Rohit Mehta

Curriculum & Instruction
Kremen School of Education
Single Subject Credential / MA in Education
mehta@csufresno.edu

Academic Degrees: *(Include teaching credentials, if any)*

Degree	Institution	Area of Emphasis
PhD	Michigan State University	Educational Psychology and Educational Technology
MS	University of Florida	Electrical and Computer Engineering
BE	Rajiv Gandhi Technological University	Electronics and Communication Engineering

Professional Experience:

Dates	Position/Institution
2018-Present	Assistant Professor, CSU Fresno
2017-2018	Postdoc Research Association, Iowa State University
2013-2017	Postdoc Research Association, Iowa State University
2011-2013	Assistant Professor, Malwa Institute of Technology
2011-2013	Higher Education Counselor, The Globalizers

Faculty and Administrative Load: *(Should total 12 units each semester)*

Fall 2018		Spring 2019	
CI 1562	3	CI 152	3
CI 152	3	CI 285	3
CI 152	3	CI 298A	2.5

Community Service

Dates	Organization	Activity/Accomplishments
2018-2019	Ann Foundation, United Nations	Curriculum Design Team Lead, Created Canvas Course Modules for ELA
2018-Present	The Globalizers, India	Higher Education Counseling for Students changing subject areas
2018-Present	Educational Leadership Doctoral Program	Affiliate Faculty, Teaching Doctoral courses

Fall 2018	Fresno Teacher Residential Program	Teacher recruitment and interviews
Fall 2018	Allegan Alternative High School, Kalamazoo, MI	Designing new course to integrate pop culture in social science education for marginalized students

University/School Service

Dates	Committee	Activity/Accomplishments
2018-2021	Scholarship Committee	Selecting candidates for scholarship in Kremen
2019-2022	International Committee	Designed study abroad courses and experiences for students and faculty, elected the new Chair

Professional Association Memberships

Dates	Association/Organization	Role
2018-Present	Literacy Research Association	Member of the Technology Committee
2018-Present	National Association of Media Literacy Education	Member
2019-Present	Humanities, Arts, Sciences, Technology Alliance and Collaboratory (HASTAC)	Member
2019-Present	Critical Educational Technology Scholars Alliance (CETSA)	Founder and Member
2018-2020	AERA	Member

Publications (Selected)

Henriksen, D., Mehta, R. & Rosenberg, J. (2019). Supporting a Creatively Focused Technology Fluent mindset among educators: Survey results from a five-year inquiry into teachersâ€™ confidence in using technology. Journal of Technology and Teacher Education, 27(1), 63-95.

Mehta, R., Henriksen, D. & Rosenberg, J. M. (2019). Itâ€™s not about the tools. Educational Leadership, 76(5), 64-69.

Mehta, R., Henriksen, D., & Deep-Play Research Group. (2019). An Embodied, Dialogic Endeavor: Towards a Posthumanizing Approach to Creativity with Dr. Kerry Chappell. TechTrends, 63(1), 6-12.

Henriksen, D., Mehta, R. & Mehta, S. (2019). Design thinking gives STEAM to teaching: A framework that breaks disciplinary boundaries. In M. Khine & S. Areepattamannil (Eds.). STEAM Education: Theory, Research and Practice. Switzerland: Springer

Mehta, R., Keenan, S., Henriksen, D., & Mishra, P. (2019). Developing a rhetoric of aesthetics: The (often) forgotten link between art and STEM. In M. Khine & S. Areepattamannil (Eds.). STEAM Education: Theory, Research and Practice. Switzerland: Springer.

Craig, J., Mehta, R., & Howard, J.P. (2019). Quantitative literacy to new quantitative literacies. In L. Tunstall, V. Piercey, & G. Karaali. (Eds.), Shifting Contexts, Stable Core: Advancing Quantitative Literacy in Higher Education (pp. 33-46). Washington, D.C.: Mathematical Association of America.

Mehta, R. & Guzman, L. D. (2018). Fake or visual trickery? Quantitative visual rhetoric for social media and media literacy. Journal of Media Literacy Education, 10(2), 104-122.

Henriksen, D., Richardson, C., & Mehta, R. (2017). Design thinking: A creative approach to educational problems of practice. Thinking Skills and Creativity, 26, 140-153. https://doi.org/10.1016/j.tsc.2017.10.001.

Mehta, R., Mishra, P., Henriksen, D. (2017). The courageous rationality of being a neuroskeptic neuroscientist: Dr. Arne Dietrich on creativity and education. Tech Trends, 61(5), 407-411. http://doi.org/10.1007/s11528-017-0217-x

Mehta, R., Mehta, S. & Seals, C. (2017). A holistic approach to science education: disciplinary, affective, and equitable. Journal of Computers in Mathematics and Science Teaching, 36(3), 269-286. Waynesville, NC USA: Association for the Advancement of Computing in Education (AACE). Retrieved from http://www.learntechlib.org/d/180388

