

December 11, 2020

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**EDUCATION:**

Ph.D., History of Science, University of Oklahoma, Norman, OK, candidacy achieved  
May 2017  
M.A., History of Science, University of Oklahoma, Norman, OK, 2015  
M.A., Biblical Exegesis, Wheaton College, Wheaton, IL, 2009  
B.A., Biblical Languages, Oklahoma Baptist University, Shawnee, OK, 2007

**PROFESSIONAL EXPERIENCE:**

Lecturer, History of Science Department, University of Oklahoma, Norman, OK, August  
2019 – present.  
Graduate Research Assistant to Curator, History of Science Collections, University of  
Oklahoma Libraries, University of Oklahoma, Norman, OK, July 2013 – June 2019.  
Teaching Assistant, Department of the History of Science, University of Oklahoma,  
Norman, OK, Spring 2014.  
Middle School and High School Teacher, Veritas Classical Academy, Oklahoma City,  
OK, 2009 – 2013.

**AWARDS, GRANTS, PRIZES, AND FELLOWSHIPS:**

Provost's Certificate of Distinction in Teaching, University of Oklahoma, Spring 2020.  
Derdeyn-CMRS Graduate Student Research Travel Scholarship, University of Oklahoma,  
Fall 2019.  
Robberson Research Grant, University of Oklahoma, Fall 2019.  
Robberson Conference Presentation and Creative Exhibition Travel Grant, University of  
Oklahoma, Spring 2019.  
Linda Hall Library Short-term Travel Fellowship, Kansas City, MO, Fall 2018.  
Vatican Film Library Mellon Fellowship, St. Louis University, St. Louis, MO, Summer  
2018.  
College of Arts and Science Travel Grant, University of Oklahoma, Spring 2018.  
DeGolyer Travel Fellowship, University of Oklahoma, Spring 2018, Summer 2018.  
Newberry Renaissance Consortium Grant, 2017 – 2018.

Michael Ruby History of Physics Scholarship, University of Oklahoma, 2017 – 2018,  
2018 – 2019, 2019 – 2020.

Graduate Student Senate Research Grant, University of Oklahoma, Fall 2017, Spring  
2018, Spring 2019.

Graduate Student Senate Conference Grant, University of Oklahoma, Fall 2016, Spring  
2018, Fall 2019.

Outstanding Graduate Assistant, University of Oklahoma Libraries, 2015 – 2016.

## **RESEARCH INTERESTS:**

History of Science and Religion; History of the Book; History of American Medicine;  
History of Christianity; History of Biblical Exegesis; Digital Humanities; Public History

## **PROFESSIONAL AFFILIATIONS:**

History of Science Society  
Midwest Junto for the History of Science  
Sixteenth Century Society  
Renaissance Society of America  
Conference on Faith and History  
T. F. Torrance Theological Fellowship

## **RESEARCH AND CREATIVE ACHIEVEMENTS:**

### ***Articles (peer reviewed)***

“Appealing to Ahas: The Jesuits and the Sundial of Ahas in the Era of Copernican  
astronomy,” in *Studies and Sources in the Material and Visual History of Science*  
(Brill) (forthcoming).

“A New Manuscript of Ockham’s *Brevis summa libri Physicorum*: Saint-Omer,  
Bibliothèque d’Agglomération, MS 317,” co-authored with Steven J. Livesey,  
*Scriptorium* 72 (2018): p. 276-292.

### ***Reviews***

Review of *Reform Catholicism and the International Suppression of the Jesuits in  
Enlightenment Europe*, by Dale K. Van Kley. New Have, CT: Yale University Press,  
2018. Published in *Fides et Historia* 50, no. 2 (2018): p. 177-179.

Review of *Measuring Shadows: Kepler’s Optics of Invisibility*, by Raz Chen-Morris.  
University Park, PA: Pennsylvania State University Press, 2016. Published in *Early  
Science and Medicine* 22 (2017): p. 387-389.

### ***Digital Publications***

“William of Ockham, *Brevis summa libri Physicorum*: A transcription of Saint-Omer, Bibliothèque d’Agglomération, MS 317, 44<sup>RA</sup>-61<sup>VB</sup>,” completed September 2018, co-edited with Steven J. Livesey, [doi.org/10.15763/11244/299775](https://doi.org/10.15763/11244/299775).

Kerry V. Magruder and Brent Purkape, *Galileo’s World Exhibit Guide*, published by the University of Oklahoma Libraries, August 2015, 2016, and 2017. Available free on the iBook Store and online at [lynx-open-ed.org/glance](http://lynx-open-ed.org/glance).

### ***Exhibitions***

*Galileo’s World Reprise*, August 2016 – December 2018; co-curator along with Kerry V. Magruder, David Davis, and James Burnes. See [lynx-open-ed.org/reprise](http://lynx-open-ed.org/reprise) for more information.

*Galileo’s World*, August 2015 – July 2016; co-curator along with Kerry V. Magruder, David Davis, and James Burnes. See [lynx-open-ed.org/glance](http://lynx-open-ed.org/glance) for more information.

