

# MICHAEL J. REESE, JR.

+ Address: 109 Park Dr. Catonsville, MD 21228

+ Email: mreese@jhu.edu

+ Phone: 410.788.3972

## EMPLOYMENT

2016 - present	Johns Hopkins University	Baltimore, MD
Associate Dean & Director, Center for Educational Resources		
2002 – 2016	Johns Hopkins University	Baltimore, MD
Associate Director, Center for Educational Resources		
2001 – 2002	Johns Hopkins University	Baltimore, MD
Senior Information Technology Specialist, Center for Educational Resources		
2000 – 2001	Caliber Learning	Baltimore, MD
Program Designer		
2000 – 2001	University of Maryland	Baltimore, MD
Independent Consultant		
1998 – 2000	Booz-Allen, & Hamilton	Mclean, VA
Senior Consultant		
1993 – 1995	Baltimore Gas & Electric	Baltimore, MD
Co-op Student		

## EDUCATION

2010 - 2014	Johns Hopkins University	Baltimore, MD
Ph.D., Sociology		
Dissertation - <i>Changing Course: The Influence of Social Position and Social Networks on College Faculty's Adoption of Educational Innovations</i>		
1996-1998	University of Virginia	Charlottesville, VA
M.Ed., Instructional Technology		
1990 – 1995	Virginia Tech	Blacksburg, VA
B.S., Electrical Engineering; Minors in Mathematics & Sociology		

## TEACHING EXPERIENCE

- *Introduction to Urban Studies* (Fall 2015, 2016, 2017)  
Designed course and lead Instructor

Through an exploration of urban topics, this course will introduce students to data collection and analysis methods used in the social sciences. Students will discuss relevant research published by Johns Hopkins faculty in urban studies. Students will also gain an introduction to their adopted home, Baltimore, by collecting data and conducting field observations in different neighborhoods.

- *B'more Innovative: Studying Change in Charm City* (Intersession 2010, 2011, 2012, 2013, 2014)  
Designed course and lead instructor

Ideas that changed the world originated from Baltimore. In this course, we will discuss how ideas and innovations are born, spread, succeed and fail by examining case studies connected to Baltimore. In-class activities will provide insight into how entrepreneurs and activists promote change. Field trips will inform class conversations about technological and cultural innovations along with the societal and economic consequences of those changes.

- *Introduction to Sociology* (Fall 2009) – Teaching Assistant.  
Finalist for Krieger School of Arts and Sciences Teaching Excellence Award, Graduate Student Division

## PEER-REVIEWED PUBLICATIONS

1. Magana, Alejandra, Michael Falk, Camilo Vieira, and Michael Reese, Jr., Oluwatsin Alabi, and Sylvain Patient (2017). "Affordances and Challenges of Computational Tools for Supporting Modeling and Simulation Practices." *Computers Applications in Engineering Education*, 61 (): 427-442.  
URL: <http://wileyonlinelibrary.com/journal/cae>; DOI 10.1002/cae.21804
2. Magana, Alejandra, Michael Falk, Camilo Vieira, and Michael Reese, Jr. (2013). "A Case Study of Undergraduate Engineering Students' Computational Literacy and Self-beliefs About Computing in the Context of Authentic Practices." *Computers in Human Behavior*, 61 (): 427-442.  
URL: <http://www.sciencedirect.com/science/article/pii/S0747563216301868>
3. Magana, Alejandra, Michael Falk, and Michael Reese, Jr. (2013). "Introducing Discipline-Based Computing in Undergraduate Engineering Education." *ACM Transaction on Computing Education*, 13 (4): Article 16.  
<http://dl.acm.org/citation.cfm?id=2534971>

