

# Devasmita Chakraverty, PhD, MPH, MSc

Washington State University, College of Education

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## RESEARCH INTERESTS

STEM Education || Medical Education || Graduate Education || Impostor Phenomenon Research || Women and Underrepresented Minorities in STEM and Medicine

## PROFESSIONAL PREPARATION

### **Ph.D., Science Education (2013)**

University of Virginia, Department of Curriculum, Instruction and Special Education

Dissertation: *An Examination of how Women and Underrepresented Minorities Experience Barriers in Biomedical Research and Medical Programs*

### **M.P.H., Toxicology (2008)**

University of Washington, Department of Environmental and Occupational Health Sciences

Thesis: *An Evaluation of Potential Risk Factors for Cancer and Non-Cancer Health Effects Associated with Heavy Metal Exposure*

### **M.Sc., Environmental Sciences (2005)**

University of Calcutta, India

Thesis: *Estimating benzene in the ambient air in traffic intersections, residential areas, and indoor air using gas chromatography* (West Bengal Pollution Control Board, Kolkata, India)

### **B.Sc., Zoology (Honors), Chemistry, Botany (2003)**

University of Calcutta, India

## APPOINTMENTS

### **Assistant Professor of Science Education (2016- present)**

Washington State University, College of Education  
Department of Teaching and Learning, Spokane, WA

### **Postdoctoral Researcher, Biology Education (2014-2016)**

Leibniz-Institute for Science and Mathematics Education, Kiel, Germany

### **Postdoctoral Research Associate, Chemistry Education (2013-2014)**

University of Nebraska, Lincoln, NE

### **Toxicologist (2008-2009)**

Veritox®, Inc. (formerly GlobalTox, Inc.), Redmond, WA

## VISITING POSITION

- **2017:** Visiting Faculty, Homi Bhabha Centre for Science Education, TIFR, Mumbai, India (Summer appointment)

## MEDIA

“Researcher explores why some people in STEM and medicine fields feel like impostors”- Published on May 30, 2018 by the WSU Health Sciences Spokane Extra ([Link](#))

## PEER REVIEWED PUBLICATIONS

9. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (**In Press**). Transition experiences in MD-PhD programs. *CBE- Life Sciences Education*.
8. Dabney, K. P., **Chakraverty, D.**, Hutton, A. C., Warner, K. A., & Tai, R. H. (2017). The bachelor's to Ph.D. transition: Factors influencing Ph.D. completion among women in chemistry and physics. *Bulletin of Science, Technology & Society*. doi: 10.1177/0270467617710852
7. Gantner, S., Großschedl, J., **Chakraverty, D.**, & Harms, U. (2016) Assessing what prospective laboratory assistants in Biochemistry and Cell Biology know: Development and validation of the test instrument PROKLAS. *Empirical Research in Vocational Education and Training*. DOI: 10.1186/s40461-016-0029-9
6. Stains, M, Pilarz, M., & **Chakraverty, D.** (2015). Short and Long-Term Impacts of the Cottrell Scholars Collaborative New Faculty Workshop. *Journal of Chemical Education*, 92(9), 1466-1476. <http://pubs.acs.org/doi/abs/10.1021/acs.jchemed.5b00324>
5. Lund, T.J., Pilarz, M., Velasco, J.B., **Chakraverty, D.**, Rosploch, K., Undersander, M., & Stains, M. (2015). The Best of Both Worlds: Building on the COPUS and RTOP Observation Protocols to Easily and Reliably Measure Various Levels of Reformed Instructional Practices. *CBE- Life Sciences Education*, 14(2), ar18 DOI: [10.1187/cbe.14-10-0168](https://doi.org/10.1187/cbe.14-10-0168)
4. Baker, L.A., **Chakraverty, D.**, Columbus, L., Feig, A.L., Jenks, W.S., Pilarz, M., Stains, M., Waterman, R., & Wesemann, J.L. (2014). Cottrell Scholars Collaborative New Faculty Workshop: Professional Development for New Chemistry Faculty. *Journal of Chemical Education*, 91(11), 1874-1881. DOI: 10.1021/ed500547n
3. Kong, X., **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., & Tai, R.H. (2013). How do interaction experiences influence doctoral students' academic pursuits in biomedical research? *Bulletin of Science, Technology & Society*, 33(3-4), 76-84. DOI: 10.1177/0270467613516754

