

# Carlos Mariscal

carlos@philbio.org  
+1 (919) 699-3659  
carlosmariscal.com

Department of Philosophy  
University of Nevada, Reno  
Jones Bldg. 103A—MS 0102  
Reno, Nevada 89557-0102

## Academic Positions

---

### University of Nevada, Reno

Associate Professor July 2022 –

Department of Philosophy, Ecology, Evolution, and Conservation Biology  
Program (EECB), and the Integrative Neuroscience Program

Assistant Professor July 2016 – June 2022

### Dalhousie University

Herzberg Postdoctoral Fellow September 2014 – June 2016

Supervisor: W. Ford Doolittle

Department of Philosophy, Department of Biochemistry & Molecular Biology, and  
the History of Science & Technology Programme at the University of King's College

## Education

---

### Duke University

Ph.D. in Philosophy September 2014

Dissertation: [Universal Biology](#)

Co-Advisers: Robert Brandon and Alex Rosenberg

Committee: Karen Neander, Dan McShea (biology), V. Louise Roth (biology), Tyler Curtain (UNC)

M.A. in Philosophy May 2012

### New Mexico State University

B.A. in Journalism & Mass Communications December 2006

## Areas of Specialization

---

Philosophy of Science, Astrobiology,  
History & Philosophy of Biology,  
Ethics of Biotechnology

## Areas of Competence

---

Science, Technology & Society (STS),  
Epistemology, Environmental Ethics,  
Cognitive Science, 20<sup>th</sup> Century Philosophy

## Publications

---

### Academic Books

1. Smith K, Mariscal C (eds.): [Social and Conceptual Issues in Astrobiology](#) 2020  
*Oxford University Press*

### Academic Articles

1. Mariscal C: "[Introduction to Philosophy of Science](#)" 2022  
*Mind, Cognition and Neuroscience: Benjamin Young & Caroline Dicey Jennings (eds.). Routledge*
2. Mariscal C: "[Life](#)" 2021  
*Stanford Encyclopedia of Philosophy*
3. Stull KE, Bartelink EJ, Klales AR, Berg GE, Kenyhercz MW, L'Abbe EN, Go MC, McCormick K, Mariscal C: "[Moving Beyond a Lost Cause: Forensic Anthropology and Ancestry Estimates in the United States](#)" 2020

