

Curriculum Vitae  
**SUSAN DIXON RENOE, PhD**

Associate Vice Chancellor  
Assistant Professor, Strategic Communication  
Executive Director & Principal Investigator, Center for Advancing Research Impact in Society  
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EDUCATION

**PhD** Education, University of California-Santa Barbara (2003)  
**MA** Education, University of California-Santa Barbara (2001)  
**MA** Anthropology, University of Missouri-Columbia (1999)  
**BA** Anthropology, University of Missouri-Columbia (1997)

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ACADEMIC EMPLOYMENT

- **Associate Vice Chancellor**, University of Missouri. (2021 – present)
- **Assistant Vice Chancellor**, University of Missouri. (2018 – 2021)
- **Assistant Professor with Graduate Faculty Status**, Strategic Communication, School of Journalism, University of Missouri. (2020 – present)
- **Principal Investigator and Executive Director**, Center for Advancing Research Impact in Society. (2018 – present)
- **Adjunct Assistant Professor with Graduate Faculty Status**, Department of Anthropology, University of Missouri. Columbia, Missouri. (2020 – present)
- **Adjunct Research Associate with Graduate Faculty Status**, Department of Anthropology, University of Missouri. Columbia, Missouri. (2016 –2020)
- **Principal Investigator**, National Alliance for Broader Impacts. (2014 – 2020)
- **Instructor**, Department of Anthropology, University of Missouri. Columbia, Missouri. (2013)
- **Lecturer**, Graduate School. University of Missouri. Columbia, Missouri. (2009-2016)
- **Instructor**, Department of Teaching, Learning, and Curriculum, University of Missouri. Columbia, Missouri (2012)

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OTHER PROFESSIONAL EMPLOYMENT

- **Executive Director**, The Connector, University of Missouri. Columbia, Missouri. (2017 –2018)
- **Chair**, steering committee of the NSF-funded National Alliance for Broader Impacts. (2014–2020)
- **Director**, Broader Impacts Network, University of Missouri. Columbia, Missouri. (2012 –2017)
- **Special Project Manager**, Office of Undergraduate Research and Office of Science Outreach, University of Missouri. Columbia, Missouri. (2012)
- **Instructor**, Project Archaeology. (2010-2011)

- **Assistant Director**, Office of Undergraduate Research, University of Missouri. Columbia, Missouri. (2003-2006)
- **Program Coordinator**, NIH-funded Exposure to Research for Science Students, University of Missouri. Columbia, Missouri. (2003-2006)

#### PROFESSIONAL AFFILIATIONS & NATIONAL SERVICE

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- **Member**, NSF Committee on Equal Opportunities in Science and Engineering (2021 – present)
- **Member**, Subcommittee on the Future of NSF EPSCoR (2021-2022)
- **Member**, Advancing Research in Society Network. (2018 — present)
- **Member**, American Association for the Advancement of Science (2015 — present)
- **Advisory Board Member**, CAREER: Disrupting the Status Quo Regarding Who Gets to be an Engineer (NSF Award EEC-2042377) (2021 - present)
- **Network Design Team**, Leaders in Science and Technology Engagement Networks Network (LISTEN) hosted by the Association of Science and Technology Centers. (2019 – present)
- **Advisory Board Member**, Collaborative Research: Embedding Public Engagement with Science at Long-Term Ecological Research Sites (NSF Award DRL 1713204). (2017 — present)
- **Advisory Board Member**, Leshner Leadership Fellows Program, AAAS. (2015 — 2021)
- **Advisory Board Member**, Collaborative Research: Grounding Institutional Partnerships in Structures for Broader Impacts Design (NSF Award DRL 1612810). (2017 — 2020)
- **Advisory Board Member**, The STEM Ambassador Program: A Scientist-Driven Public Engagement Model (NSF Award AISL 1514494), (2016-2022)
- **Review Panelist**, US Department of Education. (2020)
- **Review Panelist**: US National Science Foundation (2017, 2019-2020, 2022)
- **Member**, Center for Advancing Informal Science Education Research & Practice Task Force (NSF Awards DRL-1612739 and DRL-1842633). (2019-2020)
- **Book Reviewer**, Cambridge Press specializing in the societal impacts of research. (2017-present)
- **Website Reviewer**, Center for the Advancement of Informal Science Education. Review conducted by Inverness Research. (2013)
- **Book Reviewer**, Altamira Press, specializing in archaeology, anthropology, and archaeology/anthropology education. (2003)
- **Invited Participant**, White House STEM Education Workshop. University of Colorado. Boulder, Colorado. (2014)

