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Current Appointment

2018- present: Assistant Professor (Higher Education), Indian Institute of Management Ahmedabad

2020- present: Associate Editor, *International Journal of Doctoral Studies*

2021- present: Editorial Board, *Studies in Graduate and Postdoctoral Education*

Prior Appointments

2016-2018: Assistant Professor (Science Education), Washington State University, College of Education, Department of Teaching and Learning

2014-2016: Postdoctoral Researcher (Biology Education), IPN - Leibniz-Institute for Science and Mathematics Education, Kiel, Germany

2013-2014: Postdoctoral Researcher (Chemistry Education), University of Nebraska, Lincoln, NE

2008-2009: Toxicologist, Veritox®, Inc. (formerly GlobalTox, Inc.), Redmond, WA

Research Interests

Science Education, Higher Education, STEM/Medical Education, Impostor Phenomenon

Professional Preparation

2013: Ph.D. (Science Education) 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

2008: M.P.H. (Toxicology) 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

2005: M.Sc. (Environmental Sciences) University of Calcutta, India

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

2003: B.Sc. (Zoology Honors) [Chemistry & Botany] University of Calcutta, India

Funded Grants

2019: Northeast Group on Educational Affairs Collaborative Research Grant

Beyond Access - Academic Experiences and Perspectives of Medical School Matriculates: A Mixed-Methods Pilot Study, Co-investigator

2017: WSU New Faculty Seed Grant (\$30,000; Acceptance rate: 18.4%)

Impostor Phenomenon in Medicine and Biomedical Sciences ([Link](#)), Principal investigator

2017: WSU Faculty Research Funding Award (\$6,500)

Title: Impostor Phenomenon in STEM ([Link](#)), Principal investigator

2015: Federal Ministry of Education and Research (BMBF; Germany)

PerLe funding for innovative teaching (€5,000)

Catalyzing Active Learning Strategies in Evolution ([Link](#)), Principal investigator

Peer-reviewed Publications

1. Lee, H.Y., Anderson, C.B., Yates, M.S., Chang, S., & **Chakraverty, D.** (2020). Insights into the complexity of the impostor phenomenon among trainees and professionals in STEM and medicine. *Current Psychology*, 1-12. ([Link](#))
2. **Chakraverty, D.**, Jeffe, D.B., Dabney, K. P., & Tai, R.H. (2020). Exploring reasons that U.S. MD-PhD students enter and leave their dual-degree programs. *International Journal of Doctoral Studies*, 15, 461-483. PMID: PMC8018685 ([Link](#))
3. **Chakraverty, D.** (2020). The impostor phenomenon among Black doctoral and postdoctoral scholars in STEM. *International Journal of Doctoral Studies*, 15, 433-460. ([Link](#))
4. **Chakraverty, D.** (2020). The impostor phenomenon among postdoctoral trainees in STEM: A US-based mixed-methods study. *International Journal of Doctoral Studies*, 15, 329-352. ([Link](#))
5. Dabney, K. P., Good, K. B., Scott, M. R., Johnson, T. N., **Chakraverty, D.**, Milteer, B., & Gray, A. (2020). Preservice elementary teachers and science instruction: Barriers and supports. *Science Educator*, 27(2), 92-101. ([Link](#))
6. **Chakraverty, D.**, Newcomer, S.N., Puzio, K., & Tai, R.H. (2020) It runs in the family: The role of family and extended social networks in developing early science interest. *Bulletin of Science, Technology & Society*, 38(1-2). ([Link](#))
7. **Chakraverty, D.** (2020). PhD student experiences with the impostor phenomenon in STEM. *International Journal of Doctoral Studies*, 15, 159-179. ([Link](#))
8. **Chakraverty, D.** (2019). Impostor phenomenon in STEM: Occurrence, attribution, and identity. *Studies in Graduate and Postdoctoral Education*, 10(1), 2-20. ([Link](#))
9. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (2018). Transition experiences in MD-PhD programs. *CBE- Life Sciences Education*, 17(3), ar41. PMID: 30040532 PMID: PMC6234812 ([Link](#))
10. 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*, 36(4), 203-210. ([Link](#))
11. 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*, 8(1), 3. ([Link](#))
12. 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. ([Link](#))
13. 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 ([Link](#))
14. 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. ([Link](#))

