sciences*.

Denevi, B. W., Noble, S.K., Blewett, D. T., Christoffersen, R., Garrick-Bethell, I., Gillis-Davis, J.J., Glotch, T. D., Greenhagen, B. T., Hendrix, A. R., Hurley, D. M., Keller, L. P., Kramer, G. Y., **Thompson, M. S.**, and Trang, D. 2018. Space Weathering and Exosphere–Surface Interactions. *New Views of the Moon 2*. Reviews in Mineralogy and Geochemistry (in review).

## MISSION INVOLVEMENT

---

2021 – Present	NASA OSIRIS-REx Contact Pad Working Group, Deputy Lead
2019 – Present	JAXA Hayabusa2 Mission Science Team Fine-Grained Mineralogy and Petrology Working Group
2019 – Present	Mercury Lander, Science Team Member, Planetary Mission Concept Study

## INVITED TALKS

---

American Vacuum Society Conference, Invited Talk, November 2022  
University of California Santa Cruz, May 2021  
Michigan State University, April 2022  
The Smithsonian, November 2021  
Birck Nanotechnology Center, Purdue University, October 2021  
Northern Arizona University, April 2021  
London Museum of Natural History, April 2021  
Fordham University, March 2021  
Auburn University, October 2020  
Arizona State University Center for Meteorite Studies, June 2020  
Indiana University – Purdue University Indianapolis, February 2020  
Washington University at St. Louis, February 2019  
University of Chicago, October 2018  
NASA Education Downlink Event for the International Space Station, Queen’s University, April 2018  
Microscopy and Microanalysis Conference, Hitachi, August 2016  
In-situ Heating in Aberration-Corrected STEM Workshop, Georgia Tech, 2016  
Microscopy and Microanalysis Conference, August 2015  
Naval Research Laboratory, Washington D.C., November 2014  
Carnegie Institution, Washington D.C., October 2014  
Japanese Aerospace Exploration Agency (JAXA) Hayabusa Symposium, 2013

## MEMBERSHIPS AND SERVICE

---

2022	Co-Chair, Microscopy and Microanalysis Conference
2015 - Present	Manuscript Reviewer, Icarus, Journal of Geophysical Research – Planets, Nature Astronomy, PNAS, Geochimica et Cosmochimica Acta, Meteoritics and Planetary Science, Nature Communications
2021	Science Organizing Committee, Meteoritical Society Conference
2021	Travel Awards Committee, Meteoritical Society Conference

2021	Session Convener, Microscopy and Microanalysis Conference
2021	Session Convener, Goldschmidt Conference
2020 – 2022	Antarctic Meteorite Allocation Panel
2020 - 2022	Strategic Planning Committee for the Microscopy and Microanalysis Conference
2020-2022	Extraterrestrial Materials Analysis Group, Meteorite Subcommittee Member
2020	Coordinator for NASA Planetary Science Division Early Career Round Table Discussion with NASA Associate Administrator Dr. Thomas Zurbuchen
2019 - 2020	Curation and Analysis Planning Team for Extraterrestrial Materials (CAPTEM) Meteorite Working Group (MWG) Member (disbanded)
2019 - 2021	Director (elected), Microanalysis Society (MAS) of America
2019	Manuscript Reviewer: Journal of Purdue Undergraduate Research
2019	Lunar and Planetary Science Conference (LPSC) Program Committee Lead for Space Weathering, Contributor to Mission and Instrument Concepts
2018 - 2020	Diversity Committee (Chair), Department of Earth, Atmospheric and Planetary Sciences, Purdue University
2018 - 2020	Graduate Committee, Department of Earth, Atmospheric and Planetary Sciences, Purdue University
2017, 2019	Geological Society of America Dornik Award Judge
2017, 2019	LPSC Session Chair
2018	Session Convener, Session Chair, Geological Society of America Conference
2018, 2020	Session Convener, Session Chair, Microscopy and Microanalysis Conference
2017	Secretary for the Supporting Women at NASA (SWAN) group
2016 - 2020	Panel Chief, Panel Member NASA Review Panels
2015	Organizing Committee for the Workshop on Space Weathering of Airless Bodies
2014	Organizer: Sharing the Adventure with the Student: Exploring the Intersections of NASA Space Science and Education: A Workshop run by the National Academy of Sciences

2014	Coordinator for LPL Graduate Student Policy Discussion with Dr. Jim Green, NASA Planetary Science Division Director
2012 – 2014	Coordinator for the Lunar and Planetary Laboratory Conference
2012 – 2014	Coordinator for the Graduate Student Academic Career Seminar Series, LPL
2015 – Present	Member of the Microanalysis Society of America
2014 – Present	Member of the Meteoritical Society
2012 – Present	Member of the Microscopy Society of America

