

Sabbatical Leave Application

Name Amy Coles

Department or School History

Year of Appointment 2009 Tenure Granted in / 2017-18
Contract Renewed in _____

Total Number of Leaves Granted 2 (1 sabb., 1 JFL) Year of Last Leave 2020
(A report on the last leave must be filed in the Thorpe Center before you can apply again.)

Title of Sabbatical Project Gods in the Money: A Network Analysis of Ancient Italian Coinage

Request is for (please check one and fill in the year)

Full Year Fall Spring of Academic Year 2026

If your proposal is awarded, would you be willing for the Thorpe Center to use it as an exemplary submission in the online *Handbook*? Yes No

Would you like to be considered for the Gardner Faculty Scholars Award? Yes No

Please complete the following checklist by placing a check mark against each item to ensure that your application is complete. Incomplete applications will be returned to the applicant without further consideration. Please submit items 1-6 in one combined PDF.

1. Sabbatical Application Cover Sheet
 2. Summary of the Project (≤150 words)
 3. Supervisor's letter
 4. Narrative (≤2,500 words)
N/A 5. IRB approval notice or verification that approval has been requested
 6. Curriculum Vitae
 7. Report of previous Sabbatical or Junior Faculty/Pre-Tenure Leaves, if any
(File separately with the Thorpe Center)
 8. A separate electronic summary (email Word copy to fdc@iwu.edu)

Please Note: All applicants should notify any relevant interdisciplinary programs of their pending sabbatical application and indicate the courses that will not be offered by the applicant during the sabbatical leave.

Signature  Date 10/31/25

Proposal Title: Gods in the Money: A Network Analysis of Ancient Italian Coinage

Proposal Summary: I seek a sabbatical leave in Fall 2026 to conduct research and complete a peer-reviewed article, which uses computer-assisted network analysis of Italian coinage between the 6th and 1st centuries BCE to reveal new cultural and religious connections between peoples of the Italian peninsula. I will use a network modeling of symbols, legends, dates, and mints across approximately 4,900 Greek, Roman, and local coin types to identify novel patterns in the numismatic evidence. Network modeling de-emphasizes the assumption that coin production reflected centralized Roman authority; rather, connections between motifs and legends on the coins focus on shared cultural attributes between local Italian populations, especially in the earliest periods. This study serves as the foundation for my larger project examining network connections between gods in Roman Republican colonies and the wider ancient Mediterranean.

Proposal Narrative:

Purpose:

I seek sabbatical leave during the Fall of 2026 to complete a peer-reviewed article, which will demonstrate that computer-assisted network analysis of 6th to 1st century BCE coinage produces new insights on the cultural and religious connections between the peoples of the Italian peninsula. Data science techniques have recently born fruit in the study of ancient numismatics, but there has not yet been an exploratory network modeling of the symbols, legends, dates, and mints for the coinage of the Roman Republic (509-27 BCE) and contemporary Greek colonies in Italy with an emphasis on divine imagery. I suspect that connections will emerge that demonstrate cultural exchange between Roman colonists and their Greek and Italian neighbors, separate from Roman dominance, especially in the earliest periods. This study will be the first step in my larger network analysis of gods in Roman Republican colonies and, eventually, the wider ancient Mediterranean. I anticipate that this research will produce an article-length, peer-reviewed publication, which I will submit to the *Journal of Ancient History and Archaeology*, which often features new approaches to ancient evidence.

Objectives of the Sabbatical Leave:

- To research numismatic studies for the 6th to 1st centuries BCE in Italy to determine the state of humanistic approaches to ancient coinage and identify gaps in understanding.
- To research computer-assisted analyses of ancient coinage assemblies for examples of successful approaches and gaps in analysis.
- To finish my MS in Data Science coursework in Summer 2026, including machine learning and advanced statistics courses to inform the methodology of my network analysis.
- To construct a functional dataset of coin types minted in 6th-1st century BCE Italy, including their obverse and reverse images, legends, dates, mint locations, and metrics.
- To build a network model of Roman Republican and Greek coinage in Italy, experimenting with different node and edge configurations to extract meaning, especially in relation to religious sentiment.