#### UNIVERSITY SERVICE

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- **Member**, MU iChange Committee (2020 — 2022)
- **Member**, Museum of Anthropology Advisory Committee. (2017— present)
- **Member**, Search Committee for the Senior Associate Vice Chancellor for Research, University of Missouri (2021).
- **Member**, Search Committee for the Vice Chancellor for Research, University of Missouri. (2020)
- **Member**, UM System Engagement Council. (2019 – present)
- **Member**, Professional Development Council, Office of the Provost (2019-present)
- **Member**, Search Committee for the Associate Vice Chancellor for Extension & Engagement (2020)
- **Judge**, 3-Minute Thesis (2017, 2019, 2020)
- **Member**, Search Committee for the Director of the 4H Center for Youth Development (2018)

- **Chair**, MU Engagement Council (2018-2020)
- **Member**, Jefferson Farm and Garden Envisioning Committee (2019-2020)

#### SCHOOL OF JOURNALISM SERVICE

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- **Member**, Reynolds Journalism Institute Strategic Plan Committee. (2022 — present)
- **Member**, Diversity & Inclusion Committee, School of Journalism. (2020 – 2022)
- **Member**, Reynolds Journalism Institute Fellow Selection Committee. (2021)
- **Member**, Search Committee for the Maxine Wilson Gregory Chair. (2020)

#### INTERNATIONAL SERVICE

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- **Advisory Board Member**, Centres de Recerca de Catalunya (2022-present)
- **Advisory Board Member**, Impact of Impact (2021 – present)
- **Expert Member**, Research Impact Assessment team for the Centres de Recerca de Catalunya, a group of 40 centers of research near Barcelona, Spain. (2020)
- **Advisory Board Member**, Network for Advancing & Evaluating the Societal Impact of Science (The Hague, Netherlands). (2015 — present)
- **Member**, International Network of Research Management Societies—INORMS Research Impact and Stakeholder Engagement Working Group (2018-2021)
- **Jury Member**, Swedish Impact Award for Social Sciences and Humanities (2017)

#### TEACHING

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- JOURN 7050 — Communications Practice. (Fall 2022)
- JOURN 4952 – Undergraduate Research in Strategic Communication. (Fall 2021, Fall 2022)
- JOURN 8008 – Qualitative Research Methods. (Spring 2021, Spring 2022)
- GRAD 9070 – Essentials of Public Engagement. (Spring 2021, Fall 2021)
- GS40 10 –Preparing to be a Teaching Assistant. (2009-2016)
- ANTHRO 3004 – Developed and taught Public Archaeology, Undergraduate and Graduate Course. (2013)
- BIOSC/ANSCI 8725/PHYSCS 8350/LTC 8725 —Public Understanding of Science, Graduate Seminar. (2012)

#### STUDENT MENTORSHIP

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- Živilė Raskauskaite, School of Journalism, PhD Student (Fall 2022-present)
- Vy Luong, School of Journalism, PhD Student (Summer 2022-present)
- Kelly Dereuck, School of Journalism Masters Student, (Summer 2022-present)
- Tadeo Ruiz Sandoval, School of Journalism, Undergraduate (Spring 2022-present)
- Ana Hosomi, School of Journalism, Undergraduate (Summer 2021-Spring 2022)
- Zoe Wu, School of Journalism, Undergraduate (Fall 2021-Spring 2022)
- Samantha Laine, School of Journalism, Undergraduate (Fall 2021)
- Morgan Jackson, School of Journalism, Masters Student (Fall 2021)
- Jared Gendron, School of Journalism, Masters Student (Spring 2021)

