Journal of STEM Education: Innovations and Research

Volume 18 • Issue 5 • January 2018

	Editorial Review Board	2
	International Editorial Advisory Board	3
	Editorial	4
	FEATURES	
	K-12 STEM Educator Autonomy: An Investigation of School Influence and Classroom Control Jeremy V. Ernst, Thomas O. Williams, Aaron C. Clark, Daniel P. Kelly and Kevin Sutton	5
	Engagement in Science and Engineering through Animal-Based Curricula Megan Kiely Mueller, Elizabeth M. Byrnes, Danielle Buczek, Deborah E. Linder, Lisa M. Freeman and Cynthia RL Webster	10
	Engaging High School Girls in Native American Culturally Responsive STEAM Enrichment Activities Joanita M. Kant, Suzette R. Burckhard and Richard T. Meyers	15
44	The Study of the Effectiveness of Scholarship Grant Program on Low-Income Engineering Technology Students Lawretta C. Ononye and Sabel Bong	26
	Electronic Engineering Technology Program Exit Examination as an ABET and Self-Assessment Tool Graham Thomas and Shahryar Daraya	32
	Instructions for Authors	36
	Contribution Form	37
- +		



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.



Journal of STEM Education

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.