

Mehdi Garemani

ASSISTANT PROFESSOR OF EDUCATIONAL PSYCHOLOGY, MISSISSIPPI STATE UNIVERSITY
Department of Counseling, Higher Education Leadership, Educational Psychology, and Foundations

Ph.D. EDUCATIONAL STUDIES, PURDUE UNIVERSITY

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EDUCATION

	Purdue University	West Lafayette, IN
2020	Ph.D., Educational Psychology; Gifted, Creative, and Talented Studies	
2026	Mississippi State University	Mississippi State, MS
	Master of Applied Data Science (MADS)	
	University of British Columbia	British Columbia, Canada
2013	M.A. in Education (Teaching and Learning)	
	Shahid Beheshti University	Tehran, Iran
2007	M.Sc. in Physics	
2003	B.Sc. in Physics	
	National Organization for Development of Exceptional Talents	Tehran, Iran
1997	Diploma, Mathematics & Physics	

CERTIFICATES

	Purdue University	West Lafayette, IN
2020	Graduate Certificate in Quantitative Research, Assessment and Evaluation	
2020	Graduate Certificate in Qualitative Research	

PROFESSIONAL POSITIONS & ACADEMIC APPOINTMENTS

Mississippi State University

2021-present	Assistant Professor of Educational Psychology Department of Counseling, Higher Education Leadership, Educational Psychology, and Foundations
2024-present	Co-founder & Co-director, Imaginarium: Creativity & STEAM Learning Center Department of Counseling, Higher Education Leadership, Educational Psychology, and Foundations
2020-2021	Lecturer Department of Counseling, Higher Education Leadership, Educational Psychology, and Foundations

Purdue University

2019-2020	Graduate Research Assistant U-STEM Project, Purdue Research Foundation (PRF) Research Grant
2017-2019	Teaching Assistant EDPS 327: Assessment Literacy

2016-2017	Research Assistant Creative Engineering Project, Purdue Research Foundation (PRF) Research Grant
2014-2016	Teaching Assistant EDPS 235: Learning and Motivation
2016-2020	Administrative Assistant of Summer Residential Youth Program Gifted Education Research and Recourse Institute (GER ² I)
2015-2016	Assistant Coordinator of Summer Residential Youth Program Gifted Education Research & Resource Institute (GER ² I)
2015-2016	Coordinator of Teacher Training Program Gifted Education Research & Resource Institute (GER ² I)

PUBLICATIONS

Peer Refereed Journal Publications & Book Chapters (* indicates student)

- Garemani, M., & Kargaripadar, L.*** (2026). Transformational Courage and STEM Wisdom: A Developmental Perspective Through the Ecological Systems Model. *Roeper Review*, 48(1), 11–26. <https://doi.org/10.1080/02783193.2025.2593025>
- Garemani, M., Azhar, M., Florida, N*, Vahedifard, F.** (2026). Transformational wisdom for equitable resilience in a changing climate: Applying the Polyhedron Model of Wisdom. In R. J. Sternberg, A. Soleimani Dashtaki (Ed.). *Handbook of Transformational Wisdom*. Palgrave-Macmillan. https://doi.org/10.1007/978-3-032-16951-8_23
- Sternberg, R. J., **Garemani, M., & Ehsan, H.** (2026). Why a Special Issue of Roeper Review on STEM Wisdom? Wisdom is the Cinderella of Both STEM and Gifted Education. *Roeper Review*, 48(1), 7–10. <https://doi.org/10.1080/02783193.2025.2593017>
- Karami, S., **Garemani, M., Parra-Martinez, A., Alzoubi, D., Tajik, N.** (2026). Imaginarium: Creativity & STEAM Discovery Center fostering transformational wisdom through equitable informal learning in rural Mississippi. In R. J. Sternberg, A. Soleimani Dashtaki (Ed.). *Handbook of Transformational Wisdom*. Palgrave-Macmillan. https://doi.org/10.1007/978-3-032-16951-8_13
- Penchala, S.*, Kontham, S. R., Bhattacharjee, P., Karami, S., **Ghahremani, M., Amiri Golilarz, N., & Rahimi, S.** (2025). Learning in focus: Detecting behavioral and collaborative engagement using vision transformers. *arXiv*. <https://doi.org/10.48550/arXiv.2508.15782>
- Ghahremani, M., Pereira, N., Ozen, Z., & Gentry, M.** (2024). A systematic literature review of novice visual representations of design ideas: A Three-Pronged Design Sketching Framework *Roeper Review*, 46(3), 202-216. <https://doi.org/10.1080/02783193.2024.2357538>
- Karami, S., Parra-Martinez, A., **Ghahremani, M., & Gentry, M.** (2024). Development and Validation of Perception of Wisdom Exploratory Rating Scale: An Instrument to Examine Teachers' Perceptions of Wisdom. *Education Sciences*, 14(5), 542. <https://doi.org/10.3390/educsci14050542>
- Chowkase, A., Parra Martínez, F. A., **Ghahremani, M., Finora, G*, Bernstein, Z.***, & Sternberg, R. J. (2024). Dual-Process model of courage. *Frontiers in Psychology*, 15, <https://doi.org/10.3389/fpsyg.2024.1376195>

