

# Four Strategies for Implementing the Genomics Education Partnership Resources

**Don Paetkau**

Saint Mary's College, Department of Biological Sciences, US 933, Notre Dame IN 46556 USA  
([dpaetkau@saintmarys.edu](mailto:dpaetkau@saintmarys.edu))

The Genomics Education Partnership (GEP) is a consortium of colleges and universities (mostly primarily undergraduate institutions), led by Sarah Elgin at Washington University at St. Louis, working with the Wash. U. Genomics Center, and dedicated to bringing genomics research into the undergraduate biology lab setting. The GEP supports a wide range of implementation strategies from a single laboratory activity to a dedicated lecture/lab course. Four implementation strategies have been used at Saint Mary's College: 1) a single molecular cell biology lab activity; 2) an eight week section of a Biotechnology course; 3) an entire lecture/lab course and 4) a group independent research project. Advantages and disadvantages of these implementation strategies will be presented.

---

## Mission, Review Process & Disclaimer

The Association for Biology Laboratory Education (ABLE) was founded in 1979 to promote information exchange among university and college educators actively concerned with teaching biology in a laboratory setting. The focus of ABLE is to improve the undergraduate biology laboratory experience by promoting the development and dissemination of interesting, innovative, and reliable laboratory exercises. For more information about ABLE, please visit <http://www.ableweb.org/>.

Papers published in *Tested Studies for Laboratory Teaching: Peer-Reviewed Proceedings of the Conference of the Association for Biology Laboratory Education* are evaluated and selected by a committee prior to presentation at the conference, peer-reviewed by participants at the conference, and edited by members of the ABLE Editorial Board.

## Citing This Article

Paetkau, D. 2014. Four Strategies for Implementing the Genomics Education Partnership Resources. Page 472. in *Tested Studies for Laboratory Teaching*, Volume 35 (K. McMahon, Editor). Proceedings of the 35th Conference of the Association for Biology Laboratory Education (ABLE), 477 pages. <http://www.ableweb.org/volumes/vol-35/?art=62>

Compilation © 2014 by the Association for Biology Laboratory Education, ISBN 1-890444-17-0. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the copyright owner.

ABLE strongly encourages individuals to use the exercises in this proceedings volume in their teaching program. If this exercise is used solely at one's own institution with no intent for profit, it is excluded from the preceding copyright restriction, unless otherwise noted on the copyright notice of the individual chapter in this volume. Proper credit to this publication must be included in your laboratory outline for each use; a sample citation is given above.