15. 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. ([Link](#))
16. **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. ([Link](#))
17. 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. ([Link](#))

Academic Honors and Awards

- **2021:** National Association for Research in Science Teaching International Committee Scholarship; to present at the 2021 Virtual NARST Conference. (\$100)
- **2019:** Early Career Researcher Travel Scholarship to present at “Revisiting Forces and Forms of Doctoral Education Worldwide,” Hannover, Germany [Awarded by the Bremen International Graduate School of Social Sciences, the Volkswagen Foundation, the Center for Innovation and Research in Graduate Education (USA), and the University of Bremen].
- **2019:** Prof. Indira Parikh 50 Women in Education Leaders Award.
- **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); 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; 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:** Finalist (Top 3): Doctoral Education across the Disciplines American Educational Research Association SIG Outstanding Dissertation Award.

Media Coverage and Outreach Articles

- **Teaching:** “A ‘CV of Failures’ penned by IIMA grads”- The Times of India (November 23, 2020) ([Link](#))
- **Research:** Blog post, “Impostor syndrome: When your accomplishments make you feel like a fraud” in Supervising PhDs (April 7, 2020) ([Link](#))
- **Research:** Podcast (Published by the IIMA): Impostor Syndrome (March 1, 2019) ([Link](#))
- **Teaching:** “Principals from Arunachal Pradesh hone their talents at IIM-A”- The Times of India (February 19, 2019) ([Link](#))
- **Research:** “Researcher explores why some people in STEM and medicine fields feel like impostors”- WSU Health Sciences Spokane Extra (May 30, 2018) ([Link](#))

Peer-reviewed Conference Presentations

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

* *Presentations cancelled or postponed due to COVID-19*

1. ***Chakraverty, D.** (July, 2021). *Gender and STEM: Linkages between workplace harassment and the impostor phenomenon in academia*. 2020 biennial Network Gender & STEM meeting, The University of Sydney, Australia.
2. Sharma, T., **Chakraverty, D.**, Miceli, M., Ruiz, C., Lee, R., Keller, R., Noel, M., Stella, A., & Eggen, B., & Mason, H.R. (April, 2021). *Applying to medical school: The experiences of first generation and continuing generation medical school matriculates*. 2021 AAMC Virtual Group on Educational Affairs Joint Regional Conference.
3. **Chakraverty, D.** (April, 2021). *Dual-degree training and the impostor phenomenon*. Annual AERA Meeting (virtual).
4. **Chakraverty, D.** (April, 2021). *Connections between negative academic experiences and the impostor phenomenon in STEM*. Annual NARST Meeting (virtual).
5. Lee, H.Y., Yates, M., **Chakraverty, D.**, Anderson, C., & Chang, S. (December, 2020). *Research into Action to Diversify the Biomedical and Behavioral Research Workforce: Effects of a summer research program designed to address trainees' IP feelings and improve their growth mindset*. 12th Conference on Understanding Interventions that Broaden Participation in Science Careers (online).
6. Chang, S., **Chakraverty, D.**, Anderson, C., Lee, H.Y., & Yates, M. (December, 2020). *Research into Action to Diversify the Biomedical and Behavioral Research Workforce: Combating Impostor Phenomenon (IP): A Preliminary Qualitative Evaluation of a Workshop for Diverse Summer Research Students*. 12th Conference on Understanding Interventions that Broaden Participation in Science Careers (online).
7. *Dabney, K. P., Good, K. B., Scott, M. R., Johnson, T. N., **Chakraverty, D.**, Milteer, B. & Gray, A. (April, 2020). *Elementary Teacher Preparation and Science Identity Development and Instruction*. 2020 Annual Society for Information Technology and Teacher Education. New Orleans, LA. [Published in *Proceedings of the 2020 Society for Information Technology & Teacher Education International Conference*, pp. 1388-1394. Association for the Advancement of Computing in Education (AACE)]. ([Link](#))
8. ***Chakraverty, D.** (April, 2020). *Mindset and the Impostor Phenomenon: Comparing Trainee and Faculty Experiences in STEM*. Annual AERA Meeting, San Francisco, CA.
9. ***Chakraverty, D.** (April, 2020). *Racial attributes of the impostor phenomenon*. Annual AERA Meeting, San Francisco, CA.
10. *Sharma, T., Mason, H.R., Miceli, M., Ruiz, C., **Chakraverty, D.**, Lee, R., Keller, R., Noel, M., Stella, A., & Eggen, B. (April, 2020). *The path to medical school: Experiences of Asian American medical school matriculates*. 2020 AAMC Northeast Group on Educational Affairs (NEGEA) Regional Meeting, Burlington, VT.
11. *Miceli, M., Sharma, T., **Chakraverty, D.**, Ruiz, C., Lee, R., Keller, R., Noel, M., Stella, A., Eggen, B., & Mason, H.R. (April, 2020). *The path to medical school: Experiences of first generation and continuing generation medical school matriculates*. 2020 AAMC Northeast Group on Educational Affairs (NEGEA) Regional Meeting, Burlington, VT.
12. ***Chakraverty, D.** (March, 2020). *Sexism, hostile work environment, and the impostor phenomenon*. Annual NARST Meeting, Portland, OR.