Horton, A., Shack, K & Mehta, R. (2017). Curriculum and practice of an innovative teacher professional development program. Journal of Computers in Mathematics and Science Teaching, 36(3), 237-254. Waynesville, NC USA: Association for the Advancement of Computing in Education (AACE). Retrieved from http://www.learntechlib.org/p/180386

Mishra, P. & Mehta, R. (2017). What we educators get wrong about 21st century learning: Results of a survey. Journal of Digital Learning in Teacher Education, 33(1), 6-19. http://dx.doi.org/10.1080/21532974.2016.1242392

Mehta, S., Mehta, R., Berzina-Pitcher, I., Seals, C. & Mishra, P. (2016). 49 stories that make an ultimate STEM lesson plan. Journal of Computers in Mathematics and Science Teaching, 35(4), pp. 343-353. Waynesville, NC USA: Association for the Advancement of Computing in Education (AACE). Retrieved from http://www.learntechlib.org/d/174349

Henriksen, D. & Mehta, R. (2016). A beautiful mindset: Creative teaching practices in mathematics. Journal of Mathematics Education, 9(2), 81-89. Retrieved from http://educationforatoz.com/images/2016_Commentary_2.pdf

Mehta, R., Mishra, P, & the Deep-Play Research Group (2016). Downtime as a key to novelty generation: Understanding the Neuroscience of Creativity with Dr. Rex Jung. Tech Trends, 60(6), 528-531. http://doi.org/10.1007/s11528-016-0119-3

Mehta, R., Mishra, P., Henriksen, D., & the Deep-Play Research Group. (2016). Creativity in mathematics and beyond â€“ learning from Fields Medal winners. Tech Trends, 60(1), 14-18. http://doi.org/10.1007/s11528-015-0011-6

Henriksen, D., Mishra, P., & Mehta, R. (2015). Novel, effective, whole: Toward a NEW framework for evaluations of creative products. Journal of Technology and Teacher Education, 23(3), 455-478. Retrieved from http://www.learntechlib.org/d/151574

Mishra, P., Henriksen, D., & Mehta, R. (2015). Creativity, digitality, and teacher professional development: Unifying theory, research, and practice. In M. Niess, & H. Gillow-Wiles (Eds.) Handbook of Research on Teacher Education in the Digital Age (pp. 691-722). Hershey, PA: Information Science Reference. https://doi.org/10.4018/978-1-4666-8403-4.ch026

Henriksen, D., Mehta, R., Mishra, P. & the Deep-Play Research Group. (2014). Learning to see: Perceiving as a trans-disciplinary habit of mind. Tech Trends, 58(4), 9-12. https://doi.org/10.1007/s11528-014-0762-5

Papers and Presentations (Selected)

Conference Proceedings

Mehta, R. & Henriksen, D. (2018, March). Mobilizing creativity: Democratic and humanizing approaches to creativity in the classroom. In Proceedings of Society for Information Technology & Teacher Education International Conference 2018 (pp. 1159-1167). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Foulger, T. S., Shah, M., Graziano, K., Schmidt-Crawford, D., Slykhuis, D., Mehta, R., Lyublinskaya, I., & Sprague, D. (2018, March). Multiple perspectives on strengthening the ability of teacher education programs to prepare teacher candidates to integrate technology. In Proceedings of Society for Information Technology and Teacher Education International Conference 2018 (pp. 2041-2046). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Mehta, R. & Mishra, P. (2016, March). Switching between reading stances: Intertextuality and comprehension in multimodal texts. In Proceedings of Society for Information Technology & Teacher Education International Conference 2016 (pp. 1469-1475). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Mishra, P. & Mehta, R. (2016, March). What educators get wrong about 21st century learning. In Proceedings of Society for Information Technology & Teacher Education International Conference 2016. Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Mehta, S., Mehta, R., Berzina-Pitcher, I., Seals, C., & Mishra, P. (2016, March). 49 stories that make an ultimate STEM lesson plan. In Proceedings of Society for Information Technology & Teacher Education International Conference 2016 (pp. 2398-2406). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Mishra, P., Graves-Wolf, L., Gunnings-Moton, S., Seals, C., Mehta, R., Berzina-Pitcher, I., â€¦ Pawlicki, D. (2016, March). Reinventing TPACK, STEM teaching and leadership in an urban context. In Proceedings of Society for Information Technology & Teacher Education International Conference 2016 (pp. 2026-2030). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Mishra, P., Graves-Wolf, L., Seals, C., Mehta, R., & Berzina-Pitcher, I. (2015, December). Enhancing urban teachersâ€™ STEM and leadership capacities: A preliminary report on a unique private-public-public partnership. In S. Chandrasekharan, S. Murthy, G. Banjeree, A. Muralidhar (Eds.), Emerging Computational Media and Science Education. Paper presented at Episteme 6 Conference, Mumbai (p. 227-233). Mumbai, India: Homi Bhabha Centre for Science Education, TIFR.

Mishra, P., Keenan, S., Mehta, R., & Henriksen, D. (2015, December). I care about the beauty in science: Aesthetics in scientific practice and pedagogy. In S. Chandrasekharan, S. Murthy, G. Banjeree, A. Muralidhar (Eds.), Emerging Computational Media and Science Education. Paper presented at Episteme 6 Conference, Mumbai (p. 219-226). Mumbai, India: Homi Bhabha Centre for Science Education, TIFR.