2. **Chakraverty, D.**, & Tai, R. H. (2013). Parental occupation inspiring science interest: Perspectives from physical scientists. *Bulletin of Science, Technology & Society*, 33(1-2), 44-52. DOI: 10.1177/0270467613509367

1. Dabney, K. P., **Chakraverty, D.**, & Tai, R. H. (2013). The association of family influence and initial interest in science. *Science Education*, 97(3), 395-409. DOI 10.1002/sce.21060

## **MANUSCRIPTS UNDER REVIEW**

4. **Chakraverty, D.** (**Major revisions**). Impostor Phenomenon in STEM: Onset, Attribution, and Identity. *Studies in Graduate and Postdoctoral Education*.

3. Shukla, K.D. & **Chakraverty, D.** (**Under review**). How Students' Learning Approaches influence the relations between Parental Education and Achievement in the US, India and China? *International Journal of Science and Mathematics Education*.

2. **Chakraverty, D.** & Jeffe, D.B. (**Under review**). How Open-Ended Survey Questions Can Aid in Rigorous Qualitative Research Design. *Journal of Microbiology & Biology Education*.

1. **Chakraverty, D.**, Dabney, K.P., Jeffe, D.B., & Tai, R.H. (**Under Review**). Why Do MD-PhD Students Leave their Program? *CBE- Life Sciences Education*.

## **FUNDED GRANTS (AS PRINCIPAL INVESTIGATOR)**

1. Washington State University  
New Faculty Seed Grant (2017; \$30,000)  
(Acceptance rate: 18.4%; 9 out of 49 proposals were funded)  
Title: *Impostor Phenomenon in Medicine and Biomedical Sciences*
2. Washington State University, College of Education  
Faculty Research Funding Award (2017; \$6,500)  
Title: *Impostor Phenomenon in STEM*
3. Federal Ministry of Education and Research (BMBF; Germany)  
PerLe funding for innovative teaching (2015; €5,000)  
Title: *Catalyzing Active Learning Strategies in Evolution*

## PEER REVIEWED CONFERENCE PRESENTATIONS

### National and International

(**AAMC**- Association of American Medical Colleges; **AERA**- American Educational Research Association; **NARST**- National Association for Research in Science Teaching)

46. Jeffe, D.B., **Chakraverty, D.**, & Andriole, D.A. (November, 2018). *Predictors of Faculty Appointment among Underrepresented Racial/Ethnic Minorities in Medicine: A National Study*. AAMC Annual Meeting, Austin, TX.

45. **Chakraverty, D.** (June, 2018). *Impostor Syndrome among Black and Hispanic Women in STEM*. Annual Network of STEM Education Centers National Conference, Columbus, OH. [Did not attend]

44. **Chakraverty, D.**, Dabney, K.P., Jeffe, D.B., & Tai, R.H. (April, 2018). *Pursuing a PhD in Biomedical Science: Reasons and Challenges*. Annual AERA Meeting, New York, NY.

43. **Chakraverty, D.** (March, 2018). *Impostor Phenomenon among graduate students in STEM*. Annual NARST Conference, Atlanta, GA.

42. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (March, 2018). *The role of prior research experience and other related experiences in medical school entry*. Annual NARST Conference, Atlanta, GA.

41. **Chakraverty, D.** & Jeffe, D.B. (March, 2018). *How graduate school climate perpetuates the impostor phenomenon in STEM*. 10<sup>th</sup> Conference on Understanding Interventions that Broaden Participation in Science Careers, Baltimore, MD.

40. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (November, 2017). *The role of initial interest, selection factors, and prior preparatory experience in medical school enrollment*. AAMC Annual Meeting, Boston, MA.

39. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (November, 2017). *Switching Phases, Switching Degrees: Examining MD-PhD dropout*. AAMC Annual Meeting, Boston, MA.

38. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (November, 2017). *Phase Transitioning in the MD-PhD Programs*. AAMC Annual Meeting, Boston, MA.

37. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (April, 2017). *Pre-enrollment Experiences Influencing Medical School Entry and Retention: A Qualitative Study*. Annual AERA Meeting, San Antonio, TX.

36. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (April, 2017). *Factors Contributing to MD-PhD Program Attrition: A Qualitative Case Study*. Annual AERA Meeting, San Antonio, TX.

35. Dabney, K.P., Hutton, A.C., **Chakraverty, D.**, & Tai, R.H. (April, 2017). *Physics Doctoral Retention and Graduation: Gender and Pre-Doctoral Factors*. Annual AERA Meeting, San Antonio, TX.
34. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (April, 2017). *Pre-doctoral Factors Influencing BMS-PhD Entry and Retention: A Qualitative Study*. Annual NARST Conference, San Antonio, TX.
33. **Chakraverty, D.**, Fiedler, D., & Harms, U. (September, 2016). *Instructional Support for Learning Concepts in Evolutionary Theory with Visualizations*. Conference of European Researchers in Didactics of Biology (ERIDOB), Karlstad, Sweden.
32. **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., & Tai, R.H. (April, 2016). *What We Talk When We Talk About Gender*. Annual NARST Conference, Baltimore, MD.
31. **Chakraverty, D.**, Gantner, S., Großschedl, J., & Harms, U. (April, 2016). *Measuring Professional Knowledge of Laboratory Assistants in Germany: Test Instrument Development and Validation in Biochemistry/Cell Biology*. Annual NARST Conference, Baltimore, MD.
30. **Chakraverty, D.**, Andriole, D.A., Jeffe, D.B., Wathington, H., & Tai, R.H. (April, 2016). *Factors Affecting Persistence in Biomedical Research: A Racial/Ethnic Comparison of Barriers in the PhD Programs*. Annual AERA Meeting, Washington, D.C.
29. **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., & Tai, R.H. (April, 2016). *Examining Transition Barriers in the American MD/PhD Programs: Perspectives Across Different Racial/Ethnic Groups*. Annual AERA Meeting, Washington, D.C.
28. Tai, R.H., **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., & Wathington, H. (April, 2016). *A Racial/Ethnic Comparison of Personal and Program Barriers across American Medical Schools*. Annual AERA Meeting, Washington, D.C.
27. Shukla, K.D., & **Chakraverty, D.** (August, 2015). *Academic Engagement and Mathematics Interest in Authoritative Classrooms*. European Science Education Research Association Conference, Helsinki, Finland. [Published in *Proceedings of the 2015 European Science Education Research Association (ESERA)*, Part 17 Strand 17 Science in the secondary school, 2846.]
26. **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., & Tai, R.H. (April, 2015). *Supports and Barriers: Voices from Black Females across the Biomedical Research Pipeline*. Annual AERA Meeting, Chicago, IL.
25. Shukla, K.D., & **Chakraverty, D.** (April, 2015). *Parental Educational Level, Learning Approaches and Student Achievement: A Comparative Mediation Path Analysis between US and India*. Annual AERA Meeting, Chicago, IL.