- Journal of Forensic Sciences* 65(5): 1791-2. doi: 10.1111/1556-4029.14616
4. Mariscal C, Brunet, TDP: “[What are Extremophiles? A Philosophical Perspective](#)” 2020  
*Social and Conceptual Issues In Astrobiology: Kelly C. Smith, Carlos Mariscal (eds.). Oxford University Press, Oxford.*
  5. Mariscal C, Barahona A, Aubert-Kato N, Aydinoglu AU, Bartlett S, Cárdenas ML, Chandru K, Cleland C, Cocanougher BT, Comfort N, Cornish-Bowden A, Deacon T, Froese T, Giovannelli D, Hernlund J, Hut P, Kimura J, Maurel M-C, Merino N, Moreno A, Nakagawa M, Pereto J, Virgo N, Witkowski O, Cleaves II HJ: “[Hidden Concepts in the History and Philosophy of Origins of Life Studies: A Workshop Report](#)” 2019  
*Origins of Life and Evolution of Biospheres* 49(3), 111-145.
  6. Mariscal C, Doolittle WF: “[Life and Life Only: A Radical Alternative to Life Definitionism](#)” 2018  
*Synthese*. doi: 10.1007/s11229-018-1852-2
  7. Mariscal C, Fleming L: “[Why We Should Care About Universal Biology](#)” 2017  
*Biological Theory*. doi: 10.1007/s13752-017-0280-8
  8. Mariscal C, Petropanagos A: “[CRISPR as a Driving Force: The Model T of Biotechnology](#)” 2016  
*Monash Bioethics Review* 34(2), 101-116. doi: 10.1007/s40592-016-0062-2
  9. Booth A, Mariscal C, Doolittle WF: “[Modern Synthesis is the Light of Microbial Genomics](#)” 2016  
*Annual Reviews of Microbiology* 70(1), 279-297. doi: 10.1146/annurev-micro-102215-095456
  10. Scharf C, Virgo N, Cleaves HJ, Aono M, Aubert-Kato N, Aydinoglu A, Barahona A, Barge LM, Benner SA, Biehl M, Brassler R, Butch CJ, Chandru K, Cronin L, Danielache S, Fischer J, Hernlund J, Hut P, Ikegami T, Kimura J, Kobayashi K, Mariscal C, McGlynn S, Menard B, Packard N, Pascal R, Pereto J, Rajamani S, Sinapayen L, Smith E, Switzer C, Takai K, Tian F, Ueno Y, Voytek M, Witkowski O, Yabuta H: “[A Strategy For Origins of Life Research](#)” 2015  
*Astrobiology* 15(12): 1031–1042. doi: 10.1089/ast.2015.1113
  - Write Up: Scharf C, Virgo N, Cleaves HJ: “[Collaboration: Come together to study life’s origins](#)” 2016  
*Nature* 529(25): 25. doi:10.1038/529025e
  11. Mariscal C, Doolittle WF: “[Eukaryotes First, How Could that Be?](#)” 2015  
*Philosophical Transactions of the Royal Society B: Biological Sciences* 370: 20140322. doi: 10.1098/rstb.2014.0322
  12. Mariscal C: “[Assessing Universality from a Single Example](#)” 2015  
In: Dick, S.J. (ed.), *The Impact of Discovering Life Beyond Earth*, Cambridge: Cambridge University Press
  13. Powell R, Mariscal C: “[Convergent Evolution as Natural Experiment: The Tape of Life Reconsidered](#)” 2015  
*Journal of the Royal Society Interface* 5(6): 20150040 . doi: 10.1098/rsfs.2015.0040

### Shorter Work

1. Mariscal C: “[A Pragmatic Account of Universal Biology](#)” February 2021  
*Daily Nous: News for and About the Philosophy Profession*
2. Mariscal C: “[Universal Biology Does Not Prescribe Planetary Isolationism](#)” 2017  
*Theology and Science*, 15(2), 150-152. doi: 10.1080/14746700.2017.1299384
3. Mariscal C, Petropanagos A: “[Response to Genome Editing: Open Call for Evidence](#)” February 2016  
*Nuffield Council on Bioethics*
4. Mariscal C, Petropanagos A: “[Not Your Grandpa’s Biotechnology](#)” October 2015  
*Impact Ethics: Making a Difference in Bioethics*

## Book Reviews

1. Mariscal C, Lerner A: "[Five Chances in Evolution](#)" 2018  
*Studies in the History and Philosophy of Science A* DOI: <https://doi.org/10.1016/j.shpsa.2018.02.004>
2. Powell R, Mariscal C: "[There is Grandeur in This View of Life: the Bio-Philosophical Implications of Convergent Evolution by George McGhee](#)" 2014  
*Acta Biotheoretica* 62: 115-121 DOI: <https://doi.org/10.1007/s10441-014-9211-2>
3. Mariscal C: "[Epistemology, necessity, and evolution: a critical review of Michael Ruse's \*Philosophy After Darwin\*](#)" 2011  
*Biology & Philosophy* 26(3): 449-457 DOI: <https://doi.org/10.1007/s10539-010-9226-2>

