

# Journal of STEM Education: Innovations and Research

Volume 19 • Issue 3 • July-August 2018

Editorial Review Board	2
International Editorial Advisory Board	3
Editorial	4
Reviewer Thanks	5
<b>FEATURES</b>	
<b>Implementation of STEM Policy: A Case Study of a STEM-Focused Urban Charter School</b> Mustafa Icel	7
<b>Mentorship, Mindset and Learning Strategies: An Integrative Approach to Increasing Underrepresented Minority Student Retention in a Stem Undergraduate Program</b> Anneke Lisberg and Brett Woods	14
<b>Using Mid-Semester Evaluations for Increasing Success of STEM Students: A Case-Study</b> Stephanie Ivey and Alistair Windsor	21
<b>Utilizing Multivariate Analysis for Assessing Student Learning Through Effective College-Industry Partnerships</b> Caleb Burns, Shweta Chopra, Mack Shelley and Gretchen Mosher	27
<b>STEM Teachers' Preparedness for English Language Learners</b> Keith Besterman, Thomas O. Williams, Jr. and Jeremy V. Ernst	33
<b>STEM Educators, How Diverse Disciplines Teach</b> Anne Lucietto Liza Russell Emily Schott	40
<b>Increasing Teacher Awareness of STEM Careers</b> J. Geoff Knowles, Todd R. Kelley and Jeffery D. Holland	47
Instructions for Authors	56
Contribution Form	57



@JournalofSTEMEd



Journal of STEM Education

The Journal of STEM Education: Innovations and Research (ISSN 1557-5284) is published by The Institute for STEM Education and Research, P.O. Box 4001, Auburn, AL 36831. www.jstem.org The Institute for STEM Education and Research is a non-profit entity. Periodicals postage rate paid at Auburn, AL and additional mailing offices.

CONTRIBUTIONS are greatly appreciated and are tax-exempt.

PERMISSION FOR USE: The copyright owner's consent does not extend to copying for general distribution, for promotion, for creating new works or for resale. Specific written permission must be obtained from the publisher for such copying.

Copyright © 2012 by The Institute for STEM Education and Research. It is a condition of publication that manuscripts submitted to this journal have not been published and will not be simultaneously submitted or published elsewhere. By submitting a manuscript, the authors agree that the copyright for their article is transferred to the publisher if and when the article is accepted for publication. The copyright covers the exclusive rights to reproduce and distribute the article, including reports, photographic reproductions, microfilm or any other reproduction of similar nature and translations. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, electrostatic, magnetic tape, photocopying, recording or otherwise, without permission in writing from the copyright holder.