24. **Chakraverty, D.**, & Shukla, K.D. (April, 2015). *The Study Habits of Engineering Undergraduate Students in India and the USA: A Comparative Qualitative Analysis*. Annual NARST Conference, Chicago, IL.
23. Stains, M., Pilarz, M., **Chakraverty, D.**, Waterman, R., Feig, A., & Wesemann, J.L. (March, 2015). *Long-term impacts of the Cottrell Scholars Collaborative New Faculty Workshop*. 249th American Chemical Society National Meeting, Denver, CO.
22. Shukla, K., & **Chakraverty, D.** (March, 2015). *Parental Education, Learning Approaches and Achievement: Comparative Mediation Analysis between the US, India, and China*. Annual Meeting of the Comparative International Education Society, Washington, D.C.
21. **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., & Tai, R.H. (November, 2014). *Supports and Barriers: Voices from Black Females across the Biomedical Research Pipeline*. AAMC Annual Meeting, Chicago, IL.
20. **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., & Tai, R.H. (November, 2014). *Mentoring Barriers for Women in Medicine and Biomedical Research: A Qualitative Exploratory Analysis*. AAMC Annual Meeting, Chicago, IL.
19. **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., & Tai, R.H. (November, 2014). *Examining Barriers for Underrepresented Racial/Ethnic Minorities in Biomedical Research and Medical Programs*. AAMC Annual Meeting, Chicago, IL.
18. **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., & Tai, R.H. (November, 2014). *Examining Gender-role Barriers for Women in Biomedical Research and Medical Programs*. AAMC Annual Meeting, Chicago, IL.
17. Pilarz, M., **Chakraverty, D.**, Lund, T.J., Velasco, J.B., & Stains, M. (August, 2014). *Impact of the Cottrell Scholars Collaborative New Faculty Workshop program on instructional practices and teaching beliefs*. American Chemical Society National Meeting, Symposium on Chemistry Education Research: Implications for Practice, San Francisco, CA.
16. Pilarz, M., **Chakraverty, D.**, & Stains, M. (August, 2014). *Teaching profiles of chemistry assistant professors: Factors influencing their awareness and adoption of evidence-based instructional practices*. American Chemical Society National Meeting, Symposium on Chemistry Education Research, San Francisco, CA.
15. Lund, T.J., **Chakraverty, D.**, Pilarz, M., Velasco, J.B., & Stains, M. (August, 2014). *Influencing faculty instructional strategies: The effect of an on-site, semester-long faculty development workshop on classroom practices*. American Chemical Society National Meeting, Symposium on Chemistry Education Research: Implications for Practice, San Francisco, CA.

14. Wesemann, J.L., Feig, A., Waterman, R., Pilarz, M., **Chakraverty, D.**, & Stains, M. (August, 2014). *Getting off to an informed start: Insights from the Cottrell Scholars Collaborative New Faculty Workshop*. Biennial Conference on Chemical Education, Grand Rapids, MI.
13. DeChenne, S.E., **Chakraverty, D.**, & Stains, M. (July, 2014). *Relationships between DBER and Science Instruction: Perceptions from Stakeholders*. Annual Meeting of the Society for the Advancement of Biology Education Research, Twin Cities, MN.
12. **Chakraverty, D.**, Andriole, D.A., Jeffe, D.B., Wathington, H., & Tai, R.H. (April, 2014). *Examining Gender-role Barriers for Women in Biomedical Research and Medical Programs*. Annual AERA Meeting, Philadelphia, PA.
11. **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., & Tai, R.H. (April, 2014). *Perspectives of Female Biomedical-Science Faculty about the Transition from Student to Independent Researcher*. Annual AERA Meeting, Philadelphia, PA.
10. Kong, X., **Chakraverty, D.**, Andriole, D.A., Jeffe, D.B., Wathington, H., & Tai, R.H. (April, 2014). *Interaction Influences on Doctoral Students' Academic Pursuits in Biomedical Research: An Exploratory Qualitative Study*. Annual AERA Meeting, Philadelphia, PA.
9. **Chakraverty, D.**, Andriole, D.A., Jeffe, D.B., Wathington, H., & Tai, R.H. (March, 2014). *Examining Barriers for Underrepresented Racial/Ethnic Minorities in Biomedical Research and Medical Programs*. Annual NARST Conference, Pittsburgh, PA.
8. **Chakraverty, D.**, & Tai, R. H. (April, 2013). *Parental Interests Inspiring Physical Scientists' Interest in Science: A Qualitative Study*. Annual AERA Meeting, San Francisco, CA.
7. Hall, M.T., **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., Tai, R.H. (April, 2013). *Faculty and peer mentoring of MD-PhD students: Implications for physician-scientist workforce diversity*. Annual AERA Meeting, San Francisco, CA.
6. **Chakraverty, D.**, Jeffe, D.B., Andriole, D.A., Wathington, H., Tai, R.H. (April, 2013). *Reported Barriers to Academic Success for Hispanic MSTP Physician Scientists: An Exploratory Qualitative Study*. Annual NARST Conference, San Juan, PR.
5. **Chakraverty, D.**, & Tai, R. H. (April, 2013). *A Qualitative Examination of the Components of Family Encouragement Associated with Science Interest*. Annual NARST Conference, San Juan, PR.
4. Hall, M.T., **Chakraverty, D.**, Wragg, S., Jeffe, D.B., Andriole, D.A., Wathington, H., Tai, R.H. (May, 2012). *Mentoring beyond the present: Understanding interventions with implications for physician-scientist workforce diversity*. 5<sup>th</sup> Understanding Interventions Conference, Baltimore, MD.