4. Hufnagel, Todd and Michael Reese. (2013). "Deepening Conceptual Understanding in an Introductory Material Science Course Through Active learning Strategies." *In Proceedings of the 120th ASEE Annual Conference & Exposition*. Atlanta, GA. June 23-26, 2013.  
<http://www.asee.org/public/conferences/20/papers/5999/download>
5. Magana, Alejandra, Michael Falk, Michael Reese, Jr., and Camilo Vieira. (2013). "Materials Science Students Perceptions and Usage Intentions of Computation." *In Proceedings of the 120th ASEE Annual Conference & Exposition*. Atlanta, GA. June 23-26, 2013.  
<http://www.asee.org/public/conferences/20/papers/7450/view>
6. Jia Sun, Orla Wilson, Michael Reese, Byung J. Jung, Thomas Dawidcyk, Mingling Yeh, Bal M. Dhar, Bhola N. Pal, Phylcia Trottman, Ian McCue, Lily Berger, G. Ross Blum, Erik Heinemann, David McGee, Jonah D. Erlebacher, and Howard E. Katz. (2009). "Hands-on Preparation and Testing of Solution-Processed Semiconductor Devices in the Undergraduate Classroom." *Journal of Materials Education*, 31(5-6): 271-284.
7. Reese, Michael, Joan Freedman, and Peter Fröhlich. (2009). "Playing Together: Establishing an Interdisciplinary, Interinstitutional Gaming Initiative." *In Proceedings of New Media Consortium Annual Conference Proceedings*. Monterey, June 2009. <http://wp.nmc.org/proceedings2009/papers/gaming-initiative/>
8. Reese, Michael and Ron Levy. "Assessing the Future: E-Portfolio Trends, Uses, and Options in Higher Education." (Research Bulletin, Issue 4). Boulder, CO: EDUCAUSE Center for Applied Research, 2009.  
<http://net.educause.edu/ir/library/pdf/ERB0904.pdf>
9. Pearlman, Rebecca and Michael Reese. "Using Digital Field Assignments to Assess Learning in the Sciences." *In Proceedings of Education, Innovation, and Discovery: The Distinctive Promise of the American Research University*, pp 87-90. Washington, DC. November 2008
10. Hall, V. Macie, Don Juedes, Michael Reese, and Ann Woodward. (2006). "Visual Resources, Educational Technologies, & Teaching: A Collaborative Faculty Support Model." *Visual Resources Association Bulletin* 33 (2): 37-55.  
<http://jhir.library.jhu.edu/handle/1774.2/33426>

## OTHER PUBLICATIONS

Reese, Michael. (2016). "Exploring Baltimore: An Introduction to Urban Studies." *Teaching and Learning Matters*, Vol. 45 Number 1, pp: 4-7.

<https://teachingandlearningsociology.files.wordpress.com/2014/07/v45n1.pdf>

## INVITED CONFERENCE PRESENTATIONS - Sociology

1. Reese, Michael. (2014). *Changing Course: Change Agency and Faculty's Social Position in the Diffusion of Educational Innovations*. American Sociological Association National Conference. San Francisco, CA.
2. Plank, Stephen, Michael Reese, and Christian Villenas. (2008). *How do we study diffusion of innovation in education? A Review of 20 Years of Research*. American Educational Research Association National Conference. New York, NY.

## INVITED CONFERENCE PRESENTATIONS - Education

1. Michael Reese. (2017). *Active-Learning: How Do We Know It Works?* 2017 International Forum on Active-Learning Classrooms. Minneapolis, MN.
2. Clark, Kelly and Michael Reese. (2017). *The Teaching Academy: A Model for Leading Academic Transformation*. 2017 Educause Learning Initiative Annual Conference. Houston, TX.
3. Reese, Michael and Todd C. Hufnagel. (2015). *Comparing the Impact of Peer Instruction and Lecture-based Teaching Strategies on Student Learning*. CIRTL Forum. College Station, TX.  
[http://www.cirtl.net/files/Reese\\_JohnsHopkins\\_Poster.pdf](http://www.cirtl.net/files/Reese_JohnsHopkins_Poster.pdf)
4. Reese, Michael and Jane Greco. (2014). *Promoting Chemical Education Research on Campus Through Effective Partnerships*. International Conference on Chemistry Education. Toronto, ON.
5. Greco, Jane and Michael Reese. (2014). *A New Curricular Pathway to Prepare Students with Advanced Placement Credit for Organic Chemistry*. International Conference on Chemistry Education. Toronto, ON.
6. Tifft, Kathryn E., Michael Reese, and Emily J. Fisher. (2014). *Effects of In-Class Group Problem Sessions on Group Studying*. ASM Conference for Undergraduate Educators. Boston, MA.
7. Magana, Alejandra, Michael Falk, and Michael Reese. (2013). *Materials Science Students' Perceptions and Usage Intentions of Computation*. American Society of Engineering Education Annual Conference. Atlanta, GA.
8. Hufnagel, Todd and Michael Reese. (2013). *Deepening Conceptual Understanding in an Introductory Material Science Course Through Active*

*learning Strategies*. American Society of Engineering Education Annual Conference. Atlanta, GA