- To write and submit an article of my findings as well as make the dataset and code openly available on GitHub or a similar platform.

These goals are ambitious, as they represent my first retraining from humanistic to scientific analysis. A release from teaching and service obligations for three months will allow me to focus on learning the best practices associated with the new methodology.

Methodology:

Background education:

My full methodology for this study depends on the completion of my MS in Data Science, which I began online in Spring 2024 at CU Boulder. As of October 2025, I have completed coursework in Statistical Inference, Data Structures, Data Mining, and Network Analysis, which inform the basic concept of this project. By July 2026, I will finish courses in Statistical Modeling and Machine Learning. After completing these courses, I will adjust the following methodology to meet network and statistical modeling best practices.

Data:

Dimensions: Ancient coins in the Italian peninsula are bronze, silver, or gold flans that have been hand-struck between dies to imprint a divine or magisterial head on the obverse side and the minter's choice of motifs on the reverse side. Legends on the coins bear gods' or magistrates' names, purposes for the issue, or other identifying information. Each coin also has a specific denomination, weight, and die set. Greek coinage in Italy began in the 6th century BCE, and dates for Roman Republican coins range from the first Roman minting in the 4th century BCE to the last mintings in the late Republic, c. 49 BCE. Mint locations include mints throughout the Italian peninsula as well as isolated Roman mints in Spain, Sardinia, Sicily, and Corcyra. These attributes make for 10 possible dimensions to analyze in a network analysis (polity, mint location, date, material, denomination, legend, obverse image, reverse motif, weight, die set).

Sources and Types: Rutter's *Historia Numorum Italy* (2001) is a standard reference catalog for Greek and local coinage in Italy, with appx. 2600 coin types. Crawford's *Roman Republican Coinage* (1974) remains the standard reference catalog for Roman numismatics, with minor modifications (e.g. Woytek 2003), for appx. 2,300 coin types. Crawford's types are searchable in online databases such as the *Coinage of the Roman Republic Online* (CRRO), although a digitized database for the Greek coins of Italy is more difficult to locate. Scholars like Anwar, *et al.*, (2021) publish their classification datasets of Roman Republican coins as open access datasets, although these collections often represent only 200 or fewer classes and might retain only some dimensions of the data, such as reverse image or legend. Thus, the largest time investment for the proposed project will be to collect and clean the numismatic data to include all dimensions for the appx. 4,900 Greek and Roman types. Because this project focuses on exploring connections between types, not statistical analysis of hoard counts or die links, I will only need one representative sample per coin type.

Method:

Computer-assisted network analysis will allow me to explore connections between the numismatic dimensions objectively, without preconceptions about Roman dominance. I will model my numismatic network using Python's NetworkX library, which has functions for analysis and visualization of the network. I have chosen this tool because Python is the programming language with which I am most familiar. Because this is my first attempt at network modeling, I will explore a variety of analytical approaches before choosing the most informative for my final analysis. I will start with creating a multipartite network, which uses the coins and key attributes (divine imagery and related motifs) as node types, with the edges being the coin-to-attribute connection. This approach will allow community detection by clustering nodes that are densely connected to one another. With this method, I might identify whether divine imagery formed coherent regional or temporal traditions. I will also perform a diffusion analysis, with the mints or polities as nodes and shared iconographic features as edges, which have temporal attributes and a frequency-based weight corresponding to how often deity appears on the coin types. This approach will help me answer how deity types spread from their origin point across space and time. These two approaches get to the heart of regional patterns in deity imagery and spatiotemporal patterns of cultural diffusion. As I learn more about statistical approaches, I might also include other centrality measures to identify key deities and explore the overall structure of the network or include density measures to characterize specific communities or periods. I will also explore the best filtering criteria and evaluation metrics as I work with the data. A sabbatical will afford me that time I need for learning and exploration before finalizing my methodological approach.

