Bio

ACADEMIC APPOINTMENTS

- Assistant Professor (Research), Graduate School of Education

Publications

PUBLICATIONS

- Demographic gaps or preparation gaps?: The large impact of incoming preparation on performance of students in introductory physics *Physical Review Physics Education Research*
  Salehi, S., Burkholder, E., Lepage, G., Pollock, S., Wieman, C.
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- Exploring bias in mechanical engineering students' perceptions of classmates. *PloS one*
  Salehi, S., Holmes, N. G., Wieman, C.
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- Tools for Science Inquiry Learning: Tool Affordances, Experimentation Strategies, and Conceptual Understanding *Journal of Science Education and Technology*
  Bumbacher, E., Salehi, S., Wieman, C., Blikstein, P.
  2018; 27 (3): 215–35

- Enhancing Diversity in Undergraduate Science: Self-Efficacy Drives Performance Gains with Active Learning *CBE-Life Sciences Education*
  Ballen, C. J., Wieman, C., Salehi, S., Searle, J. B., Zamudio, K. R.
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- Exams disadvantage women in introductory biology *PLOS ONE*
  Ballen, C. J., Salehi, S., Cotner, S.
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- Enhancing Diversity in Undergraduate Science: Self-Efficacy Drives Performance Gains with Active Learning. *CBE life sciences education*
  Ballen, C. J., Wieman, C., Salehi, S., Searle, J. B., Zamudio, K. R.
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- Using the Bifocal Modeling Framework to Resolve ”Discrepant Events” Between Physical Experiments and Virtual Models in Biology *Journal of Science Education and Technology*
  Blikstein, P., Fuhrmann, T., Salehi, S.
  2016; 25 (4): 513-526

- Bifocal Modeling: Mixing Real and Virtual Labs for Advanced Science Learning *11th International Conference on Interaction Design and Children (IDC)*
  Blikstein, P., Fuhrmann, T., Greene, D., Salehi, S.
  ASSOC COMPUTING MACHINERY.2012: 296–299