## Presentations

---

### Invited Talks (Past Ten Years Only)

- 1-2 & 5-6. "When Will We Know if We've Discovered Life?"  
*Possible Life ERC project – Universität Wien* October 2023  
*Exeter Centre for the Study of the Life Sciences (EGENIS) Seminar – University of Exeter* October 2023  
*Philosophical Issues in Astrobiology and Space Science Seminar Series 2023 – Durham University* March 2023  
*California State University, Sacramento – Nammour Symposium – Department of Philosophy* April 2022
3. "Biophysics as Universal Biology"  
*Workshop on the Philosophy of Biophysics – University of Bristol* September 2023
4. "What it Means When Nature Repeats Itself"  
*Philosophy of Biophysics Conference* August 2023
7. "The Generality of Biology & Physics"  
*University of Nevada, Las Vegas – Department of Philosophy* February 2020
8. "Life and Life Only: A Radical Alternative to Life Definitionism"  
*University of Auckland – Department of Philosophy* August 2018
9. "Universal Biology"  
*University of California, Davis – Philosophy of Biology Lab* December 2017
- 10-11. "LUCA, Life, and its Many Origins"  
*ELSI Origins Network: History and Philosophy of Origins Research – Tokyo Institute of Technology, Japan* August 2016  
*LUCA, its contemporaries and their viruses: 20 years after – La Fondation des Treilles, Tourtour, France* May 2016
12. "Life is Not a Natural Kind"  
*Bryn Mawr College – Department of Philosophy* February 2016
13. "Going to Extremes: Exploring Life's Limits"  
*University of Washington – Department of Philosophy and the Astrobiology Program* January 2016
14. "What is Weird About Weird Life?"  
*Rhodes College – Department of Philosophy & Religious Studies* January 2016
15. "The Logic of Evolutionary Theory (And the Theory of Evolutionary Logic)"  
*University of Nevada, Reno – Department of Philosophy* January 2016
16. "Universal Biology: Circumventing the N=1 Problem" September 2014  
*Preparing For Discovery: A Rational Approach to the Impact of Finding Microbial, Complex, or Intelligent Life Beyond Earth*  
*Life Beyond Earth – The Library Of Congress and the NASA Astrobiology Program*
13. "Evaluating Potential Evolutionary Systems in the Universe" March 2014  
*Dalhousie University – Department of Biochemistry & Molecular Biology and Department of Philosophy*
14. "Evolution is not Reducible to Physics" December 2013  
*New Mexico State University – Department of Philosophy*

**Papers Presented (Past Ten Years Only)**

1. “Philosophical Issues at the Ends of Life” July 2023  
*Biannual Meeting of the International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB) – Toronto, Canada*
2. “Proto-Psychohistory” August 2022  
*Philosophy of Biology at Halifax – Dalhousie University – Halifax, Nova Scotia, Canada*
- 3-5. “The New N=1 Problem”  
*Astrobiology Science Conference (AbSciCon) – Atlanta, Georgia* May 2022  
*Society for the Social and Conceptual Issues in Astrobiology (SSoCIA) – Ole Miss – Oxford, Miss.* March 2022  
*Biannual Meeting of the International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB) – Cold Springs Harbor Laboratory/Online* July 2021
6. “Universality in/of Evolution” December 2020  
*Society for the Social and Conceptual Issues in Astrobiology (SSoCIA) – Online*
7. “Assessing the Research Program(s) of Astrobiology” July 2019  
*Biannual Meeting of the International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB) – University of Oslo, Norway*
8. “Philosophical Issues in the Origin of Life” July 2018  
*Philosophy of Biology at Halifax – Dalhousie University – Halifax, Nova Scotia, Canada*
9. “Life and Life Only: A Radical Alternative to Life Definitionism” April 2018  
*Social and Conceptual Issues in Astrobiology – University of Nevada, Reno – Reno, Nevada*
- 10-11. “Regarding Biology as a Universal Science”  
*Earth Life Sciences Institute Origins Network Universal Biology Workshop – Tokyo Institute of Tech., Japan* August 2017  
*American Association of Mexican Philosophers 11th Annual Conf. – Metropolitan St. Univ., Denver, Colo.* September 2017
12. “When Astrobiologists Write Humanities & When Humanists Write Astrobiology” July 2017  
*Biannual Meeting of the International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB) – Universidade de São Paulo, Brazil*
13. “Why Research Universal Biology?” January 2017  
*Earth Life Sciences Institute Young Researchers Day (ELSI YRD), Fifth Annual Symposium – Tokyo Institute of Tech., Japan*
14. “LUCA, Life, and its Many Origins” September 2016  
*SoCIA 2016: Social and Conceptual Issues in Astrobiology – Clemson University, South Carolina*
15. “Understanding Evolution in a Universal Context” May 2016  
*Canadian Society for the History and Philosophy of Science/La Société canadienne d’histoire et de philosophie des sciences (CSHPS/SCHPS) – University of Calgary, Alberta, Canada*
16. “Trends and Tendencies in Universal Biology” July 2015  
*Biannual Meeting of the International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB) – Université de Montréal, Quebec, Canada*
17. “Convergent Evolution as a Natural Experiment” July 2015  
*Biannual Meeting of the International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB) – Université de Montréal, Quebec, Canada*
18. “Evolution reduces to Logic, not Physics” June 2014  
*International Consortium for the History and Philosophy of Biology. Nature and Culture: The Ninth Annual Research Workshop – University of Cambridge, UK*