Intellectual Significance:

My network modeling of ancient Italian coinage stands at the intersection of three bodies of work: ancient history, numismatics, and data science. In his humanistic study of archaeological and literary evidence, Terrenato (2019) demonstrated that Roman expansion in the fourth and third centuries BCE was due to negotiations among landed elites in central and southern Italy, with Roman conquest playing a less direct role than previously assumed. This new understanding of the power of cultural negotiations between local elites, including, but not exclusive to, those in Rome, problematizes narratives about Roman dominance through military and political force. By extension, it raises the question about the degree to which Roman religion and other cultural traits were central to choices made for Republican-era coinage minted outside of Rome. There has also been a recent push to include numismatic evidence more prominently in studies of ancient history, *e.g.*, Yarrow (2021). My proposed project aims to study the wider cultural contexts in which ancient coins depicted gods and whether Roman dominance or local cultural interaction influenced divine images more.

For their part, numismatists have embraced data science techniques to further classify and analyze coin catalogs and hoards, for example the natural language processing method in Klinger, *et al.* (2018), which makes coinage catalog entries open to semantic, rather than mere key word, searches. Anwar, *et al.* (2021) use feature fusion and attention techniques to classify Roman Republican coins based on machine-assisted recognition of their reverse motifs. Data

science approaches, such as network studies or GIS analysis, have also been applied to the study of ancient populations and archaeological remains (Blakely and Daniels, eds., 2023). My network analysis of 6th to 1st century coins in Italy, with an emphasis on divine images, represents a yet-unexplored data-scientific analysis of numismatic evidence to explain cultural and religious interactions in ancient Italy.

Proposed Timeline for Meeting Objectives:

June 2026 – Finish MS in Data Science coursework from the University of Colorado, Boulder
July-Sept. 2026 – research and data cleaning to produce a complete database of coin types
Oct.-Nov. 2026 – experiment with network modeling techniques and graph visualization
Dec. 2026 – Jan. 2027 – draft the article
Feb. 2027 – submit article for peer-review

Final product and dissemination:

The intended audience for my research is graduate students and professional scholars in the fields of numismatics, archaeology, classics, and ancient history, but the method might also be of interest to computer scientists. A peer-reviewed article is the most appropriate and concise vehicle to reach the classical studies audience. I will also post my dataset and code on an open access platform like GitHub so other numismatists and network modelers can benefit from my data and replicate my methods.

Professional Development:

This project represents my first foray into quantitative analysis of ancient material, after a career focused on qualitative, humanistic studies. My future research will blend these two methods to explore fully the mechanisms and extents of Roman cultural control from every angle I can. I was inspired to pursue more social-scientific methodologies while writing my book project: *Gods, Landscape, and Community: A Network Approach to Mid-Republican Colonization*. In 2015, I received a revise-and-resubmit request from Johns Hopkins University Press, with the major criticism that I used a network as an exploratory idea, but I really should perform a mathematical network analysis on my materials. I was just applying for tenure the following year, so the book project stalled. My current proposal to perform a network analysis of Republican coinage represents my attempt to return to this book project. In time, I want to develop a comprehensive network model of ancient gods that bridges numismatic, archaeological, and epigraphic evidence for sanctuaries throughout the Mediterranean to visualize the complex interdependencies between cults as a cultural phenomenon separate from the political power struggles between Rome and the Hellenistic Kings.

As a teacher, I want to contribute to the growth of digital history and humanities on campus as well as assist with the interdisciplinary data science curriculum to whatever extent my computer science colleagues would find useful. I enjoy teaching a variety of disciplines and methodologies, and I found myself missing linguistic pedagogy after I taught my last Latin class in 2021. I hope that melding humanistic topics and data science methods in my classes will fill the pedagogical hole.

Success of Prior Leaves and Grants:

- **Junior Faculty Leave, Fall 2015:** I won a Junior Faculty Leave along with an ASD for research travel in Italy in October 2015. This resulted in the following article, published in one of the most prestigious Classical Studies journals in the US:
Coles, Amanda J. "Freedman Magistrates in the Late Roman Republic and Empire: Caught between Patronage and Prejudice," *Transactions of the American Philological Association* 147.1 (Spring 2017): 179-208.
- **Sabbatical, Spring 2020:** The pandemic thwarted my proposed research trip to Spain to study xenophobia in Roman Republican colonies there; the ASD grant I won for this research was swept back to IWU less unrecoverable deposits. Instead, I completed a book project begun in 2019: *Roman Colonies in Republic and Empire*. The book accomplishes some of the same goals that I proposed in my xenophobia project: I extended the temporal and spatial extent of my colonial research while continuing to problematize narratives of a static agenda of Roman cultural and legal dominance over the colonists.
Coles, Amanda J. *Roman Colonies in Republic and Empire*. Brill Research Perspectives in Ancient History. Leiden: Brill, 2020.
- **ASD Grants since 2020:** none

Works Cited

American Numismatic Society. "Coinage of the Roman Republic Online." Accessed October 11, 2025. <https://numismatics.org/crro/>.