13. *Mason, H.R., Miceli, M., Sharma, T., **Chakraverty, D.**, Ruiz, C., Lee, R., Keller, R., Antonikowski, A., Stella, A., Eggan, B., & Whippl, K. (March, 2020). *The Pre-Med Experiences of 1st Gen College Grads in Medical School and their Continuing Gen peers*. 2020 AAMC GSA-CiM-OSR Professional Development Conference. Chicago, IL.
14. Levesque, M., **Chakraverty, D.**, Qi, J., & O'Carroll, C. (September, 2019). *Capacity building in the era of globalization*. Forces and Forms of Doctoral Education, Hanover, Germany.
15. **Chakraverty, D.** & Jeffe, D.B. (April, 2019). *How Open-Ended Survey Questions Can Aid in Rigorous Qualitative Research Design*. Annual AERA Meeting, Toronto, Canada.
16. **Chakraverty, D.** (March, 2019). *The Double Penalty: Minority Women's Experiences of the Impostor Phenomenon*. Annual NARST Conference, Baltimore, MD.
17. Lee, H.Y., Anderson, C., Trachtenberg, J., Yates, M., Chang, S., & **Chakraverty, D.** (March, 2019). *Impostor Types, Age, and Other Insights Into the Complexity of Impostor Phenomenon*. 11th Conference on Understanding Interventions that Broaden Participation in Science Careers, Baltimore, MD.
18. 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.
19. **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.
20. **Chakraverty, D.** (March, 2018). *Impostor Phenomenon among graduate students in STEM*. Annual NARST Conference, Atlanta, GA.
21. **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.
22. **Chakraverty, D.** & Jeffe, D.B. (March, 2018). *How graduate school climate perpetuates the impostor phenomenon in STEM*. 10th Conference on Understanding Interventions that Broaden Participation in Science Careers, Baltimore, MD.
23. **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.
24. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (November, 2017). *Switching Phases, Switching Degrees: Examining MD-PhD dropout*. AAMC Annual Meeting, Boston, MA.
25. **Chakraverty, D.**, Jeffe, D.B., & Tai, R.H. (November, 2017). *Phase Transitioning in the MD-PhD Programs*. AAMC Annual Meeting, Boston, MA.
26. **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.
27. **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.
28. 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.
29. **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.