**Invited Research Workshops (Past Ten Years Only)**

- |   |                |
|---|----------------|
| 1. The Planetary Resources and Content Heroes (ReaCH)<br><i>SETI Institute – Mountain View, California, USA</i>   | June 2023      |
| 2. Beyond the Ivory Tower<br><i>Northeastern University – Boston, Massachusetts, USA</i>  | June 2023      |
| 3. MBI Summit on the Rules of Life<br><i>Mathematical Biosciences Institute – Columbus, Ohio, USA</i>   | June 2019      |
| 4. SoCIA 2016: Social and Conceptual Issues in Astrobiology<br><i>ISHPSSB Off-Year Workshop – Clemson, South Carolina, USA</i>  | September 2016 |
| 5. History and Philosophy of Origins Research Workshop<br><i>Earth-Life Sciences Institute (ELSI) at Tokyo Institute of Technology – Tokyo, Japan</i>                 | August 2016    |
| 6. LUCA, its contemporaries and their viruses: 20 years after<br><i>La Fondation des Treilles – Tourtour, France</i>  | May 2016       |
| 7. ELSI Origins Network Origins of Life Roadmap International Workshop<br><i>Earth-Life Sciences Institute (ELSI) at Tokyo Institute of Technology – Tokyo, Japan</i> | August 2015    |
| 8. Workshop on Evolutionary Genomics of Symbiosis<br><i>Dalhousie University and Christian-Albrechts-Universität zu Kiel – Halifax, Nova Scotia, Canada</i>           | December 2014  |

**Invited Commentary**

- |  |              |
|--|--------------|
| 1. “On The Quest for a Universal Theory of Life” – American Philosophical Association: Eastern Mtg – Online          | January 2021 |
| 2. “Semantic Essentialism and Populations” – Southwestern Philos. Assoc. 80 <sup>th</sup> Annual Mtg – Denver, Colo. | Nov. 2018    |

**Grants and Awards****National and International**

<i>Earth Life Sciences Institute Workshop Grant –Tokyo, Japan</i>	<b>\$30,000 USD</b>	2017
<i>International Society for the History, Philosophy, &amp; Soc. Studies of Biology</i>	<b>\$9,000 USD</b>	2015
<i>Ford Foundation Postdoctoral Fellowship</i>	<i>honorable mention</i>	2013

**University of Nevada, Reno**

<i>Distinguished Outreach Faculty Award</i>	<i>finalist</i>	2021
<i>Paul and Judy Bible University Teaching Excellence Award</i>	<i>nominee</i>	2017, 2018, 2022
<i>International Faculty Travel Grant</i>	<b>\$1,000 USD</b>	2017

**Dalhousie University**

<i>The Royal Society of Canada Open Academy</i>	<b>\$3,000 CAD</b>	2016
---	--------------------	------