## PROFESSIONAL DEVELOPMENT

---

2020	Safe Zone and Trans Inclusion Training Trained to be a better ally for the LGBTQ+ community. Coordinated by the Purdue LGBTQ+ Center.
2018	Course and Curriculum Based Undergraduate Research Workshop Participant, Geological Society of America Meeting <i>Designing and implementing research opportunities for undergraduate students in core course curricula</i>
2018	National Center for Faculty Diversity and Development Faculty Success Program <i>Participated in weekly meetings and skills-based workshops to improve faculty skills including time management, mentoring, strategic planning</i>

## TEACHING

---

2021	Instructor for Planetary Science Capstone Course, Purdue University Developed and taught lectures for 16 Senior Planetary Science Majors on the historical perspective of lunar exploration through modern day planetary science missions. Facilitated students proposing their own missions.
2020	Instructor for Geo- and Cosmochemistry, Purdue University Developed and taught lecture for 15 undergraduate and graduate students on the principles of geochemical system and the cosmochemical evolution of the solar system.
2020	Instructor for EAPS 591: Laboratory Analysis of Earth and Planetary Materials, Purdue University Developed and taught lectures for 18 undergraduate and graduate students on analytical laboratory techniques.
2019, 2021	Instructor for EAPS 243: Earth Materials I (Mineralogy), Purdue University Developed and taught lectures and labs for 35 undergraduate majors on topics including systematic mineral classification, optical microscopy, etc.

- 2019 Instructor for EAPS 591: Planetary Materials, Purdue University  
Developed and taught lectures for 35 undergraduate and graduate students on topics including mineralogy, crystallography, cosmochemistry, etc.
- 2018 Instructor for the Small Particle Handling Workshop, Lunar and Planetary Institute and Johnson Space Center  
*Instructed four students on ultramicrotomy and small particle handling techniques*
- 2013 Teaching Assistant for PTYS 170A1: Evolution of a Habitable World, LPL  
*Presented lectures, led students through in-class activities, graded coursework and tutored students during office hours and review sessions*
- 2012 Teaching Assistant for PTYS 214: Astrobiology: A Planetary Perspective, LPL  
*Presented guest lectures, provided review sessions, graded coursework, and designed and implemented in-class activities for students*
- 2009 – 2011 Teaching Assistant for GEOL 232: Mineralogy, Queen’s University  
*Prepared and taught lab sessions on optical mineralogy, basic crystallography, graded coursework and tutored students during office hours*
- 2008 Teaching Assistant for APSC 151: The Earth’s Physical Environment, Queen’s University  
*Prepared and taught lab sessions on basic geological engineering concepts, graded coursework*

## MENTORSHIP

---

### PhD Students Advised:

- 2020 – Present Alexander Kling  
Awards: Meteoritical Society Travel Grant Recipient
- 2019 – Present James McFadden  
Awards: Indiana Space Grant Consortium Recipient, Lunar and Planetary Institute Career Development Award, Henry J. Melosh Travel Award
- 2018 – Present Laura Chaves  
Awards: NASA FINESST fellowship, Amelia Earhart Scholarship, LPI Career Development Award
- 2018 – Present Dara Laczniak  
Awards: NASA FINESST fellowship, Amelia Earhart Scholarship, LPI Career Development Award, McKay award from the Meteoritical Society Meeting, Wiley Award from the Meteoritical Society Meeting, Microscopy Society of America Student Scholar, Goldstein Scholar

### Undergraduate Students Advised:

- 2021 - Present Victor Mosqueda



2021 - 2022	Brody Conner
2020 - 2021	Maizey Benner
2020	Amina Patterson
2019	Phoebe Kinzelman
2018 - 2019	Madison McGlaun
2018	Bryan Howl

Student Committees:

2021 – Present	Melissa Cashion, PhD Program
2021 – Present	Hunter Vannier, PhD program
2021 – Present	Tai-Jan (Ted) Huang, PhD program (Materials Science)
2021 – Present	Moshammat Miijum, PhD program
2020 – Present	Disha Ohkai, PhD program
2019 – Present	Amanda Rudolph, PhD program
2019 – Present	Brad Garczynski, PhD program
2019 – 2021	Jennifer Pouplin, PhD program
2021	Marie Henderson, PhD
2018	Sheridan Ackiss, PhD
2018	Kevin Graves, PhD