30. **Chakraverty, D.** (February, 2017). *Examining the Impostor Phenomenon among Asian Students in STEM Programs*. 13th Annual International Globalization, Diversity, and Education Conference, Airway Heights, WA.
31. **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.
33. **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.
34. **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.
35. **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.
36. 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.
37. 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.] ([Link](#))
38. **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.
39. 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.
40. **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.
41. 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.
42. 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.
43. **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.

44. **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.
45. **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.
46. **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.
47. 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.
48. 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.
49. 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.
50. 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.
51. 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.
52. **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. ([Link](#))
53. **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. ([Link](#))
54. 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. ([Link](#))
55. **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.
56. 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.

57. **Chakraverty, D.,** & Tai, R. H. (April, 2013). *Parental Interests Inspiring Physical Scientists' Interest in Science: A Qualitative Study*. Annual AERA Meeting, San Francisco, CA. ([Link](#))
58. 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. ([Link](#))
59. **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.
60. **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.
61. 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*. 5th Understanding Interventions Conference, Baltimore, MD.
62. 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. ([Link](#))
63. **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. ([Link](#))
64. **Chakraverty, D.,** & Tai, R. H. (March, 2012). *The Association of Parental Hobbies and Male Physicists' Interest in Science*. Annual NARST Conference, Indianapolis, IN.
65. 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.

Invited Research Presentations (Impostor Phenomenon)

- 2021:** GRANAT- The Graduate School of Natural Sciences, Leibniz University Hannover, Germany
- 2020:** Women in Science Portland, Portland, OR ([Link](#)) || DST – Centre for Policy Research, Indian Institute of Science, Bangalore, India ([Link](#))
- 2019:** Princeton University Graduate Society of Women Engineers, Princeton, NJ || South Texas Medical Scientist Training Program at the University of Texas Health Science Center at San Antonio, TX || University of Rochester Women in Biological Sciences, Rochester, NY (online webinar)
- 2018:** BITS Pilani Dubai Campus, Dubai, UAE || Division of Cancer Epidemiology & Genetics, National Cancer Institute, Rockville, MD (online webinar) || Microsoft Corporation, Redmond, WA || The Scientista Symposium: Innovation in STEM- Scientistas Advancing the Field, New York, NY
- 2017:** Elson S. Floyd College of Medicine Group on Women in Medicine and Science, Washington State University, Spokane, WA

Invited Research Presentations (Others)

2016: STEM Transformation Institute, Florida International University, Miami, FL

2015: Homi Bhabha Centre for Science Education, TIFR, Mumbai, India

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

Teaching Experience

Instructor: Indian Institute of Management Ahmedabad (2019-present)

*Each session is 75 minutes-long

Post-Graduate Programme in Management (MBA)

Designing and Implementing Surveys: 15 sessions* (2020- present)

Managing Self-Limiting Beliefs in Education and Training: 15 sessions (2020- present)

PhD Programme in Management

Mixed-Methods Research in Education: 20 sessions (2019- present)

Education: Theory, Policy, and Practice: 20 sessions (2020)

Survey Development and Implementation: 20 sessions (2020- present)

Research Communication: 20 sessions (2020) [with Dr. Kathan Shukla]

Higher Education in India: 20 sessions (2020- present)

Executive Education Program

Managing self-limiting beliefs (Strategic Leadership for Schools in a Changing Environment; Online) (2021)

Teaching and learning strategies; Principals motivating students (Professional Development Program for Education Staff of Arunachal Pradesh State Government) (2019, 2020)

Impostor syndrome and gender dynamics at workplace (Enhancing Leadership Capacities and Potential Among Professional Women) (2019, 2020)

STEM education and higher order skills (Strategic Leadership for Schools in a Changing Environment) (2019)

Faculty Development Program

Enhancing Academic Visibility for Early Career Researchers: 2 sessions (2019, 2020)

Crafting and Publishing Research: 8 sessions (2020)

Instructor: WSU College of Education (2017-2018)

Survey Development and Implementation Methods (3 credits) (Spring 2017, Spring 2018)

Social Foundations of Education (3 credits) (Fall 2017)

Instructor: Visiting Faculty, Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research, Mumbai (2017)