**Duke University**

<i>Katherine Goodman Stern Dissertation Year Fellowship</i>	<b>Tuition +\$27,000 USD</b>	2013 – 2014
<i>Franklin Humanities Institute Digital Scholarship Initiative Seed Grant</i>	<b>\$1,000 USD</b>	2011 – 2012
<i>Melinda French Gates’ University Scholars Program Fellow</i>	<b>\$135,000 USD</b>	2008 – 2014
<i>James B. Duke Endowment Fellow</i>	<b>Tuition +\$20,000 USD</b>	2008 – 2013



## Teaching Experience

---

### University of Nevada, Reno

- CH 212: *Science, Technology, and Society in the Modern Era* 8x since Spring 2018
- PHIL 224: *Introduction to the Philosophy of Science* 3x since Spring 2017
- PHIL 315: *Twentieth Century Philosophy* 5x since Spring 2020
- PHIL 434/634: *Philosophy of Cognitive Science* 3x since Spring 2017
- PHIL 438/638: *Probs. in the History & Philosophy of Science: The Philosophies of the Sciences* 2x since Spring 2018
- PHIL 438/638: *Problems in the History & Philosophy of Science: Philosophy of Biology* Fall 2016
- PHIL 438/638: *Problems in the History & Philosophy of Science: Great Feuds in Science* Fall 2021
- PHIL 438/638: *Problems in the History & Philosophy of Science: The Big Questions* Spring 2023
- PHIL/HIST 480: *Science, Technology, & Society* 11x since Fall 2016
- PHIL 713: *Philosophy & Biology* Spring 2021

### University of Nevada, Reno – Independent Study

- PHIL 499: “*Philosophy of Biochemistry*” Fall 2019
- PHIL 499: “*20th Century Analytic Philosophy*” Spring 2019
- PHIL 499: “*Philosophy of the Sciences*” Spring 2019
- PHIL 699: “*Science, Technology, and Society*” Fall 2017, Fall 2018
- PHIL 699: “*Chance in Evolution*” Spring 2017

### Dalhousie University

- PHIL 1050: *Ethics in Science* (Flagship course for the First Year Dalhousie Integrated Science Program) Fall 2015

### Duke University

- PHIL 150: *Logic* Spring 2012
- PHIL 103S: *Introduction to Philosophy* Fall 2011, Fall 2012

## Professional Service and Development

---

### Conferences/Workshops/Symposia Organized (Past Ten Years Only)

1. SoCIA 2018: *Social and Conceptual Issues in Astrobiology* – Organizer April 2018  
*University of Nevada, Reno – Reno, Nevada, USA*
2. *Universal Biology: Investigating Life as it Must Be* – Primary Organizer August 2017  
*Earth Life Sciences Institute Origins Network – Tokyo Tech, Japan*
3. SoCIA 2016: *Social and Conceptual Issues in Astrobiology* – Co-Organizer September 2016  
*International Consortium for the History & Philosophy of Biology Off-Year Workshop – Clemson, South Carolina*
4. *Information & Transmission: Eighth Ann. Research Workshop* – Primary Organizer, Commentator June 2013  
*International Consortium for the History & Philosophy of Biology in association with the Center for the Philosophy of Biology, Duke Philosophy, Duke Biology, Duke Computer Science, the Renaissance Computing Institute, and the Institute for Genome Sciences & Policy*

### Professional Leadership

- METI (Messaging Extraterrestrial Intelligence) International* – Advisory Council 2018 –
- Philosophy of Science Association* – Media Committee 2018 –
- Social & Conceptual Issues in Astrobiology* – Co-Founder 2016 – 2018
- Evo Devo Universe* – Co-Director 2014 – 2016
- International Soc. for the Hist., Phil., & Soc. Stud. of Biol.* – Webmaster, Publications Board Member 2011 – 2015
- Duke Ctr. for the Phil. of Biol.* – Asst. Director, Conf. Organizer, Fundraiser, Web Designer, Web Master 2010 – 2014