- Sternberg, R., **Ghahremani**, M., Ehsan, H. (2023). Combating myside bias in scientific thinking: A special challenge for the gifted. *Roeper Review*, 45(3), 178-187.
<https://doi.org/10.1080/02783193.2023.2212361>
- Plucker, J.A., Meyer, M.S., Karami, S., **Ghahremani**, M. (2023). Room to run: Using technology to move creativity into the classroom. In: Henriksen, D., Mishra, P. (eds.) *Creative provocations: Speculations on the future of creativity, technology & learning* (pp. 65-80). Creativity Theory and Action in Education, vol 7. Springer, Cham. https://doi.org/10.1007/978-3-031-14549-0_5
- Lambert Snodgrass, L., **Ghahremani**, M., & Hass, M. (2023). Live-learn-work: Experiential learning and cultural intelligence in the internship abroad. *Journal of Global Education and Research*, 7(1), 50-63. <https://www.doi.org/10.5038/2577-509X.7.1.1120>
- Sternberg, R. J., Ehsan, H., & **Ghahremani**, M. (2022). Levels of teaching science to gifted students. *Roeper Review*, 44(4), 198-211. <https://doi.org/10.1080/02783193.2022.2115178>
- Karami, S., & **Ghahremani**, M. (2022). Starting over: An Iranian conception of giftedness and how it can transform societies and the world. In Sternberg, R. J., Ambrose, D., & Karami, S. (eds.) *The Palgrave handbook of transformational giftedness for education* (pp. 251-265). Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-030-91618-3_13
- Karami, S., **Ghahremani**, M., Sternberg, R. J. (2021) How parents can foster 'positive creativity' in kids to make the world a better place. <https://theconversation.com/how-parents-can-foster-positive-creativity-in-kids-to-make-the-world-a-better-place-169990>
- Ghahremani**, M., Pereira, N., Desmet, O., & Gentry, M. (2021). Students' experiences in summer enrichment engineering courses: An IPO model of collaborative creativity. *Journal of Advanced Academics*, 33(1), 1-35. <https://doi.org/10.1177/1932202X211040744>
- Lambert Snodgrass, L., Hass, M., & **Ghahremani**, M. (2021). Developing cultural intelligence: Experiential interactions in an international internship program. *Journal of Global Education and Research*, 5(2), 165-174. <https://www.doi.org/10.5038/2577-509X.5.2.1078>
- Karami, S., **Ghahremani**, M., Parra-Martinez F. A., & Gentry, M., (2020) A polyhedron model of wisdom: A systematic review of the wisdom studies in psychology, management and leadership, and education. *Roeper Review*, 42(4), 241-257.
<https://doi.org/10.1080/02783193.2020.1815263>
- Ghahremani**, M., Karami, S., & Balcaen, P. (2017). Pentagon of habits: Considering science teachers' conceptions of "habits of mind" associated with critical thinking in several of Iran's special gifted schools. *Gifted and Talented International*, 32(1), 3-26.
<https://doi.org/10.1080/15332276.2017.1397901>
- Karami, S., & **Ghahremani**, M. (2017). Elaboration on the culturally informed Iranian hierarchical wisdom model: Comparison with Sternberg's ACCEL model. *Roeper Review*, 39(4), 234-238.
<https://doi.org/10.1080/02783193.2017.1362679>
- Karami, S., & **Ghahremani**, M. (2016). Towards an Iranian conception of giftedness. *Gifted and Talented International*, 31(1), 4-18. <https://doi.org/10.1080/15332276.2016.1194674>

Journal Publications (*in prep*) (* indicates student)

- Sternberg, R. J., Chowkase, A., Garemani, M. (2026). A Triplex Integrative Theory of Courage.
- Garemani, M., Pereira, N., Ozen, Z., Chowkase, A., & Gentry, M. (*in prep*). Toward informed design sketching: Developing the idea-Sketching Early Engineering Design (i-SEED) scale.