- Cameron Flatt, School of Journalism, Masters Student (Fall 2020)
- Bryanne Peterson, North Carolina State University, Postdoctoral Fellow through the *Bridging the Gaps in Postsecondary Education CTE Research Program*. (2020-2021)
- Sarah Poor, School of Education Graduate Student (2018-2020)
- Rachel Bauer, Department of Theatre Graduate Student & Postdoctoral Fellow (2018-2019)
- Anahita Zare, Department of Chemistry Graduate Student & Postdoctoral Fellow (2015-2017)
- Jennifer Henderson, Division of Biological Sciences Graduate Student (2013-2014)
- Tabitha Finch, Division of Biological Sciences Graduate Student (2012-2013)

## FUNDING

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**Kavli Foundation** - \$90,000 to support work related to broader impacts and public engagement.

### **National Science Foundation (PI unless otherwise denoted)**

*Conference: Partnership to Grow Research Capacity in Emerging Research Institutions*

Total Award: \$606,730

ITE-2033003

December 15, 2022 – November 30, 2023

*Conference: Identifying Strategies for Building Capacity among MSIs and HBCUs for Advancing Research Impacts on Society (Co-PI)*

Total Award: \$99,994

MCB-2236057

August 15, 2022 – July 31, 2023

*Implementation and Evaluation of the ARIS Broader Impacts Toolkit (Co-PI)*

Total Award: \$749,866

OIA-2140950

October 1, 2021 – September 30, 2024

*Broadening participation of persons with disabilities in STEM*

Total Award: \$49,748

MCB-1940655

August 1, 2019 – July 31, 2022

*Center for Advancing the Societal Impacts of Research*

Award to Date: \$4,171,393 of \$5,221,393 (continuing award)

OIA-1810732

September 15, 2018 — August 31, 2023

*RCN: Broader Impacts and Outreach Network for Institutional Collaboration (BIONIC)*

Total Award: \$599,581

MCB-1408736

August 1, 2014 – July 31, 2020

*Broader Impacts Infrastructure Summit 2014*

Total Award: \$40,000

Award #: IIA-1437105

March 15, 2014 – February 28, 2016

*The Broader Impacts Network: A national infrastructure model*

Total Award: \$100,000

MCB-1313197

September 1, 2013 – August 31, 2016

**Women's Foundation of Kansas City - \$15,000**

*Appointment's Project*

November 20, 2018 – May 20, 2019

**UM System IDIC - \$100,000**

Broader Impacts Network

August 1, 2015 – July 21, 2016

**Mizzou Advantage - \$21,000**

Broader Impacts Infrastructure Summit

2012-2013

PUBLICATIONS

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- 2022 Renoe, Susan D., and Christofer Nelson. "Creating a Science-Engaged Public." *Issues in Science and Technology* (September 28, 2022).
- 2017 Adetunji, O. O, & Renoe, S. D. Assessing Broader Impacts. *MRS Advances*, 1-6. doi:10.1557/adv.2017.136
- 2005 Research for the masses: Preparing Students for Undergraduate Research Day at the Missouri State Capitol. *CUR Quarterly* 26(2): 80-83.
- 2003 "The Draw-an-Archaeologist Test: A Good Way to Get the Ball Rolling." *Science Activities* 40(3): 31-36.
- 2003 "Students' Conceptions of Archaeology: Fact or Fiction?" *The SAA Archaeological Record* 3(5): 21-23.
- 1996 Dixon, S. and R.L. Lyman, On the Holocene History of Elk (*Cervus elaphus*) in Eastern Washington. *Northwest Science* 70:262–272.
- 1996 Historical Faunal Turnover: Replicable Documentation of Change in Mount Rainier National Park. *McNair Journal* 4:4–9. Columbia: University of Missouri.

BOOKS

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IP\* Van Egeren, L. and S.D. Renoe (editors). Handbook of Broader Impacts. East Lansing, Michigan: Michigan State University Press.

#### BOOK CHAPTERS

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IP\* Renoe, S.D., R.E. Bauer, M.R. Bolding and A. Zare. Twenty Years of Broader Impacts: A Retrospective. Broader Impacts Handbook. East Lansing, Michigan: Michigan State University Press.