Mehta, R., Henriksen, D. & Mishra, P. (2014, March). You are not in Kansas anymore: educational technology in films. In M. Searson & M. Ochoa (Eds), Proceedings of Society for Information Technology & Teacher Education International Conference 2014 (pp. 561â€“567). Chesapeake, VA: AACE.

Rosenberg, J., Terry, C., Bell, J., Hiltz, V., Russo, T. & The EPET Social Media Council (2014, March). What weâ€™ve got here is failure to communicate: Social media best practices for graduate school programs. In M. Searson & M. Ochoa (Eds.), Proceedings of Society for Information Technology & Teacher Education International Conference 2014 (pp. 1210- 1215). Chesapeake, VA: AACE.

Grants and Research

Dates	Activity/Agency	Amounts
2019-Present	National Science Foundation	$1.19 Million
0	USAID / STESSA Subcontract	$24.2 Million

Collaborative Works/Projects (with public schools, community agencies, etc.)

Fresno Teaching Residency Program: I taught with the FTRP program situated in Fresno Unified School District. I visited local schools for regular course instruction 3 hours a week, which included in-service teachers placed in FUSD.

NSF Grant: Robert Noyce grant is a partnership with public schools in Central Valley to prepare computing aware teachers in STEM areas. This is an on-going initiative which would involve mentoring and professional development of Fresno State's Single Subject Credential graduates in-service public school teachers in STEM areas to incorporate computational thinking and algorithmic design across disciplinary areas.

Ann Foundation: I designed ELA curriculum and led a team of international teachers who co-created and taught English to underprivileged girls in public schools India, Pakistan, and Africa.I worked with the teachers to lead online instruction with high school age girls to empower them with language skills needed to secure jobs. These girls were from marginalized communities and low-SES groups.

Collegial Works/Projects (i.e., grants, articles, conference presentations, etc.)

I collaborated with colleagues from the College of Science and Mathematics, Lyles College of Engineering, Department of Counselor Education and Rehabilitation at Kremen, Iowa State University, Arizona State University, and United Nations. I collaborated on writing new journal articles and book chapters, international conference presentations, national grants, designing study abroad programs, and designing international curricula. Also, I co-wrote and am a co-PI on National Science Foundation (NSF) awarded Robert Noyce Scholarship Grant for preparing computing-aware STEM teachers for Central Valley K-12 Schools.

Professional Development

Fall-Spring 2019

12-week Retention and Tenure Process Professional Development â€“ Kremen School of Education

August 24, 2018

CFA Unconscious Bias Workshop, Fresno, CA â€“ a workshop for Fresno State staff and faculty to understand implicit bias in practice and belief, and how it can be improved to be an effective member of the university.

September 25, 2018

National Science Foundationâ€™s RUI (Research at Undergraduate Institutions) workshop, Fresno, CA â€“ a workshop on writing and submitting successful grants to NSF while working at undergraduate institutions such as CSU Fresno.

October 30, 2018

E.D.G.E. Challenge Course â€“ a leadership and personal development exercise to build leadership and collaborative skills in the workplace.

November, 2018

Introduction to Teaching Online Using QLT â€“ required training to teach online.

February 15, 2019

Historical Overview: Power, Privilege and Oppression, Fresno, CA - interactive workshop will increase cultural competency in regard to indigenous people, bring awareness about local Indigenous Tribes, bring awareness about Native students at Fresno State, and awareness about Indigenous programs and resources for Indigenous students.

March 8-9, 2019

STEM Teacher Education Design Studio at Villanova University

March 15-22, 2019

Faculty Orientation Workshop for STEM Teacher Education for Zagazig University, Cairo, Egypt

May 31-Jun 1, 2019

Quality Education for Minority (QEM) Network and National Science Foundation (NSF) workshop, Baltimore, MD â€“ 2-day workshop on writing NSF grants for minority serving institutions.

September 5, 2019

Sexual Misconduct Prevention Training

March 14, 2019

Data Security and FERPA

Honors (Optional)

2020: Outstanding Publication Award, Henry Madden Library at California State University, Fresno.

2019: The Presidentâ€™s Faculty and Staff Service Award for commitment to community service.

2016: Outstanding Paper Award for â€˜Switching Between Reading Stances: Intertextuality and Comprehension in Multimodal Textsâ€™ at Society for Information Technology & Teacher Education International Conference, Savannah, GA.

2015: Michigan State University AT&T Faculty-Staff Instructional Technology Award for Best Blended Course with Dr. Rabindra Ratan for TC 401-731: Science Fiction, Communication & Technology.

2014: Outstanding Paper Award for â€˜What Weâ€™ve Got Here is Failure to Communicate: Social Media Best Practices for Graduate School Programsâ€™ at Society for Information Technology & Teacher Education International Conference, Jacksonville, FL.

Usually, I do not apply for any awards.The ones included here were awarded by external associations, invited, or submitted on my behalf.