K-12 Books

Ghahremani, M. (2008). *Physics from the Beginning*. Tehran: SAMPAD Publications. (ISBN: 964-7524-25-9) [In Persian language; Physics textbook for Iran's National Organization for Development of Exceptional Talents' gifted student in first grade of middle school]

Ghahremani, M. (2002). *Nature in Movement*. Tehran: SAMPAD Publications. (ISBN: 964-7524-49-8) [In Persian language; Physics textbook for Iran's National Organization for Development of Exceptional Talents' gifted student in the first grade of middle school]

RESEARCH FUNDING & GRANT PROPOSALS

Gulf Research Program (GRP) Environmental Literacy for Community Resilience. **\$699,079** (2025; **under review**) *Sinking Ground, Rising Minds: Educating Mississippi Youth to Mitigate Evolving Land Subsidence Risks*. Nazanin Tajik (PI), Mehdi Garemani (Co-PI), Sareh Karami (Co-PI).

National Science Foundation. NSF STEM K-12. **\$749,875** (2025; **under review**) *Understanding Learner Engagement in Informal STEM Learning Environments*. Nourbakhsh Amiri Golilarz (PI), Mehdi Garemani (Co-PI), Sareh Karami (Co-PI).

National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA). **\$649,907** (2025; **under review**) *HARVEST: A Community-Driven Framework for Building Resilient, Accessible, and Trust-Based Local Food Systems in the Mississippi Delta*. Nazanin Tajik (PI), Mehdi Garemani (Co-PI), Sareh Karami (Co-PI), Diego Thompson (Co-PI).

Mississippi Public School Consortium for Educational Access, Global Teaching Project. **\$115,996.00** (2026; **awarded**) *2026 Advanced STEM Summer Preparatory Program*. Investigators: Mehdi Ghahremani (PI), Sareh Karami (Co-PI).

National Science Foundation. NSF 25-527 Smart and Connected Communities, **\$1,250,000.00** (2025; **awarded**). *SCC-IRG: Resilient and Affordable Housing for Rural Communities*. Nazanin Tajik (PI), Mehdi Garemani (Co-PI), Farshid Vahedifard (Co-PI). Award Number (FAIN): 2530559

Mississippi Public School Consortium for Educational Access, Global Teaching Project. **\$114,699.00** (2025; **awarded**) *2025 Advanced STEM Summer Preparatory Program*. Investigators: Mehdi Ghahremani (PI), Sareh Karami (Co-PI).

Mississippi Public School Consortium for Educational Access, Global Teaching Project. **\$116,320.00** (2024; **awarded**) *2024 Advanced STEM Summer Preparatory Program*. Investigators: Mehdi Ghahremani (PI), Sareh Karami (Co-PI).

Mississippi Public School Consortium for Educational Access, Global Teaching Project. **\$253,822.00** (2023; **awarded**) *2023 Advanced STEM Summer Preparatory Program*. Investigators: Mehdi Ghahremani (PI), Sareh Karami (Co-PI).

Office of Engagement, Purdue University, Community Service/Service-Learning Projects Grant, \$1500 (2019; **awarded**). *Dinosaur Station at Imagination Station*. Investigators: Mehdi Ghahremani, Sareh Karami, Hoda Ehsan.

Purdue Research Foundation (PRF) Research Grant, \$19,100 (2019; **awarded**) *U-STEM Project*. Investigators: Lisa Snodgrass (PI), Mehdi Ghahremani (RA).

Office of Engagement, Purdue University, Community Service/Service-Learning Projects Grant, \$1500 (2018, **awarded**) *Aerospace Station at Imagination Station*. Investigators: Mehdi Ghahremani, Sareh Karami, Hoda Ehsan.

College of Education, Purdue University, \$3000.00 (2018; **awarded**) *Summer Graduate Student Research Grant*.

Purdue Research Foundation (PRF) Research Grant, \$18,100 (2016; **awarded**) *Creative Engineering and Design in Action*. Investigators: Nielsen Pereira (PI), Mehdi Ghahremani (RA).

University of British Columbia, \$6000 (2012; **awarded**) *University Graduate Fellowship*.

University of British Columbia, \$3000 (2012; **awarded**) *International Partial Tuition Award*.