Anwar, H., S. Anwar, S. Zambanini, F. Porikli. "Deep Ancient Roman Republican Coin Classification via Feature Fusion and Attention," *Pattern Recognition* 114 (2021): 107871, <https://doi.org/10.1016/j.patcog.2021.107871>.

Blakely, S. and M. Daniels, eds. *Data Science, Human Science, and Ancient Gods: Conversations in Theory and Method*. Columbus, GA: Lockwood Press, 2023.

Crawford, M.H. *Roman Republican Coinage, 2 vol.* Cambridge: Cambridge University Press, 1974.

Klinger, P., S. Gampe, K. Tolle, U. Peter. "Semantic Search Based on Natural Language Processing – a Numismatic Example," *Journal of Ancient History and Archaeology* No. 5.3 (2018): 68-79.

Rutter, N.K. ed. *Historia Numorum Italy*. London: The British Museum Press, 2001.

Terrenato, N. *The Early Roman Expansion into Italy: Elite Negotiation and Family Agendas*. Cambridge: Cambridge University Press, 2019.

Woytek, B.E. "Arma et Nummi » : Forschungen zur Römischen Finanzgeschichte und Münzprägung der Jahre 49 bis 42 v. Chr." Vienna: Verlag der Österreichischen Akademie der Wissenschaften, 2003.

Yarrow, L.M. *The Roman Republic to 49 BCE: Using Coins as Sources*. Cambridge: Cambridge University Press, 2021.

IRB Approval: none needed

Amanda Jo Coles

EDUCATION:

University of Pennsylvania , Philadelphia, PA	May 2004 – Aug. 2009
Ph.D. in Ancient History	
<i>Title of Dissertation:</i> “ <i>Not Effigies Parvae Populi Romani: Gods, Agency, and Landscape in Mid-Republican Colonization</i> ”	
<i>Committee:</i> Dr. Campbell Grey, Dr. C. Brian Rose, Dr. Jeremy McInerney, and Dr. James Ker	
University of Pennsylvania , Philadelphia, PA	Sept. 2002 – May 2004
M.A. in Ancient History	
<i>Language of Comprehensive Exam:</i> Classical Greek	
<i>Submission for Master's Research Requirement:</i> “The Talk of the Festival: Word Choice in Aristophanes' <i>Frogs</i> ”	
University of Colorado , Boulder, CO	Anticipated completion July 2026
M.S. in Data Science	
<i>Completed Coursework:</i> Statistical Inference & Modeling, Data Structures, Data Mining, Project Management, Databases, Network Analysis, Natural Language Processing, Ethics, Cybersecurity, Data Visualization	
University of Colorado , Boulder, CO	Sept. 2000 – May 2002
M.A. in Latin	
<i>Fields of Concentration for Exams:</i> Latin; Roman Republican, Social, and Religious History	
<i>Master's Thesis:</i> “Roman Military Ritual in the Republic: A Reflection of Changing Foreign Policy”	
<i>Advisor:</i> Dr. Noel Lenski	
University of Colorado , Boulder, CO	Sept. 1995 – Dec. 1999
B.A. in Classics (<i>cum laude</i>) and Mathematics	
University of California , Davis, CA	Apr. 2016 – May 2018
Certification of Geographic Information Systems (GIS) Specialization	
University of Wisconsin-Madison , Madison, WI	July 2020 – August 2020
Certification for Fundamentals of Online Teaching Course	

PROFESSIONAL EXPERIENCE:

Illinois Wesleyan University, Bloomington, IL

Associate Professor	August 2017 – present
<i>Dean of Curricular and Faculty Development</i>	August 2024 – July 2025
<i>Associate Dean of Curriculum and Instruction</i>	January 2022 – July 2024
<i>Director of Greek and Roman Studies</i>	August 2018 – August 2019
<i>Assistant Professor</i>	August 2013 – July 2017
<i>Visiting Assistant Professor</i>	August 2009 – July 2013
Departments of History (ongoing) and Greek and Roman Studies (through 2020)	

Latin: Beginning Latin I and II (Wheelock), Intermediate Latin I (Vergil, Ovid, Cicero, Catullus, *Lectiones Memorables* vol. 1), Directed Readings (Cicero, Petronius, Livy, Suetonius, Satire, Elegy, Prose Composition, Epigraphy, Vergil and Dante), Updated Latin Placement Exam

PUBLICATIONS and PAPERS:

Roman Colonies in Republic and Empire. Brill Research Perspectives in Ancient History. Leiden: Brill, 2020.

“Founding Colonies and Fostering Careers in the Middle Republic,” *Classical Journal* 112.3 (2017): 280-317.

“Freedman Magistrates in the Late Roman Republic and Empire: Caught between Patronage and Prejudice,” *Transactions of the American Philological Association* 147.1 (Spring 2017): 179-208.

Routledge Encyclopedia of Ancient Mediterranean Religions, ed. E. Orlin; entries on “Fortuna,” “Minerva,” “Vesta,” “fetial,” “flamen,” and “epulones.” (Routledge, 2016)

Conflict in Ancient Greece and Rome: The Definitive Political, Social, and Military Encyclopedia, edd. S. Phang and M. Trundle; entries on “Mars,” “Devotio,” “Portents,” “Fetiales,” “Ius Fetiale,” “Ara Pacis,” “Temple of Janus,” “Temple of Mars Ultor,” “Religion and Warfare (traditional Republic)”, and “Italian Religion” (ABC-CLIO, 2016)

Current Projects:

Gods, Landscape, and Community: A Network Approach to Mid-Republican Colonization. Book manuscript under a revise and resubmit request with Johns Hopkins University Press (September 2015).

Publications in Student Journals:

“Appius Claudius Caecus: Patrician and Politician.” *Saxum Scholia* 1. Proceedings of the First Annual Association for Students of the Classical World Student Symposium (University of Colorado, Boulder, April 2001): 107-121.

Conference Papers

“Freedmen as Magistrates in the Late Roman Republic and Empire.” Society for Classical Studies annual meeting. Toronto, ON, January 6, 2017.

“Success in Battle, Success in Building?: an ArcGIS Model of Roads, Campaigns, and Colonies in Republican Italy.” *Mapping the Past* conference hosted by the Ancient World Mapping Center at the University of North Carolina, Chapel Hill, NC, April 9, 2016.

“Building Bulwarks: an ArcGIS Model of Roads, Campaigns, and Colonies in Republican Italy.” Classical Association of the Middle West and South annual conference. University of Colorado, Boulder, CO, March 26, 2015.

“Cooperation and Competition in Republican Boards of *Tresviri Coloniae Deducendae*.” American Philological Association annual meeting. Seattle, WA, January 6, 2013.

“Religious Landscapes in Mid-Republican Latin Colonies: Products of Roman Hegemony?” Archaeological Institute of America annual meeting. San Antonio, TX, Jan. 7, 2011.

“Worshipping Diana: Religion and Colonization in Northern Italy.” American Philological Association annual meeting. Chicago, IL, January 4, 2008.

“Evocatio: A Manifestation of Foreign Policy in the Roman Republic.” Classical Association of the Middle West and South annual conference. University of Texas, Austin, TX, April 2002.

“Appius Claudius Caecus: Patrician and Politician.” Association for Students of the Classical World Symposium. University of Colorado, Boulder, CO, March 2001.

Invited Talks

“Roman Power and Religion in Mid-Republican Colonies.” University of Groningen, MA Seminar on Power and Cult in the Hellenistic World, Virtual Lecture, May 10, 2021.

“Ancient Worlds, Modern Technologies: How ArcGIS Illuminates Roman Republican Colonization.” Illinois Wesleyan University Faculty Colloquium, Bloomington, IL, November 11, 2016.