2015-2016	NASA Space Grant Program Intern Adviser <i>Created and supervised a research project for an undergraduate student at LPL</i>
-----------	---------------------------------------------------------------------------------------------------------------------------------

## CURRENT AND FORMER SUPPORT

---

### **Participation in NASA OSIRIS-REx Mission, 2021-2024**

PI: Michelle Thompson

### **NASA Future Investigators in NASA Earth, Space Science, and Technology, 2021**

Title: *Investigating space weathering of carbon-rich asteroidal regolith through experimental simulations and returned sample analysis*

PI: Michelle Thompson

### **NASA Future Investigators in NASA Earth, Space Science, and Technology, 2020**

Title: *Investigating the Role of Sulfides and Fe-Oxides in the Space Weathering of Asteroidal Regoliths*

PI: Michelle Thompson

### **NASA Solar System Workings Program, 2020**

Title: *Investigating the Role of Sulfides and Fe-Oxide Minerals in the Space Weathering of Asteroidal Regoliths*

PI: Michelle Thompson

### **NASA Early Career Fellowship, 2020**

Title: *Laboratory studies of the Evolution of Airless Planetary Surfaces (LEAPS)*

PI: Michelle Thompson

### **NASA Solar System Workings Program, 2019**

Title: *Quantifying Solar Wind-Derived Water in Space Weathered Lunar Soils*

PI: Michelle Thompson

**Purdue Instructional Equipment Grant Program, 2019**

Title: *Enabling Active Learning Across the Curriculum with a Tabletop Scanning Electron Microscope*

PI: Michelle Thompson

**NASA Planetary Mission Concept Studies, 2019**

Title: *Mercury Lander*

PI: Carolyn Ernst, Collaborator: Michelle Thompson

**NASA Laboratory Analysis of Returned Samples Program, 2019**

Title: *Combining Novel Experimental Techniques with Returned Sample Analyses to Better Understand the Space Weathering of Planetary Surfaces*

PI: Michelle Thompson

**NASA Apollo Next Generation Sample Analysis Program, 2019**

Title: *Consortium for the Advanced Analysis of Apollo Samples*

PI: Charles Shearer, Co-I: Michelle Thompson

**NASA Solar System Workings Program, 2018**

Title: *An Experimental Investigation of Space Weathering Processes of Regoliths on Primitive Carbonaceous Asteroids*

PI: Michelle Thompson

**NASA Postdoctoral Program Fellowship, 2016**

Title: *Understanding Space Weathering of Carbonaceous Asteroids: Analysis of Experimental Analog Samples in Preparation for Results from Dawn at Ceres, and the OSIRIS-REx and Hayabusa2 Sample Return Missions*

PI: Michelle Thompson, Adviser: Lindsay Keller

**SELECTED SAMPLE PROPOSALS**

---

**Lunar Sample Proposal, NASA**

*Quantifying Water in Space Weathered Lunar Soils*

PI: Michelle Thompson, 2 lunar soils awarded

**Hayabusa Sample Proposal, Japanese Aerospace Exploration Agency (JAXA)**

*Understanding the Microstructural and Chemical Signatures of Space Weathering in Sulfide Minerals*

PI: Michelle Thompson, 5 particles awarded

**PUBLIC OUTREACH**

---

2019 – 2022                      Volunteer Speaker on Topics in Space Exploration for 120 high school students at Cobourg Collegiate Institute

2019                                      Speaker for Purdue Undergraduate Research Program

2017 – 2019                      Volunteer for Letters to a Pre-Scientist Program which serves low-income elementary school children

2012- Present	Volunteer Speaker for Careers in Science, low-income and rural schools in the US and Canada
2017	Volunteer Speaker for Careers in the Geosciences, University of Toronto
2016	Volunteer Speaker for Space Drafts: Public Lecture Series
2015	Volunteer for the Art of Planetary Science Event, LPL
2015	Volunteer for Bennuval: An Evening of Space, Art, and Music
2012 – 2015	Presentation on Careers for Women in Science Flandrau Science Center, AZ, and CDCI West High School, ON, Canada
2014	Presentation on Careers in Science for at-risk youth in Tucson
2013	Coordinator for the Starlight Science Cinema with the College of Science at UA
2012 – Present	OSIRIS-REx Mission Ambassador
2012	Volunteer for Science Downtown Student Enrichment Activities
2011	Founder of the Geology Help Center for Undergraduate Tutoring, Queen's University

## MEDIA AND PUBLIC ARTICLES

*"The Story of the Moon Rock in Joe Biden's Oval Office"* Popular Mechanics

URL: <https://www.popularmechanics.com/space/moon-mars/a35280443/joe-biden-has-moon-rocks-in-the-oval-office/>