PRESENTATIONS

International and National Conferences (* indicates student)

Florida, N.*, Kargaripadar, L.*, Abdullah, S.* & **Gharemani, M.** (November 2025). *Evaluating artificial wisdom in supporting human decision-making*. Session presented at the Mid-South Educational Research Association (MSERA) Annual Meeting, New Orleans, LA.

Abdullah, S.*, Florida, N.*, Kargaripadar, L.*, & **Gharemani, M.** (November 2025). *Exploring AI and human creativity through TTCT coding and personality: A mixed-methods comparative study*. Session presented at the Mid-South Educational Research Association (MSERA) annual meeting, New Orleans, LA.

Stewart, S.*, & McGuire, S.*, **Gharemani, M.** (2025, April). *On-the-Go! A Systematic Literature Review of Mobile Makerspaces*. Poster session presented at the "Informal Learning Environments Research Poster Session, SIG-Informal Learning Environment Research, Annual meeting of the American Educational Research Association (AERA), Denver, Colorado.

Gharemani, M., (2024, December). STEAM wall, Session presented at Steunpunt Onderpresteren, Belgium.

Gharemani, M., Stewart, S.*, & McGuire, S.* (2024, April). *Relationship between scientific-reasoning skills and thinking styles in university students*. Roundtable session presented at the Division J - Postsecondary Education/Division J - Section 1: College Student Learning and Development in College and Beyond, Annual meeting of American Educational Research Association (AERA), Philadelphia, Pennsylvania.

Karami, S., Para Martinez, F. A., & **Gharemani, M.** (2023, April). *Development and validation of Perception of Wisdom Exploratory Rating Scale: An instrument to examine teachers' perceptions of wisdom*. Paper session presented at the SIG-Holistic Education, Annual meeting of American Educational Research Association (AERA), Chicago, Illinois.

Stewart, S.*, **Gharemani, M.**, McGuire, S.* (2023, November). *Exploring the relationship between academic performance and thinking styles*. Poster session presented at the Mid-South Educational Research Association (MSERA), Pensacola, Florida.

Gharemani, M., Pereira, N., Ozen, Z., Gentry, M., (2021, April). *A systematic literature review of novice/K–12 visual representations of design ideas*. Session presented at the SIG-Systematic Review and Meta-Analysis, Annual meeting of American Educational Research Association (AERA).

- Ghahremani, M.,** Pereira, N., Ozen, Z., Chowkase, A., Gentry, M., (2021, April). *Developing the idea-Sketching Early Engineering Design (i-SEED) Scale*. Session presented at the SIG-Science Teaching and Learning, Annual meeting of American Educational Research Association (AERA).
- Pereira, N., **Ghahremani, M.,** Desmet, O. (2021, April). *Students' experiences with collaborative creativity in engineering enrichment courses*. Session presented at the SIG-Research on Giftedness, Creativity and Talent, Annual meeting of American Educational Research Association (AERA).
- Tay, J., Lee, H., **Ghahremani, M.,** Yukiko, M., & Gentry, M. (2020, April). *MLM analysis of an intervention on students' NWEA mathematics and reading scores*. Paper session presented at the SIG-Research on Giftedness, Creativity and Talent, Annual meeting of American Educational Research Association (AERA), San Francisco, CA.
- Ghahremani, M. (2019, July). *Applying Sternberg's Theory of Mental Self-Government to explore creative and critical thinking*. Session presented at the 23rd Biennial World Conference on Gifted and Talented Children, Nashville, TN.
- Karami, S., Ghahremani, M., Gentry, M. (2019, July). *Polyhedron Model of Wisdom*. Paper presented at the 23rd Biennial World Conference on Gifted and Talented Children, Nashville, TN.
- Snodgrass, L., Hass, M., & Ghahremani, M., (2019, May). *Developing cultural intelligence: Experiential interactions in an international internship program*. Paper presented at the 3rd Global Conference on Education and Research (GLOCER), University of South Florida, Sarasota/Bradenton, Florida.
- Ghahremani, M., (2018, November). *Exploring relationships among students' group-level collaborative processes, creative behaviors, and design-thinking performances in extracurricular university-based enrichment programs*. Poster presented at the 65th Annual Convention of the National Association for Gifted Children, Graduate Students Research Gala, Research and Evaluation Network, Minneapolis, MN.
- Ghahremani, M., & Karami, S., (2018, November). *Critical/creative thinking: Applying Sternberg's Theory of Mental Self-government*. Paper presented at the Research & Evaluation Network, 65th Annual Convention of the National Association for Gifted Children, Minneapolis, MN.
- Pereira, N., Desmet, O., & Ghahremani, M., (2018, November). *Stimulating creativity in STEM classrooms*. Session presented at the Creativity Network, 65th Annual Convention of the National Association for Gifted Children, Minneapolis, MN.
- Karami, S., & Ghahremani, M., (2018, November). *An octahedron model of wisdom: What is wisdom?*. Poster presented at the 65th Annual Convention of the National Association for Gifted Children, Minneapolis, MN.
- Karami, S., & Ghahremani, M., (2018, November). *Why isn't wisdom more important in educational settings?*. Poster presented at the 65th Annual Convention of the National Association for Gifted Children, Minneapolis, MN.
- Desmet, O., Ghahremani, M., & Pereira, N., (2018, April). *Stimulating creative thinking in a STEM enrichment course*. Poster presented at American Society for Engineering Education (ASEE) Illinois-Indiana Section's Conference, Purdue University, West Lafayette, IN.
- Ghahremani, M., (2018, April). *Building mechanical mechanisms to design semi-2D chain-reaction machines: A proposed extra-curricular program*. Poster presented at American Society for Engineering Education (ASEE) Illinois-Indiana Section's Conference, Purdue University, West Lafayette, IN.