“Building Bulwarks: an ArcGIS Model of Roads, Campaigns, and Colonies in Republican Italy.” Department of History Colloquium at Illinois Wesleyan University. Bloomington, IL, April 2015. Sponsored by the Re- Centering Humanities Mellon Grant.

“Non-Roman Gods in Mid-Republican Colonies: A Case against Religious Romanization.” Department of the Classics Colloquium at the University of Illinois. Urbana-Champaign, IL, March 2, 2012.

“Worshipping Locally: the Creation of Community in Ancient Roman Colonization.” Religion Department Student-Faculty Colloquium at Illinois Wesleyan University. Bloomington, IL, February 20, 2012.

“Gods, Agency, and Landscape in Roman Colonization.” Portland State University. Portland, OR, February 28, 2011.

“Reporting Religious Omens: Roman Mandate or Colonial Choice?” History Department Colloquium at Illinois Wesleyan University. Bloomington, IL, November 16, 2010.

“Colonial Prodigies: Evidence of a Religious Hierarchy?” Classics Colloquium at Washington University. St. Louis, MO, February 15, 2010.

“Gods, Agency, and Landscape in Roman Colonization.” Ides Lecture and Performance Series at Illinois Wesleyan University. Bloomington, IL, September 17, 2009.

“Where are the Gods?: Religion and Roman Colonization.” Classical Humanities Society Lecture Series. Richard Stockton College, Pomona, NJ, March 2005.

STUDY ABROAD, GRANTS, and HONOR SOCIETIES:

March 2020	Artistic and Scholarly Development Grant, IWU, Bloomington, IL.
Spring 2020	Sabbatical Leave, IWU, Bloomington, IL.
Spring 2019	Diversity Course Development Grant, IWU, Bloomington, IL.
Fall 2018	Engaging Tomorrow’s Students Team-Teaching Grant, IWU, Bloomington, IL.
June 2018	Continuing Professional Development Grant, IWU, Bloomington, IL.
May 2018	Externally-Funded Faculty Scholarship Grant, IWU, Bloomington, IL.
Feb. 2017	Engaging Tomorrow’s Students Course Assignment Grant, IWU, Bloomington, IL.
Oct. 2015	Artistic and Scholarly Development Grant, IWU, Bloomington, IL.
Aug. 2015 – Dec. 2015	Junior Faculty Leave, IWU, Bloomington, IL.
Apr. 2015	Inducted as a member of Phi Kappa Phi
Jan. 2015 – April 2015	Information Literacy and Writing Mellon Grant, IWU.
Mar. 2014 – Aug. 2015	“Re-Centering the Humanities” Mellon Humanities Fellow, IWU.
Mar. 2010	Inducted as an honorary member of Eta Sigma Phi
Sept. 2008 – Mar. 2009	Oscar Broneer Traveling Fellowship, American Academy in Rome, Italy.
Sept. 2007 – May 2008	Benjamin Franklin Fellowship, University of Pennsylvania.
Sept. 2005 – May 2006	James Rignall Wheeler Fellowship, American School of Classical Studies at Athens, Greece.
Sept. 2002 – May 2007	William Penn Fellowship, University of Pennsylvania.
Sept. 2000 – May 2002	Teaching Assistant Fellowship, Department of Classics, University of Colorado, Boulder.
Sept. – Dec. 1998	Scholarship for Study Abroad at the Intercollegiate Center for Classical Studies, Rome, Italy.

PROFESSIONAL SERVICE:

Curriculum Development and Assessment

- Led a CETAL Faculty Reading Group on *Engaging Learners through Zoom*, April 15, 2021.
- Co-developer of a Geographic Information System (GIS) laboratory for IWU students and faculty development, Aug. 2016.
 - Led an IWU non-org discussion: “Interdisciplinary Opportunities in Spatial Analysis, an overview of ArcGIS.” Oct. 24, 2016.
 - Coordinated ArcGIS Training Workshop: “Geographically Relevant Teaching” at IWU Aug. 14-18, 2017.
 - Coordinated ArcGIS Training Workshop: “Engaging Tomorrow’s Students GIS Workshop” at IWU, Feb. 10, 2018.
 - Led an Introductory Workshop for ArcGIS Online at IWU, Sept. 28, 2018.
 - Participated in the Workshop on Signature Work at IWU, May 26-27, 2016.