*"Full Steam Ahead Podcast Episode 86 – Asteroid Research"*, Fox 59 Full Steam Ahead Podcast,

URL: <https://fox59.com/news/full-steam-ahead-podcast-episode-86-asteroid-research/>

*"Asteroid explorer collects first samples thought to be rich in organic compounds; a Purdue scientist will be among the first to study"*, Purdue University News

URL: <https://www.purdue.edu/newsroom/releases/2020/Q4/asteroid-explorer-collects-first-samples-thought-to-be-rich-in-organic-compounds-a-purdue-scientist-will-be-among-the-first-to-study.html>

*"Rocks, Rockets and Robots: The Plan to Bring Mars Down to Earth"*

Scientific American

URL: <https://www.scientificamerican.com/article/rocks-rockets-and-robots-the-plan-to-bring-mars-down-to-earth/>

*"Dr. Thompson to Investigate Untouched Apollo Samples"*

Purdue EAPS

URL: <http://www.eaps.purdue.edu/news/articles/2019/thompson-apollo.html>

*"Single moon dust grain collected during Apollo 17 'preserves millions of years of history'"*  
CNN

URL: <https://www.cnn.com/2020/02/07/world/moon-dust-grain-apollo-17-scn/index.html>

*"The Lafayette Meteorite and Purdue's 150th Anniversary Celebration"*

The Meteorite Times

URL: <https://www.meteorite-times.com/the-lafayette-meteorite-and-purdues-150th-anniversarycelebration/>

*"Chunk of the Lafayette Meteorite from Mars returns to Purdue"*

Purdue Giant Leaps Series

URL: <https://takegiantleaps.com/chunk-of-the-lafayette-meteorite-from-mars-returns-to-purdue/>

*"Dr. Thompson to Investigate Untouched Apollo Samples"*

Purdue EAPS

URL: <http://www.eaps.purdue.edu/news/articles/2019/thompson-apollo.html>

*"Spotlight on Dr. Michelle Thompson"*

NASA Postdoctoral Program Post Document

URL: [https://npp.usra.edu/shared/program/npp/pdfs/newsletters/NPP\\_Newsletter\\_2018-04.pdf](https://npp.usra.edu/shared/program/npp/pdfs/newsletters/NPP_Newsletter_2018-04.pdf)

*"Downlink Event a Stellar Success"*

Queen's University Alumni Review Magazine

URL: <https://www.queensu.ca/gazette/alumnireview/stories/quid-novi-whats-new-and-campus-may-2018>

*"Space Dust and Doughnuts"*

Queen's University, March 2018

URL: <http://www.queensu.ca/research/michelle-thompson>

*"UA Graduate Sets Sights on the Sky"*

Arizona Public Media, February 2017

URL: <https://news.azpm.org/p/news-articles/2017/2/22/106569-ua-graduate-sets-sights-high-in-the-sky-science-in-space/>

*"Bewdley native Michelle Thompson in contention to become astronaut"*

NorthumberlandToday, February 2017

URL: <http://www.northumberlandtoday.com/2017/02/21/bewdley-native-michelle-thompson-in-contention-to-become-astronaut>

*"Former Northumberland resident Michelle Thompson Canadian Space Agency astronaut candidate"*

Northumberland News, February 2017

URL: <http://www.northumberlandnews.com/news-story/7144626-former-northumberland-resident-michelle-thompson-canadian-space-agency-astronaut-candidate/>

*"Asteroid, (or sample from one) headed our way"*

Arizona Daily Star, June 2016

URL: [http://tucson.com/news/science/asteroid-or-a-sample-from-one-headed-our-way/article\\_60373f56-5229-5456-80af-9c694ac81e47.html](http://tucson.com/news/science/asteroid-or-a-sample-from-one-headed-our-way/article_60373f56-5229-5456-80af-9c694ac81e47.html)

*"UA Scientists Bring Fact to Fiction"*

Arizona Daily Wildcat, September 2013

URL: <http://www.wildcat.arizona.edu/article/2013/09/ua-scientists-bring-fact-to-fiction>

*"Michelle Thompson: Space Dust"*

The Complete Engineer, Queen's University, July 2011

URL: <http://engineering.queensu.ca/News-Events/files/TheCompleteEngineer2010Summer.pdf>

*"Away from Home"*

The Vinyl Café Story Exchange, Canadian Broadcasting Company (CBC)

<https://www.vinylcafe.com/storyarchive/2015/9/24/away-from-home>