- Ghahremani, M., Pereira, N., & Desmet, O., (2017, November). *Creative engineering and design in action: Designing and evaluating learning activities connecting engineering and creativity*. Session presented at the 64th Annual Convention of the National Association for Gifted Children, Charlotte, NC.
- Ghahremani, M., & Karami, S., (2017, November) *Building mechanical mechanisms to create semi-2D rube Goldberg machines: A proposed curriculum*. Session presented at the 64th Annual Convention of the National Association for Gifted Children, Charlotte, NC.
- Ghahremani, M., (2017, November). *Dimensions of critical and creative thinking through the lens of Sternberg's Theory of Mental Self-government*. Poster presented at the 64th Annual Convention of the National Association for Gifted Children, Graduate Students Research Gala, Research and Evaluation Network, Charlotte, NC.
- Pereira, N., & Ghahremani, M., (2017, July). *Creative engineering and design in action: Designing and evaluating learning activities connecting engineering and creativity*. Session presented at the 22nd World Conference on Gifted and Talented Children, Sydney, Australia.
- Ghahremani, M., & Karami, S., (2016, November). *Experts' attitudes regarding "critical versus creative" thinking tension*. Poster presented at the 63rd Annual Convention of the National Association for Gifted Children, Graduate Students Research Gala, Research and Evaluation Network, Orlando, FL.
- Ghahremani, M., & Karami, S., (2016, November). *Digital storytelling of perpetual motion machines: Potential pedagogical context for embedding creativity in the physics classes*. Poster presented at the 63rd Annual Convention of the National Association for Gifted Children, Orlando, FL.
- Karami, S., & Ghahremani, M., (2016, April) *Towards an Iranian conception of giftedness*. Poster presented at the Annual meeting of American Educational Research Association (AERA), Washington, DC.
- Ghahremani, M. (2015, November). *Considering science teachers' conceptions of habits of mind associated with critical thinking in several of Iran's special gifted school*. Poster presented at the 62nd Annual Convention of the National Association for Gifted Children, Phoenix, AZ.

Local and State Conferences

- Kargaripadar, L.*, Abdullah, S.*, Florida, N.* & **Ghahremani, M.** (2025, April) Exploring AI Problem-Solving Through a Cognitive Lens: A Qualitative Study. Poster presented at the at the Mississippi State University Fall 2025 Graduate Research Symposium, Mississippi State, MS
- Abdullah, S.*, Florida, N.*, Kargaripadar, L.* & **Ghahremani, M.** (2025, April). *Exploring the Interplay of Creativity and AI: A Scenario-Based Study*. Poster presented at the at the Mississippi State University Fall 2025 Graduate Research Symposium, Mississippi State, MS
- Florida, N.*, Kargaripadar, L.*, Abdullah, S.* & **Ghahremani, M.** (2025, April). *Towards Artificial Wisdom: Investigating AI's Responses in Supporting Human Decision-Making*. Poster presented at the at the Mississippi State University Fall 2025 Graduate Research Symposium, Mississippi State, MS
- Stewart, S.*, McGuire, S.*, & **Ghahremani, M.** (2023, October) *Students' Academic Performance and Thinking Styles*. Poster presented at the Mississippi State University Graduate Student Research Symposium. Mississippi State University, MS.