Academic Writing for PhD Students

Graduate Teaching Assistant: University of Virginia (2010-2011)

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)

Professional Development Workshops Conducted

- **2020:** Three-hour workshop on “Mixed-Methods Research” (Research & Publication Division Research Workshop Series, Indian Institute of Management Ahmedabad) ([Link](#))
- **2017:** One-day workshop on academic writing, Department of Education, University of Mumbai and Western Regional Center- Indian Council of Social Science Research, Mumbai, India
- **2017:** Two-day workshop on academic writing, The Western Regional Center- Indian Council of Social Science Research, Mumbai, India

Advising and Mentoring (Graduate students)

Indian Institute of Management Ahmedabad

PhD Student Thesis Advisory Committee: Ankit Saraf (2019- present); Karan Babbar (2020-present); Atima Singh (2020-present)
Temporary PhD adviser: Furkan Khan (2020- present)
Comprehensive examination committee (2020): Shreya Sharma, Rubaina Srivastava

Washington State University (College of Education)

Temporary PhD adviser: Cory Ray (2017-2018)
Dissertation committee member: Christine A. McManus (2016-2018)
Research mentor: Caroline Oluyomi Ojeme (2016-2017); Teresa Zhang (College of Pharmacy; 2018); Brittany Leaf (College of Pharmacy; 2018)

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

Sebastian Bergmann (2015-2016; Kiel University)

Professional Service

NATIONAL/INTERNATIONAL-LEVEL

Grant Review Panelist: U.S. Department of Agriculture, National Institute of Food and Agriculture (2018)

Ad Hoc Reviewer (2013- present)

Bulletin of Science, Technology & Society || CBE- Life Sciences Education || Current Psychology || IIMB Management Review || International Journal of Doctoral Studies || Journal of Experimental Psychopathology || Journal of Microbiology and Biology Education || Journal of Women and Gender in Higher Education || PLOS ONE || Psychological Studies || Science Education || Studies in Graduate and Postdoctoral Education

Conference Proposal Reviewer

The Association of American Medical Colleges Learn Serve Lead Meeting (2019-2021)
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 Summer School (2016, 2017)
International Conference to Review Research in Science, Technology and Mathematics Education, Mumbai, India [epiSTEME 7 (2018); epiSTEME 8 (2020)]

National Association for Research in Science Teaching. (2014-present)
National Association of Student Personnel Administrators Annual Conference 2020
Network Gender & STEM Conference, Australia (2020)
Quality in Postgraduate Research Conference, Australia (2018, 2020)
Society for the Advancement of Biology Education Research (2016-2020)
Reviewer: NARST Outstanding Doctoral Research Award Committee (2019-2021)
Chair: Special Interest Group 168 Outstanding Publication Award Committee, American Educational Research Association (2017)
Reviewer: SIG 168 Doctoral Education across the Disciplines Outstanding Dissertation Award Committee, American Educational Research Association (2016, 2018)
Invited panelist: Pre-departure orientation for undergraduate and graduate students; United States-India Educational Foundation, Kolkata (India) (2017, 2019)

INSTITUTION-LEVEL

Indian Institute of Management Ahmedabad

Committee member: Centre for Management of Health Services || Faculty Development Program || Gender Centre (2019- present)

Interview panel for admissions: PGP (2019- present); PGP-Food and Agri-Business Management (2019- present), PhD admissions (2020- present)

Interview panel for recruitment: Academic Associates (2019- present)

Reviewer: Industrial Finance Corporation of India (IFCI) Award for Thesis Proposal (2019)

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 (2017-2018)

Grants and Research Advisory Committee, College of Education (2016-2018)

Mathematics and Science Education PhD Committee (2016-2018)

Mental Health Promotion and Suicide Prevention Committee (Spring, 2017)

Elected member of the President's Commission on the Status of Women (CSW) (2017-2019)

Current Membership in Professional Societies

- American Educational Research Association [SIG 168: Graduate and Postdoctoral Education across the Disciplines]
- National Association for Research in Science Teaching