9. Reese, Michael and Meiyun Chang-Smith. (2013). *Teaching an Online, Synchronous Class Across Multiple Institutions*. American Association of Physics Teachers. Portland, OR.
10. Jones, Jasmine, Alejandra J. Magana, Michael Falk, Michael J. Reese, and Camilo Vieira. (2013) *Students' Perceptions of Discipline-Based Computational Learning Experiences*. Poster session presented at the Summer Undergraduate Research Fellowship (SURF) Symposium, Purdue University, West Lafayette, IN.
11. Reese, Michael J. (2012). *Academic Integrity Mashed Up*. New Media Consortium Annual Conference. Boston, MA.  
[https://www.youtube.com/watch?v=3VRi2\\_TU3eo&list=PL2017353A95DC7ADA](https://www.youtube.com/watch?v=3VRi2_TU3eo&list=PL2017353A95DC7ADA)
12. Reese, Michael J. (2012). "Designing to Learn, Designed for Fun: An Undergraduate Video Game Development Course." American Society of Engineering Education Annual Conference. San Antonio, TX.
13. Reese, Michael J. & Reid Sczerba. (2011). *Classroom Collaboration: Putting Design into Action*. New Media Consortium Annual Conference. Madison, WI.
14. Reese, Michael J. (2011). *Bridging the Macro and Micro World... with Blender and Some Legos!* New Media Consortium Annual Conference. Madison, WI.  
<http://www.youtube.com/watch?v=IsaJx7dBpUs&t=9m23s>
15. Reese, Michael J. (2009). *Learning and Playing Together: An Interinstitutional, Interdisciplinary Gaming Course*. Flattening the Classroom: Building Collaborative Learning Environments Conference. EDUCAUSE Learning Initiative Online Conference.
16. Freedman, Joan and Michael J. Reese. (2009). *Playing Together: Establishing an Interdisciplinary, Interinstitutional Gaming Initiative*. New Media Consortium Annual Conference. Monterey Bay, CA.
17. Reese, Michael J. and Glenn Johnson. (2009). *Assessing Impact: e-Portfolios in Higher Education*. Mid-Atlantic Regional Educause Conference. Philadelphia, PA.
18. Reese, Michael J. and Rebecca Pearlman. (2008). *Using Digital Field Assignments to Assess Learning in the Sciences*. Reinvention Center Fourth National Conference. Washington, DC.
19. Juedes, Donald, Michael J. Reese, Ann Woodward, and Virginia M. Hall. (2008). *Sparkling Innovative Teaching: A Collaboration to Promote Visual Resources*. Catalyst for Creativity Conference. New York, NY.

20. Freedman, Joan and Michael J. Reese. (2008). *Vietnam Remembered: A Lecture/Lab Course*. New Media Consortium Annual Conference. Princeton, NJ.
21. Reese, Michael J., Regina Galasso, and Ann Deleon. (2008). *The City as Laboratory*. Building Bridges in the City and Beyond: Languages, Communities, and Cultures Conference. Baltimore, MD.
22. Reese, Michael J. and Richard Shingles. (2007). *Digital Field Assignments: Course Projects for the Net Generation*. Educause National Conference. Seattle, WA.
23. Reese, Michael J. (2007). *The Potential for Digital Field Assignments in Second Life*. Communication and Information Technology Section of the American Sociological Association Mini-conference. Presented in Second Life.
24. Juedes, Donald, Michael J. Reese, Ann Woodward, and Virginia M. Hall. (2006). *Visual Resources, Educational Technologies, & Teaching: A Collaborative Faculty Support Model*. Art Libraries Society of North America 34<sup>th</sup> Annual Conference. Banff, AL.
25. Reese, Michael J. and Richard Shingles. (2006). *Digital Field Assignments*. New Media Consortium Annual Conference. Cleveland, OH.
26. Shingles, Richard and Michael J. Reese. (2006). *The Interactive Map Tool*. New Media Consortium Annual Conference. Cleveland, OH.
27. Reese, Michael J. and Theron Feist. (2005). *Ensuring Success: A Process for Transforming Teaching with Technology*. Academic Technology Conference. Goucher University. Baltimore, MD.
28. Reese, Michael J., Donald Juedes, and J. Rae Brosnan. (2005). *Shared Mission, Sharing Resources: Librarians and Instructional Technologists Supporting Faculty Together*. Mid-Atlantic Regional Educause Conference. Baltimore, MD.
29. Feist, Theron, Michael J. Reese, and J. Rae Brosnan. (2004). *Digitizing the Humanities*. Mid-Atlantic Regional Educause Conference. Baltimore, MD.
30. Schulman, James and Michael J. Reese. (2004). *ARTstor: Building a Community Digital Library*. Educause National Conference. Denver, CO.
31. Reese, Michael J. (2004). *The Timeline Creator*. New Media Consortium Annual Conference. Vancouver, BC.