- Ghahremani, M., & Karami, S., (2019, January). *Group-level variables in collaborative design-thinking: Applying an IPO model*. Paper presented at Indiana STEM Conference, Purdue University, West Lafayette, IN.
- Ghahremani, M., (2018, March). *Exploring dimensions of critical and creative thinking through the lens of Sternberg's Theory of Mental Self-government: An explorative eDelphi-based approach to the potential tension*. Poster presented at the 12th Annual Graduate Student Educational Research Symposium (AGSERS), Purdue University, West Lafayette, IN.
- Ghahremani, M., Pereira, N., & Desmet, O., (2018, January). *Designing and evaluating learning activities to stimulate creativity in engineering*. Session presented at Indiana STEM Conference, Purdue University, West Lafayette, IN.
- Ghahremani, M., & Karami, S., (2018, January). *Collaborative mechanisms-building: A project-based extra-curricular unit to support shared design thinking*. Session presented at Indiana STEM Conference, Purdue University, West Lafayette, IN.
- Ghahremani, M. (2017, May). *Creative engineering and design in action: Designing and evaluating learning activities connecting engineering and creativity*. Poster presented at the Office of Interdisciplinary Graduate Programs (OIGP) Spring Reception, Purdue University, West Lafayette, IN.
- Ghahremani, M. (2017, March). *Experts' attitudes regarding "critical versus creative" thinking tension*. Poster presented at the 11th Annual Graduate Student Educational Research Symposium (AGSERS), Purdue University, West Lafayette, IN.
- Ghahremani, M. (2017, February). *Pentagram of Habits*. Poster presented at the Graduate Student and Post-Doctoral Fellow Research Awards Competition (Society of Sigma Xi), Purdue University, West Lafayette, IN.
- Ghahremani, M., & Karami, S., (2017, January). *Digital storytelling of perpetual motion machines: Potential pedagogical context for embedding creativity in the physics classes*. Session presented at Indiana STEM Conference, Purdue University, West Lafayette, IN.
- Pereira, N., & Ghahremani, M., (2017, January). *Creative engineering and design in action: Designing and evaluating learning activities connecting engineering and creativity*. Session presented at Indiana STEM Conference, Purdue University, West Lafayette, IN.

Invited Lectures, Teacher Training, & Professional Development Sessions

- Ghahremani, M. (2021, March). *Team creativity and creativity assessment*. Guest lecture for EPY 4553/6553: Creativity and innovation. Mississippi State University, Mississippi State.
- Creative problem-solving and activities that you can do with your child (2019, February 15th), Parents session, presented at 2019 Gifted Education Research and Resource Institute (GER²I) Super Saturday, Purdue University, West Lafayette, IN
- STEM Integration (MS/HS), Building mechanical mechanisms to design semi-2D chain-reaction machines: A proposed extra-curricular program. (2018, August 3rd), Professional development session, presented at 2018 Back-to-School Summer Academy for teachers, Tipton Community School Corporation, Tipton, IN
- STEM Integration (EL), Design Mode: Developing Curriculum Materials to Support Students' STEM Interests. (2018, August 3rd), Professional development session, presented at 2018 Back-to-School Summer Academy for teachers, Tipton Community School Corporation, Tipton, IN

IPO Framework of Collaboration and Complex Instruction Approach (2018, May), Session presented at Super Summer Teacher Training and Orientation, Gifted Education Research & Resource Institute (GER²I), Purdue University, West Lafayette, IN

Design Mode: Developing Curriculum Materials to Support Students' STEM Interests (2018, February), Session presented at STEM Professional Development for Middle and High School High Ability Teachers, Tippecanoe School Corporation, IN

TEACHING EXPERIENCE

2020-present **Mississippi State University**

Graduate-level Courses:

EPY 8523 Psychology of Gifted and Talented

EPY 8263 Psychological Testing

EPY 6553 Creativity & Motivation

EPY 6214 Educational & Psychological Statistics

EPY 6033 Application Learning Theories

Undergraduate-level Courses:

EPY 4683 Advanced Issues in Educational Psychology

EPY 4553 Creativity & Motivation

EPY 4513 Educational Research

EPY 4313 Measurement & Evaluation

EPY 4073 Personal & Motivation Factors

EPY 4033 Application Learning Theories

EPY 3543 Psychology of Adolescence

EPY 3253 Evaluating Learning

EPY 3143 Human Development and Learning

EPY 3063 Individual Differences and Exceptional Students

2014-2019 **Purdue University**

Teaching Assistant (Undergraduate-level Courses):