2007 "The Draw-an-Archaeologist Test: Eliciting Students' Ideas about Archaeology" in H. Burke & C. Smith (eds.) Chapter 15. Archaeology to Delight and Instruct. Walnut Creek, CA: Left Coast Press Inc.

#### KEYNOTES & DISTINGUISHED LECTURES

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2022 International Trends in Knowledge Mobilization and Research Impact. Panel discussion at Canadian Association of Research Administrators. May 31, 2022.

2022 Broader Impacts: A Strategy for Research Development. Keynote for the National Organization of Research Development Professionals Annual Meeting. April 25, 2022.

2021 Broader and Societal Impacts. University of Western Cape Community Engagement Unit 2021 Virtual Colloquium. October 28, 2021.

2021 Executive and Legislative Policies: Advancing or Constraining DEI in STEM. Panel for the AAAS Science and Technology Forum. October 10, 2021.

2021 Exploring the Relationship Between Basic Science and the Public. July 7, 2021.

2021 Communicating Science Seminar: Tools for Public Engagement Activities and Capacity Building. AAAS Annual Meeting. February 5, 2021.

2021 JSPG-AAAS Panel: Strategizing Federal US Research Investments to Maximize Economic and Social Impact. January 22, 2021.

2020 Invited speaker for the NSF-funded EPS-WO Gateway for Education, Training, Broader Impacts and Outreach project EPSCoR Town Halls. December 14-15, 2020.

2020 Broader Impacts 2030. Invited presentation to the National Science Board. December 9, 2020.

2020 How to Ensure that Your Broader Impacts and Broadening Participation Plans have IMPACT. Invited lecture for the National Science Foundation Biological Science Directorate MCB Office Hours. November 18, 2020.

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\* In Progress

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- 2020 The BI Criterion: From Activity to Impact. Invited lecture for the National Science Foundation Engineering Directorate Advisory Board. October 22, 2020.
- 2019 Broader Impacts: Coming of Age. Distinguished lecture co-sponsored by the Office of Integrative Activities and Engineering Division, National Science Foundation. Alexandria, VA.
- 2019 Leveraging Broadening Participation to Advance Research Impacts in Society. Presented to the Committee on Equal Opportunities in Science and Engineering. Alexandria, VA.
- 2017 Broader Impacts: A Vision for Engagement. Invited speaker for the National Science Foundation GeoSciences Directorate Advisory Committee. Arlington, Virginia.
- 2017 Broader Impacts for Engaged Scholarship. Keynote address for IUtah: Achieving Broader Impacts in Research. University of Utah.
- 2017 Making Broader Impacts Work for You! Keynote address at The Ohio State University. Columbus, Ohio. November 14, 2017.
- 2016 Broader Impacts: From Policy to Practice. Office of Integrated Activities Distinguished Lecture, National Science Foundation. Arlington, VA.
- 2013 MU Broader Impacts Network. Presented to the Committee on Equal Opportunities in Science and Engineering. National Science Foundation. Arlington, Virginia.

## PRESENTATIONS

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- 2020 Beyond Broader Impacts: Societal Impact and the Role of Institutions. Presented at the University of Nebraska-Lincoln.
- 2020 NSF CAREER Award Workshop—University of Nebraska-Lincoln.
- 2019 Broadening Your Impact: An Engaged Perspective. Presented at the National Research Conference for the American Association for Agricultural Education. Des Moines, IA.
- 2019 A Shared Vision: Overcoming the Barriers for Scientists to Communicate and Engage. Panelist at the American Association for the Advancement of Science Annual Meeting. Washington, DC.
- 2018 Experiences and perspectives around metrics. SciOut Conference, Rockefeller University. New York, NY.
- 2018 Implementing Impact in Institutions. Presented at the Impact of Science Conference. Ottawa, Canada.
- 2018 What are the latest developments on measuring impact and how do they help creating more structured insight in impact- performance? Presented at the Impact of Science Conference. Ottawa, Canada.