**Graduate Students***Chair*

- |  |             |
|--|-------------|
| 1. Erica C. Dietlein (University of Nevada, Reno)  | 2018 – 2020 |
| Philosophy M.A.: “Gamifying Nature: the aesthetic experience of science as a puzzle-game”  |             |
| 2. Kassidy A. Freitas (University of Nevada, Reno)   | 2019 – 2020 |
| Philosophy M.A.: “Environmental Existentialism: An Environmental Ethic for the Individual” |             |

*Co-Chair*

- |   |             |
|---|-------------|
| 1. Alexander Lerner (University of Nevada, Reno)            | 2017 – 2019 |
| Philosophy M.A.: “Mental Health Nosology and Animal Models” |             |

*Committee Member*

- |  |             |
|--|-------------|
| 1. Danielle Delilio (University of Nevada, Reno)   | 2021 – 2022 |
| Anthropology M.A.  |             |
| 2. Cameron Gibson (University of Nevada, Reno)   | 2019 – 2020 |
| Linguistics M.A.   |             |
| 3. Christina K. Roberts (University of Nevada, Reno)   | 2018        |
| History M.A.: “A Path to the Stars vs. The Space Frontier: National Space Mythology in Soviet and American Newspapers, 1957-1969” Currently a Ph.D. Student at Purdue University |             |
| 4. James A. Smith (University of Nevada, Reno)   | 2016–2018   |
| History M.A.: “Galileo’s <i>Assayer</i> : Sense and Reason in the Epistemic Balance”   |             |

**Panels Organized**

- |   |           |
|---|-----------|
| 1. Philosophy of Astrobiology – Co-Organizer, Presenter   | July 2017 |
| <i>Biannual Meeting of the International Society for the History, Philosophy, and Social Studies of Biology</i> – Universidade de São Paulo |           |
| 2. Complexity and Evolution – Co-Organizer, Presenter   | July 2015 |
| <i>Biannual Meeting of the International Society for the History, Philosophy, and Social Studies of Biology</i> – Université de Montréal    |           |
| 3. Natural Experiments – Co-Organizer, Presenter  | July 2015 |
| <i>Biannual Meeting of the International Society for the History, Philosophy, and Social Studies of Biology</i> – Université de Montréal    |           |

**Professional Membership**

- |   |        |
|---|--------|
| <i>Society for Social and Conceptual Issues in Astrobiology (SSoCIA)</i>                          | 2016 – |
| <i>Canadian Society for the History and Philosophy of Science (CSHPS)</i>                         | 2016 – |
| <i>American Association of Mexican Philosophers (AAMP)</i>  | 2015 – |
| <i>Evo Devo Universe (EDU)</i>  | 2015 – |
| <i>Philosophy of Science Association (PSA)</i>  | 2013 – |
| <i>American Philosophical Association (APA)</i>   | 2013 – |
| <i>International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB)</i> | 2009 – |

**Referee (Past Ten Years Only)**

- |  |   |   |
|--|---|---|
| <i>Acta Analytica</i>                        | <i>John Templeton Foundation</i>  | <i>Proceedings of the National Academy of Sciences</i>      |
| <i>BioEssays</i>                             | <i>Journal of Theoretical Biology</i>   | <i>Royal Society Interface</i>                              |
| <i>Biological Theory</i>                     | <i>Origins of Life and Evolution of Biospheres</i>                            | <i>Science and Engineering Ethics</i>                       |
| <i>Biology &amp; Philosophy</i>              | <i>NASA Postdoctoral Program (NPP)</i>  | <i>Studies in History and Philosophy of Science Part C:</i> |
| <i>Cambridge University Press</i>            | <i>National Science Foundation (NSF)</i>                                      | <i>Biological and Biomedical Sciences</i>                   |
| <i>Frontiers in Physiology</i>               | <i>Philosophy Compass</i>   | <i>Synthese</i>   |
| <i>Futures</i>                               | <i>Philosophy of Science</i>  |   |
| <i>International Journal of Astrobiology</i> | <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> |   |