### ***Digital Projects***

“The Sky Tonight: Cultural Archaeology and Geography of the Stars” forthcoming Fall 2020, co-edited and co-developed with Kerry V. Magruder [skytonight.org](http://skytonight.org).

“Lynx Open Ed,” Fall 2015-present, co-edited and co-developed with Kerry V. Magruder, [lynx-open-ed.org](http://lynx-open-ed.org).

Co-webmaster and co-bibliographer for T. F. Torrance Theological Fellowship, with Kerry V. Magruder and Gary Deddo, [tftorrance.org](http://tftorrance.org).

## **PRESENTATIONS:**

### ***Professional Conference Presentations***

“Global Optics: A Perspective on Jesuit Sundials,” Sixteenth Century Society & Conference, St. Louis, MO, 10/19/2019.

Co-presented with Kerry V. Magruder, “The Archaeology of the Night Sky,” Center for Medieval and Renaissance Studies public lecture, Pioneer Library, Norman, OK, 05/03/2019.

“Anamorphosis in the printed works of Jean François Nicéron, Midwest Junto for the History of Science, Kansas City, MO, 04/13/2019.

“Jokes of Nature, Jokes of Theology: The Jesuits, Natural Magic, and Optical Illusions,” Arizona Center for Medieval and Renaissance Studies and Medieval Association of the Pacific Joint Conference, Phoenix, AZ, 02/08/2019.

Co-presented with Kerry V. Magruder, “Collaboration Strategies for Educators, Libraries and Museums,” Southwest Association for Science Teacher Education, Norman, OK, 10/13/2018.

“‘For now we see in a mirror dimly’: Optical Illusions and Natural Theology in the Jesuit Order,” Midwest Junto for the History of Science, Minneapolis, MN, 04/15/2018.

“The Religious Experience of Optics,” Newberry Graduate Student Conference, Chicago, IL, 01/27/2018.

Co-presented with Kerry V. Magruder, “Report on the T. F. Torrance Bibliography Project,” The T. F. Torrance Theological Fellowship annual meeting, held in

- conjunction with the American Academy of Religion annual conference, Boston, MA, 11/17/2018.
- Co-presented with Kerry V. Magruder, “#GalileosWorld demonstrates the way @OU\_Libraries is using @OUHOSCollection to transform the public domain,” a booth at the Domains 2017 conference, Oklahoma City, 06/05/2017.
- “The Role of Proclus in Shaping Renaissance Mathematics,” History of Science Society Annual Meeting, Atlanta, GA, 11/4/2016.
- “The Role of Proclus within Sixteenth-Century Debates over the Ontology of Mathematics,” Midwest Junto for the History of Science, Norman, OK, 04/2/2016.
- “Galileo's World Exhibition Site – An Open Educational Experience,” with Twila Camp, University of Oklahoma Academic Tech Expo, Norman, OK, 01/15/2016.
- “The Open Educational Resources of Galileo's World,” K20 Innovative Learning Institute, Norman, OK, 12/3/2015.
- “Libraries as makers of OER: A Pilot Project,” with Kerry V. Magruder, OpenEd 2015, Annual Conference, Vancouver, B.C., 11/19/2015.

### ***Invited Presentations***

- “The Optics of Ahaz’s Sundial within the Optical Literature of the Jesuit Order,” as part of the workshop *Manipulating the Sun: Picturing Astronomical Miracles from the Bible in the Early Modern Era*, Wuppertal, Germany, 08/21/2019.
- Co-presented with Kerry Magruder “Historic Star Atlas Stories,” as part of the lecture series *Postcards of the Universe*, Sam Noble Museum, University of Oklahoma, Norman, OK, 01/25/2018.
- “An Introduction to Leonardo da Vinci,” Oklahoma City Astronomy Club, Oklahoma City, OK, 04/11/2016.
- “The Impact of Women in the World of Galileo,” University Women's Association Spring Luncheon, Norman, OK, 04/30/2016.
- “What is the History of Science,” “Should the History of Science be Rated X?” “What is Gravity?” Oklahoma Baptist University, MSP K-12 Workshop, July 2014.

### ***General Public Presentations***

- “Science or Christianity, which is true?” panel discussion at Lithuania Christian College, Klaipeda, Lithuania, 09/16/2019.
- “Renaissance Optical Illusions,” traveling educational program for area libraries and schools; 1 presentation, Summer 2018.
- “Sky Tonight” traveling educational program for area libraries and schools, 4 presentations, Summer/Fall 2017.
- “Galileo Roadshow: Art and Astronomy in the World of Galileo.” A joint presentation with the Fred Jones Jr. Museum of Art education director, Melissa Ski; primarily K-12 school groups in the Norman, OK area; 30 presentations, Spring 2016.

## **COURSES TAUGHT:**

### ***The University of Oklahoma***

HSCI 1113: Science, Nature, and Society (online), Fall 2019, Spring 2020, Fall 2020.

HSCI 1113: Science, Nature, and Society, Fall 2017 (co-taught with Kerry V. Magruder).

**UNIVERSITY SERVICE:**

Graduate Studies Committee, History of Science Department, Graduate Student Member,  
Fall 2015 – Spring 2016.

Galileo's World, Core Team, Fall 2014 – Spring 2015.