- 2018 How Broad Are Your Impacts? Tools From an International Collaboration of Impact Networks. Presented at the Canadian Knowledge Mobilization Forum. Winnipeg, Canada.
- 2018 Taking the Pressure Off: Building Capacity for Public Engagement with Science. Presented at the American Association for the Advancement of Science Meeting. Austin, Texas, February 15, 2018.
- 2017 Broader Impacts for the 21st Century and Beyond. A workshop for the Broader Impacts Summit. Stevenson, Washington. Presenters: Megan Heitmann, Iowa State University; Susan Renoe, University of Missouri; Julie Risien, Oregon State University; Diane Rover, Iowa State University; David Phipps, York University; and Sara Vassmer, University of Missouri
- 2017 Broader Impacts for NSF Proposals. On-line video developed with Sara Vassmer and Jory Weintraub and produced with the American Association for the Advancement of Science. <https://careerdevelopment.aaas.org/course-catalog/broader-impacts-nsf-proposals/>
- 2016 Online interview for the international Research Impact Summit. Hosted by Knowledge Translation Australia. 1000 registrants.
- 2016 Even Broader Impacts. National Science Foundation Science and Technology Center Director's Meeting. Arlington, VA.
- 2016 Broader Impacts and the Institution: A Paradigm Shift for the Future. Presentation with Jim Bader (Case Western Reserve University), Sriram Sundararajan (Iowa State University), & Michael Thompson (University of Oklahoma). Broader Impacts Summit. Philadelphia, Pennsylvania.
- 2016 Broader Impacts, Institutional Support, and Faculty Retention. Presentation with Megan Heitmann, Lisa Larson, Diane Rover, & Mack Shelley (Iowa State University) at the Broader Impacts Summit. Philadelphia, Pennsylvania.
- 2016 NSF Broader Impacts: An Overview. Keynote Address at Beyond Academia: Maximizing Research Impact. University of Puerto Rico-Mayaguez
- 2016 Broader Impacts: Proposal Support. University of Puerto Rico-Mayaguez
- 2015 Understanding and Recognizing Broader Impacts at Many Levels. Presented at the Workshop on Building an Institutional Framework for Faculty Success. Evanston, IL.
- 2015 Experiences with implementing "Broader Impact" in the USA. Impact of Science Conference. Amsterdam, The Netherlands. June 4-5.
- 2014 Broader Impacts: Building a Framework for Success. Presented at the American Chemical Society Regional Meeting. University of Missouri. Columbia, Missouri.
- 2014 Broader Impacts and MU Extension: An Essential Connection. Presented at the MU Extension Annual Conference. Columbia, Missouri.



- 2014 The Future of the Broader Impacts Infrastructure Community. Panelist and Facilitator at the Broader Impacts Infrastructure Summit. Arlington, Virginia.
- 2013 Challenges for Broader Impacts Infrastructure Support. Presented at the Broader Impacts Infrastructure Summit. University of Missouri. Columbia, Missouri.
- 2004 "Preparing Students for Undergraduate Research Day at the Missouri State Capitol." Poster presented at the Council on Undergraduate Research Meeting, LaCrosse, WI; June 23-26.
- 2001 "Don't Share the Dirt." Paper presented at the Annual Society for American Archaeology meetings, New Orleans, LA; April 18-22.
- 2001 "When I think of archaeology, I have to think of Indiana Jones." Paper presented at the Annual National Association for Research in Science Teaching meetings, St. Louis, MO; March 25-28.
- 2000 "Archaeologists Do What?: Students Initial Conceptions of Archaeology." Paper presented at the Annual American Anthropological Association meetings, San Francisco, CA.; November 15-19.

#### HONORS AND AWARDS:

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- *Research Development Champion*. National Organization of Research Development Professionals: 2022.
- AAAS Fellow: October 20, 2021.
- UM System Administrative Leadership Development Program: 2016-2017
- *Outstanding Teaching Assistant Award*, University of California-Santa Barbara: 2001
- Ford Foundation Fellow: 1997–2000
- Thurgood Marshall Fellow: 1997–1999
- McNair Scholar, University of Missouri-Columbia: 1995–1996
- Arts and Sciences Undergraduate Research Mentorship, University of Missouri-Columbia: 1995
- Brooks Scholar, University of Missouri-Columbia: 1993–1997