EDPS 327 Assessment Literacy

EDPS 235 Learning and Motivation

K-12 EDUCATIONAL APPOINTMENTS

	Purdue University	West Lafayette, IN
2018	Teacher of Residential Summer Camp (Teamwork Skills in Toy Design course) Gifted Education Research and Recourse Institute (GER ² I), Summer Residential Youth Program	
	National Organization for Development of Exceptional Talents	Tehran, Iran
2008-2014	Member of National Exam Board and Test Development Committee	
2004-2011	Head of Physics Department <i>Allameh Helli</i> High School	
1997-2011	Teacher of Physics (Grades 6-11) <i>Allameh Helli</i> and <i>Farzanegan</i> Schools	
2006-2010	Head of Physics Department	
2005-2009	Educational Vice-Principal	

2001(Jun-Jul)	<i>Allameh Helli High School</i> Enrichment Summer Camp Coordinator <i>Allameh Helli school</i>
1998-2001	Head of Physics Department <i>Allameh Helli middle school</i>

SERVICES

Ad Hoc Reviewing Experience (Invited)

2023-present	Ad Hoc Reviewer, <i>Disciplinary and Interdisciplinary Science Education Research</i>
2022-present	Ad Hoc Reviewer, <i>Education Sciences</i>
2022-present	Ad Hoc Reviewer, <i>Journal of Intelligence</i>
2021-present	Ad Hoc Reviewer, <i>Review of Educational Research</i>
2020-present	Ad Hoc Reviewer, <i>Creativity Research Journal</i>
2018-present	Ad Hoc Reviewer, <i>Educational Researcher</i>
2018-present	Ad Hoc Reviewer, <i>Roeper Review</i>
2016-present	Ad Hoc Reviewer, <i>Journal of Advanced Academics</i>
2023	Natural Sciences and Engineering Research Council of Canada • External Reviewer of a Grant Proposal
2018-present	American Educational Research Association (AERA), Reviewer of Conference Proposals for • Measurement & Research Methodologies • Research on Giftedness, Creativity, and Talent Development SIG • Qualitative Research SIG • Learning and Instruction • Science Teaching and Learning SIG
2015-present	Annual Convention of the National Association for Gifted Children (NAGC), Reviewer of Conference Proposals for • Creativity Network • STEM Network • Research & Evaluation Network

Outreach & Community Service

Imaginarium: Creativity & STEAM Discovery Center, Co-founder and Co-director

Mississippi State University, Starkville, MS | 2024–present

Co-founded and co-directs the Imaginarium, a guided informal STEAM learning center serving K–8 students, teachers and STEM educators, families and community groups, and MSU faculty, graduate students, and undergraduate students. Led planning, curriculum development, school outreach, graduate assistant training, and community engagement. Since becoming fully operational in January 2026, the Imaginarium has scheduled more than 25 school field trips and tours and welcomed more than 750 K–8 students from eight schools, three districts, and multiple Mississippi cities during its first three months of operation, including visitors from Vicksburg, MS, approximately 165 miles from MSU.

Imaginarium field trip (June 26, 2026), Center for 4-H Youth Development, STEAM Day, Starkville, MS,

Imaginarium Summer Camp (June 15-19, 2026), grades 3-5, Starkville, MS,

Tour of Imaginarium (November 13, 2025). Two sessions for parents from T.K. Martin Center, Starkville, MS.

School Field Trip at Imaginarium (October 29, 2025). Fifty students from Starkville Academy. Starkville, MS.

Tour of Imaginarium (September 29, 2025). Twenty-five Ambassadors from the College of Education, Starkville, MS.

Tour of Imaginarium (September 5, 2025) Golden Triangle Gifted Teachers, Starkville, MS.

Imaginarium Express, Marble Run at Fun Run (2024, October 5). T.K. Martin Center for Technology and Disability, Starkville, Mississippi.

Imaginarium Express, Camp ACI & MSU High Voltage Lab for Grades 6-8 (2024, March 21). Jacket Thrive Enrichment Camps, Starkville Oktibbeha School District, Starkville, Mississippi.

Imaginarium Express, Marble Run at Fun Run (2023, October 21). T.K. Martin Center for Technology and Disability, Starkville, Mississippi.