3. Dabney, K. P., **Chakraverty, D.**, Almarode, J. T., & Tai, R. H. (April, 2012). *The Association of Parental Influence on Early Interest in Science*. Annual AERA Meeting, Vancouver, B.C., Canada.

2. **Chakraverty, D.**, & Tai, R. H. (April, 2012). *It Runs in the Family: Association of Parental Occupation and Physical Scientists' Science Interest*. Annual AERA Meeting, Vancouver, B.C., Canada.

1. **Chakraverty, D.**, & Tai, R. H. (March, 2012). *The Association of Parental Hobbies and Male Physicists' Interest in Science*. Annual NARST Conference, Indianapolis, IN.

### **Regional**

3. **Chakraverty, D.** (February, 2017). *Examining the Impostor Phenomenon among Asian Students in STEM Programs*. 13<sup>th</sup> Annual International Globalization, Diversity, and Education Conference, Airway Heights, WA.

2. Shukla, K., & **Chakraverty, D.** (March, 2014). *Relations between Parents' Educational level and Student Achievement: A Comparative Study between US and India using PISA 2009 Dataset*. Annual Curry Research Conference, University of Virginia, Charlottesville, VA.

1. Younglove, L.R., **Chakraverty, D.**, Scherer, A.C., Krogstad, F., Tsuchiya, A., Faustman, E.M. (September, 2008). *Domoic acid risk assessment: Neurobehavioral implications for fetuses exposed in utero and neonates exposed via breast milk*. Annual Pacific Northwest Association of Toxicologists, Corvallis, OR.

### **ACADEMIC HONORS AND AWARDS**

- **2018:** Travel Award for presenting at the 2018 Conference on Understanding Interventions that Broaden Participation in Science Careers in Baltimore, MD. (\$495)
- **2017:** Jhumki Basu Scholar Award. Awarded by the Equity and Ethics Committee to present at the 2017 NARST Conference. (\$700; 15 out of 47 applicants were awarded; 32%)
- **2016:** German Academic Exchange Service (DAAD). Awarded to present at the 2016 annual American Educational Research Association conference in Washington, D.C. (€1,978)
- **2016:** National Association for Research in Science Teaching International Committee Scholarship: Awarded to present at the 2016 NARST Conference in Baltimore, MD. (\$300)
- **2016:** Teaching Certificate of Excellence for the project "Catalyzing Active Learning Strategies in Evolution" and for innovative, future-oriented teaching at the Christian-Albrechts-University in Kiel, Germany.
- **2015:** ESERA Early Career Researcher Travel Award: Awarded by the European Science Education Research Association to visit the Center for Innovation and Research in Graduate Education, University of Washington, Seattle. (April-May, 2015) (€1,000)
- **2014:** Dissertation selected as among the top three finalists for the Doctoral Education across the Disciplines American Educational Research Association SIG Outstanding Dissertation Award.



## MENTORING

### **Graduate students in College of Education, Washington State University**

- Caroline Oluyomi Ojeme (2016-2017) Project TrEMUR

### **Graduate students in College of Pharmacy, Washington State University**

- Brittany Leaf (2018-present)
- Teresa Zhang (2018-present)

### **Graduate student in Kiel University, Germany**

- Sebastian Bergmann (2015-2016) Project CALSE

## ADVISING

### **Graduate students in College of Education, Washington State University**

- Cory Ray (2017-present) (Temporary PhD adviser)
- Christine Anne McManus (2016-present) (Dissertation committee member)

## TEACHING EXPERIENCE

### **Instructor, College of Education, Washington State University (2016- current)**

TCH LRN 522: Survey Development and Implementation Methods (Spring 2017, Spring 2018) (3 credits)

ED AD 507: Social Foundations of Education (Fall 2017) (3 credits)

### **Instructor, Homi Bhabha Centre for Science Education, TIFR, India (Summer 2017)**

Academic Writing (Graduate-level course; 3 credits)

### **Graduate Teaching Assistant; University of Virginia (2010-2011)**

EDIS 5330: Science in Elementary Schools (Required for elementary teacher certification)

### **Secondary School Teacher; Kolkata, India (2005-2006)**

Taught physics, chemistry, mathematics, and environmental sciences (Grades 6-10)

## INVITED TALKS

**2018:** The Scientista Symposium: Innovation in STEM- Scientistas Advancing the Field, New York, NY (April 13-15). Topic: The (Im)poster Child of STEM.