**Department and University Service (Past Ten Years Only)**

<i>UNR Honors College</i>	
Curriculum Committee	2021 - 2022
<i>UNR College of Liberal Arts</i>	
SCAG Committee	2019 - 2020
Moulson/Feltner Research Committee	2019
Science Studies Committee	2018
Alianza	2018 –
<i>UNR Core Humanities Department</i>	
CH 212 Program Committee	2019; 2022
<a href="#">Thought on Tap</a> Co-creator/co-organizer	2018 –
<i>UNR Honors Program</i>	
CH 212 Program Committee	2019; 2021
<i>UNR Philosophy Department</i>	
Department Head Search	2019 – 2020
Lecturer Search Chair	2019
Events Committee	2017 – 2019
Communications Liason	2016 – 2019
Philosophy Club Co-Adviser	2016 – 2018; 2021 –
<i>Dalhousie Postdoctoral Researcher's Union</i> – Vice-President, Bargaining Committee Union Rep.	2015 – 2016
<i>Dalhousie Evolution Studies Group</i> – Organizer	2014 – 2016

**Outreach****Reno (Past Five Years Only)**

1. “Toxic Titan” with Sarah Hörst and Donna dePolo <i>Discover Science Podcast – College of Science – Interviewer</i>	December 2022
2-7. “American Possibilities: Establish Justice”	November 2022
“Rethinking Our Tech Overlords”	October 2021
“ <a href="#">Confronting Legacies of Health Disparities</a> ”	October 2020
“ <a href="#">Future Visions of Work and Money</a> ”	December 2019
“ <a href="#">The Role of the Humanities in Sciences &amp; New Technologies</a> ”	May 2019
“ <a href="#">The Role of the Humanities in Resistance Movements</a> ” <i>Thought on Tap – College of Liberal Arts and Core Humanities – Moderator</i>	November 2018
8. “ <a href="#">Battles Beyond the Horizon</a> ” <i>Great Conversations Series – UNR College of Liberal Arts — Panelist</i>	October 2022
9. “Human Genetic Modification: Lessons from Revolutionary Technologies” <i>Great Conversations Series – UNR College of Liberal Arts</i>	February 2021
10. “ <a href="#">How COVID-19 Infected My Syllabus</a> ” <i>Heart-to-Heart – Nevada Humanities – Writer</i>	December 2020
11. “Life in the Universe: Astrobiology and Universal Biology” <i>Colloquium Series – UNR Osher Lifelong Learning Institute</i>	September 2019
12. “ <a href="#">Exploring Astrobiology</a> ” <i>Science Distilled – Desert Research Institute &amp; Discovery Museum</i>	February 2019
13. “ <a href="#">Telling Stories from the Ivory Tower</a> ”	September 2019
14. “ <a href="#">The Role of the Humanities in Times of Crisis</a> ” <i>Thought on Tap – College of Liberal Arts and Core Humanities – Panelist</i>	October 2018



### ***National & International***

1. "Life 2.0"  
*The Institute of Arts and Ideas – London, England* April 2023
2. "[How Science is Made: A Glimps of the People, Institutions, and Money Behind It](#)"  
*Anna Funk – Discover Magazine – Zoom* May 2021
3. "[Life in the Universe – Interview with Carlos Mariscal](#)"  
*Kane B – YouTube – Zoom* January 2021
4. "[Why We Don't Have a Definition of Life, Nor Need One](#)"  
*OpenMind BBVA* December 2020
5. "[K.C. Smith and C. Mariscal, 'Social and Conceptual Issues in Astrobiology \(Oxford UP, 2020\)'](#)"  
*New Books in Science, Technology, and Society – New Books Network – Zoom* November 2020
6. "Are Viruses Alive?"  
*The Future of Everything – Wall Street Journal – Zoom* April 2020

## **Nationality and Languages**

Dual Citizen of U.S.A. & Mexico

Fluent in English and Spanish