Imaginarium Express, STEAM Day at Starkville-Oktibbeha County Public Library (2023, October 6). Starkville, Mississippi.

Imaginarium Express Exhibit at Mississippi Children’s Museum (2023, September 16). Meridian, Mississippi.

GER²I Outreach (2019, April 19th), *Building A Simple Model of Robot Walking Leg*, Session presented for visiting high-ability students from Brownsburg Cardinal Elementary School, Purdue University, West Lafayette, IN

Purdue Annual Spring Fest (2019, April 6th), GER²I Booth Exhibition Coordinator, Purdue University, West Lafayette, IN

Imagination Station, Kids Party (2019, April 5th) Administrative Assistant, Graduate Student Appreciation Week -Kids Night, in Collaboration with Purdue Graduate Student Government (PGSG), Purdue University, West Lafayette, IN

Family Fun Day (2018, March 4th), GER²I Booth Exhibition Coordinator, Purdue University, West Lafayette, IN

Community Service/Service Learning Project (2018) to redesign Imagination Station’s toddler area to be an interactive Aerospace Station, Imagination Station (Science Center for Families), Lafayette, IN

Arranged fundraising at UBC (2012) for earthquake in Tabriz (Iran), University of British Columbia, Canada

Earthquake-relief volunteer (2003). Bam, Iran

Board & Committee Positions

Human Society & the Individual (HSI), General Education Subcommittee, Mississippi State University	2025-present
Undergraduate Research Committee (URCD), Mississippi State University	2025-present
Faculty Search Committees, Department of Counseling, Higher Education Leadership, Educational Psychology, and Foundations, Mississippi State	2023-2025

University.

Member of several faculty search committees for CHEF faculty positions.

Maroon Academy Program Evaluation (MAPE) Team, Mississippi State University	2023-2025
Executive Committee Member, American Educational Research Association (AERA) Research on Giftedness, Creativity, and Talent SIG	2022-2024
Mentoring Program Co-chair and Committee Member, American Educational Research Association (AERA) Research on Giftedness, Creativity, and Talent SIG	2022-2024
Inspire Health Academic Advisory Board Member	2021-2023
Award Committee Members AERA Div. D (Measurement & Research Methodologies) Significant Contributions to Research Methodology	2022
Member of the Selection Committee for the Gifted Education Research & Resource Institute (GER ² I) Sidney Marsh Moon Teacher Award for outstanding teaching in GER ² I's youth programs (July), Summer Residential Youth Program, Purdue University, West Lafayette, IN	2018
A Member of the Education Committee for the Imagination Station (Science Centre for Families), Lafayette, IN (http://www.imagination-station.org/)	2018-2020
A Member of the Education Committee and Coordinator of Scientific Competition, National Organization for Development of Exceptional Talents (NODET), Tehran, Iran	2006-2010
External judge for the Toy Maker Fair Spring (April), ME 444, Computer-aided Design and Prototyping, Mechanical Engineering, Purdue University, West Lafayette, IN	2018
Interviewer of prospective teachers for Gifted Education Research & Resource Institute (GER ² I) Summer Residential Youth Program, Purdue University, West Lafayette, IN	2015-2019
Interviewer of prospective students for Allameh Helli middle and high school, National Organization for Development of Exceptional Talents (NODET), Tehran, Iran	2006-2010
Chief Examiner and Judge for Students' Project in Physics, National Organization for Development of Exceptional Talents (NODET), Tehran, Iran	2006-2010

Professional Memberships

American Educational Research Association (AERA)	2015-present
American Psychological Association (APA)	2022-present
World Council for Gifted and Talented Children (WCGTC)	2018-present
National Association for Gifted Children (NAGC)	2014-2021
The Foundation for Critical Thinking	2012-present

HONORS & AWARDS

- 2018 The Carolyn Callahan NAGC Doctoral Student Award, National Association for Gifted Children (NAGC)
- 2018 The Feldhusen Doctoral Student Fellowship Award in Education for 2018-2019, College of Education (\$2000), Purdue University, IN
- 2017 Certificate of Award, Completed Research at the Doctoral Level, Graduate Students Research Gala, National Association for Gifted Children, Research and Evaluation Network (Second Place).
- 2016 Certificate of Award, In-progress Research at the Doctoral Level, Graduate Students Research Gala, National Association for Gifted Children, Research and Evaluation Network.
- 2015 Certificate of Award, Completed Research at the Non-Doctoral Level, Graduate Students Research Gala, National Association for Gifted Children, Research and Evaluation Network (First Place).