32. Dalrymple., Melissa and Michael J. Reese. (2004). *ARTstor: Building a Community Resource*. New Media Consortium Annual Conference. Vancouver, BC.
33. Reese, Michael J. (2003). *Enhancing Critical Thinking Skills for Humanities Students: An Art History Model*. Mid-Atlantic Regional Educause Conference. Baltimore, MD.

## INVITED WORKSHOPS & LECTURES

*American Association for the Advancement of Science Workshop on Measurement of Teaching Practices in Undergraduate STEM*: Washington, DC. (Dec 17-19, 2012)

*Forum on Characterizing the Impact and Diffusion of Transformative Engineering Education Innovations*. Hosted by the Center for the Advancement of Scholarship on Engineering Education of the National Academy of Engineering. New Orleans, LA. (Feb 7-8, 2011)

*Visual Resources, Educational Technologies, & Teaching: A Collaborative Faculty Support Model*. Wesleyan University Academic Technology Roundtable. Middletown, CT. (Nov 20, 2006)

## INTERVIEWS

Marrazzo, Lauren. 7 Feb 2013. "Intersession Course Tackles Local Issues." *Johns Hopkins Newsletter*.  
<http://www.jhunewsletter.com/2013/02/07/intersession-course-tackles-local-issues-68603/>

Zaleski, Andrew. Apr 2012. "The Wired Campus." *Urbanite Magazine*.

Heid, Susan D. 9 Jan 2007. "Course Management Systems: A Tipping Point." *Campus Technology*.  
<http://campustechnology.com/articles/2006/12/course-management-systems-a-tipping-point.aspx>

Schuman, Elizabeth. "Breaking Down High-Tech Barriers to Communication." *The Baltimore Sun*. 8 July 2007, Education Section p 3.

## HONORS

- + 2014 SAGE Teaching Innovations and Professional Development Award
- + 2014 J. Brien Key Award  
*Dissertation research support*
- + 2011-12 George Peabody Scholar in Sociology of Education (Johns Hopkins)  
*Awarded to graduate student demonstrating outstanding scholarship in the field.*

- + 2010 Finalist for Krieger School of Arts and Sciences Teaching Excellence Award, Graduate Student Division
- + 2007 Nominated, accepted, and attended the Johns Hopkins Leadership Development Program
- + 2003 3<sup>rd</sup> place Johns Hopkins Homewood Student Employer Award  
*Nominated by student worker*
- + 2003 1<sup>st</sup> place Innovation Award for Higher Education (Macromedia Corporation)  
*For Timeline Creator Software (over 30,000 downloads to date)*
- + 1999 Booz-Allen & Hamilton Award for Excellence
- + 1998 Vice President Al Gore's Hammer Award for Reinvention of the Government
- + 1995 Best Magazine All Issues: Engineering Collegiate Magazine Association
- + 1995 Best Editorials All Issues: Engineering Collegiate Magazine Association  
*As Editor-in-Chief of Virginia Tech's Engineers' Forum*
- + 1994 Paul E. Torgerson Leadership Scholarship (Virginia Tech)  
*Named outstanding leader of engineering school by peers*
- + 1993 Eta Kappa Nu: electrical engineering national honor society
- + 1993 Alpha Kappa Delta: sociology national honor society

## COMMITTEE SERVICE

- + New Media Center Horizon Report Expert Panel (2016-18)
- + Advisory Board Member of The SALG Foundation (2016-present)
- + Co-chair of Teaching Subcommittee of MSE Library Renovation Project (2014-present)
- + Member of MSEL Usability Director Job Search (2011)
- + Sociology Department Computing Committee (2009-14)
- + Member of Head of Research Services and Collection Department Job Search (2007-8)
- + Co-chair of University ePortfolio Committee (2003-present)
- + Member of University Diversity Training Committee (2007-08)
- + Chair of Sheridan Libraries Web Steering Committee (2002-3)