- Assessment liaison for IWU's Greek and Roman Studies Program, 2013 - 2020
- Assessment liaison for IWU's History Department, 2013-2014, 2020-present
- Participated in the Workshop on Program Assessment at IWU, June 1-3, 2011
- Created student paper and presentation assessment tools for the Department/Program Assessment Plans of the Department of History and Greek and Roman Studies Program at IWU, 2011
- Participated in the Department of History's Self-Study in preparation for IWU's accreditation review and the departmental external review, 2010
- Participated in the Greek and Roman Studies Program's Self-Study in preparation for IWU's accreditation review and the program's external review, 2010
- Developed courses for IWU's general education categories of Cultural and Historical Change, The Arts, Second Language, the sophomore-level Writing Intensive flag, and the experimental May Term, 2009-present
- Participated in IWU's workshop to evaluate the Cultural and Historical Change general education category, 2010

Field, University, and Department Service

- Dean of Curricular and Faculty Development, 2024-2025
- Associate Dean of Curriculum and Instruction, 2022-2024
- Chair of the Curriculum Council, Fall 2021
- Summer Rising Titan Advisor, 2021-2025
- Member of the Curriculum Council, 2020-2022
- Member of the Resource Task Force, Oct. 2020
- First Year Advisor, History Department, 2020-2021
- Director of the Greek and Roman Studies Program, 2018-2019
- Member of the Internship Committee, 2018-2019
- Member of the Steering Committee for the World Languages and Cultures, 2018-2019
- Member of the Steering Committee for the Humanities Program, 2018-2020
- Phi Kappa Phi Chapter Treasurer, 2016-2022
- Website maintenance for the History and GRS Departments, 2010-2020
- Member of the ePortfolio Workgroup, Summer 2018
- Interdisciplinary Programs representative for CUPP, 2017-2018
- First Year Advisor, History Department, 2017-2018
- General Education Task Force, Spring 2017
- Curriculum Council Vice Chair, Spring 2015
- Member of the CC Work Group to schedule the GenEd Review, Spring 2015
- Curriculum Council Secretary, Fall 2014
- Acting Director of Greek and Roman Studies Program, Spring 2014
- Member of the Language Resource Center Steering Committee, Spring 2014
- Presided over a panel of the Illinois Classical Conference, University of Illinois at Urbana-Champaign, October 9, 2011
- Member of the Graduate Student Advocacy Council, University of Pennsylvania, 2002-2004

Student Club, Symposia, Publication, and Event Planning

- Participated in and helped organize the Ides Lecture and Performance Series, Greek and Roman Studies Program, IWU, 2009-2019
- Formed and acted as faculty advisor for the Harry Potter Foreign Language Club, Fall 2013
- Assisted with Eta Sigma Phi, Classics Club, and Phi Alpha Theta events, IWU, 2010-2019
- Association for Students of the Classical World, Department of Classics, University of Colorado, Boulder
 - ASCW Secretary and Founding Member, Fall 2000-Spring 2002
 - Member of ASCW Symposium Planning Committee and Journal Editing Board, 2001-2002

Proposal Title: Gods in the Money: A Network Analysis of Ancient Italian Coinage

Proposal Summary: I seek a sabbatical leave in Fall 2026 to conduct research and complete a peer-reviewed article, which uses computer-assisted network analysis of Italian coinage between the 6th and 1st centuries BCE to reveal new cultural and religious connections between peoples of the Italian peninsula. I will use a network modeling of symbols, legends, dates, and mints across approximately 4,900 Greek, Roman, and local coin types to identify novel patterns in the numismatic evidence. Network modeling de-emphasizes the assumption that coin production reflected centralized Roman authority; rather, connections between motifs and legends on the coins focus on shared cultural attributes between local Italian populations, especially in the earliest periods. This study serves as the foundation for my larger project examining network connections between gods in Roman Republican colonies and the wider ancient Mediterranean.