**2017:** Elson S. Floyd College of Medicine Group on Women in Medicine and Science, Washington State University (November 30). Topic: Understanding the (Im)poster child: Why do highly successful individuals feel like they do not belong?

**2013:** DBER Speaker Series, University of Nebraska, Lincoln, NE

## INVITED WORKSHOPS

- **2017:** Conducted a 1-day workshop on “Academic Writing” as a part of a 10-day national workshop on “Understanding Research Methodology in Social Sciences for Scheduled Caste/Scheduled Tribe Students.” The Department of Education, University of Mumbai and

Western Regional Center- Indian Council of Social Science Research, Mumbai, India

- **2017:** Conducted a 2-day “Academic Writing Workshop” organized by The Western Regional Center- Indian Council of Social Science Research, Mumbai, India

## **PROFESSIONAL SERVICE**

### **NATIONAL/INTERNATIONAL-LEVEL**

- **Invited reviewer:** epiSTEME 7 Conference (7<sup>th</sup> International Conference to Review Research in Science, Technology and Mathematics Education), Mumbai, India (2018)
- **Reviewer:** 13<sup>th</sup> Quality in Postgraduate Research Conference, Australia (2018)
- **Chair:** Special Interest Group 168 Outstanding Publication Award Committee, American Educational Research Association (2017)
- **Review Board Member:** *Journal About Women in Higher Education* (2017-2019)
- **Editorial Board Member:** *Journal of Psychological Sciences* (2015-2017)
- **Reviewer:** SIG 168 Doctoral Education across the Disciplines Outstanding Dissertation Award Committee, American Educational Research Association (2016, 2018)
- **Ad Hoc Reviewer:** *CBE- Life Sciences Education; International Journal of Doctoral Studies; Journal of Microbiology and Biology Education; Science Education; Studies in Graduate and Postdoctoral Education*
- **Annual Conference Proposal Reviewer:**
  - The Association for the Study of Higher Education. (2014-2016, 2018)
  - American Educational Research Association. (2013-present)
  - American Educational Research Association Division D Graduate Student In-progress Research Gala (2016, 2017)
  - Association for Science Teacher Education (2015)
  - European Science Education Research Association (ESERA) Summer School (2016, 2017)
  - National Association for Research in Science Teaching. (2014-present)
  - Society for the Advancement of Biology Education Research (2016-present)
- **Panelist:** Pre-departure orientation for undergraduate and graduate students (Fall 2017); United States-India Educational Foundation, Kolkata (India) (2017)

### **INSTITUTION-LEVEL (WASHINGTON STATE UNIVERSITY)**

- **Reviewer:** Faculty Research Funding Award, College of Education (2017)
- **MMI Evaluator:** Elson S. Floyd College of Medicine (2017)
- **Evaluator:** Logan Scholarships (2017-2018)
- **Committee member**
  - Graduate Studies Committee, College of Education (2017-present)
  - Grants and Research Advisory Committee, College of Education (2016-present)
  - Mathematics and Science Education PhD Committee (2016-present)
  - Mental Health Promotion and Suicide Prevention Committee (Spring, 2017)
  - Elected member of the President’s Commission on the Status of Women (CSW) (2017-2019)

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

### **Current:**

- American Educational Research Association (AERA) [Special Interest Group 168: Graduate and Postdoctoral Education across the Disciplines]
- National Association for Research in Science Teaching (NARST)
- Society for the Advancement of Biology Education Research (SABER)

### **Past:**

Association for Science Teacher Education (ASTE); European Science Education Research Association (ESERA); Society of Toxicology (SOT); The Association for the Study of Higher Education (ASHE)