MICHAEL J. REESE, JR.

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EMPLOYMENT

2016 - present Johns Hopkins University Baltimore, MD
Associate Dean & Director, Center for Educational Resources
Associate Teaching Professor (2021-present); Sr. Lecturer (2016-2021), Sociology

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 (developed first online B.S.N. program in the country)

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 - *Changing Course: The Influence of Social Position and Social Networks on College Faculty's Adoption of Educational Innovations*

2000 - 2001 University of Maryland University College, MD
Graduate Certificate, Foundations of Distance Education

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

PEER-REVIEWED PUBLICATIONS

1. Ibrahim, A., Clark, K., Reese, M. J., & Shingles, R. (2020). The effects of a teaching development institute for early career researchers on their intended teaching strategies, course design, beliefs about instructors' and students' knowledge, and instructional self-efficacy: The case of the Teaching Institute at Johns Hopkins University. *Studies in Educational Evaluation*, 64, 100836. https://doi.org/10.1016/j.stueduc.2020.100836

2. 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,* 25 (3): 352-375. URL: http://wileyonlinelibrary.com/journal/cae; DOI 10.1002/cae.21804

3. 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

4. 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

5. 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

6. 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

7. Jia Sun, Orla Wilson, Michael Reese, Byung J. Jung, Thomas Dawidcyk, Mingling Yeh, Bal M. Dhar, Bhola N. Pal, Phylicia 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.

8. 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/

9. 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

10. 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

11. 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

INIVTED 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.

INIVTED CONFERENCE PRESENTATIONS - Education

1. Reese, Michael J., & Reid Sczerba. (June, 2023). Teaching Inclusive Teaching Strategies: A Game-Based Approach. *Supporting Active Learning & Technological Innovation in Studies of Education (SALTISE).* Montreal, Quebec.
2. Reese, Michael J. & Alfred Guy. (May, 2023). Case Discussions: Suddenly ChatGPT. *Ivy+ Centers for Teaching & Learning Annual Meeting.* Palo Alto, CA
3. Magruder, Olysha, Michael J. Reese, & Paul Huckett. (May, 2023). Online Excellence Initiative: Preparing Faculty For The Future Of Teaching Online. *Online Learning Consortium Conference.* Nashville, TN.
4. Reese, Michael J. & Jamie Garganus. (April, 2023). Leveraging New Spaces - Exploring New Populations to Serve with our CIRTL Programs. *CIRTL Annual Meeting.* Boulder, CO.
5. Reese, Michael J., & Reid Sczerba. (February, 2023). Teaching Inclusive Teaching Strategies: A Game-Based Approach. *AACU Conference on Diversity, Equity, and Student Success.* Henderson, NV.
6. Reese, Michael J., & Reid Sczerba. (2022). Teaching Inclusive Teaching Strategies: A Game-Based Approach. *Society for Information Technology and Teacher Education Conference.* San Diego, CA.
7. Reese, Michael J. (2021). Facilitating an Inclusive Classroom. *American Society of Engineering Education Annual Conference.* Online.
8. Reese, Michael J., Kelly Clark, & Richard Shingles. (2019). Teaching Inclusive Pedagogy with Video Case Studies. *44th Annual P.O.D. Conference*, Pittsburgh, PA.
9. Reese, Michael J., Michael Finetti, & Jay Garrell. (2019). Encouraging Teachers to Adopt Inclusive Instructional Strategies. *2020 Faculty Resource Network Conference*, Miami, FL.
10. Reese, Michael J. (2019). Adopting Inclusive Teaching Strategies Through Video-Based Case Studies. *2019 National Educause Conference*, Chicago, IL.

11. Reese, Michael J., Michael Falk, Joanne Selinski, Sara M. More, Ali Darvish, Ivan Sekyonda, Amy Brusini, Alejandra M. Magana, Ahmed Ibrahim, Nathan Graham, & Paul Huckett. (2019). *Rethinking the gateway computing curriculum across engineering disciplines*. American Society for Engineering Education Annual Conference. Tampa, FL.

12. Reese, Michael J. (2018). *The Center for Teaching and Learning: Improving Active Learning Through Enhanced Faculty Development*. Faculty Resource Network Annual Conference. Orlando, FL

13. Falk, Michael, Alejandra Magana, and Reese, Michael J. (2018). *Navigating Strategies in Enacting Evidence-Based Teaching of Introductory Computing for Engineers.* Reinvention Collaborative Biennial National Conference. Washington, DC.

14. Reese, Michael J., Eileen Haase, Jane Greco, Ahmed Ibrahim, and Kelly Clark. (2018). *A Framework for Disciplinary Learning Communities: Professional Development in Action*. American Society of Engineering Education Annual Conference. Salt Lake City, UT.

15. Michael J. Reese. (2017). *Active-Learning: How Do We Know It Works?* 2017 International Forum on Active-Learning Classrooms. Minneapolis, MN.

16. Clark, Kelly and Michael J. Reese. (2017). *The Teaching Academy: A Model for Leading Academic Transformation*. 2017 Educause Learning Initiative Annual Conference. Houston, TX.

17. Reese, Michael J. 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

18. Reese, Michael J. and Jane Greco. (2014). *Promoting Chemical Education Research on Campus Through Effective Partnerships*. International Conference on Chemistry Education. Toronto, ON.

19. Greco, Jane and Michael J. Reese. (2014). *A New Curricular Pathway to Prepare Students with Advanced Placement Credit for Organic Chemistry*. International Conference on Chemistry Education. Toronto, ON.

20. Tifft, Kathyrn E., Michael J. Reese, and Emily J. Fisher. (2014). E*ffects of In-Class Group Problem Sessions on Group Studying.* ASM Conference for Undergraduate Educators. Boston, MA.

21. 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.

22. Hufnagel, Todd and Michael J. Reese. (2013). *Deepening Conceptual Understanding in an Introductory Material Science Course Through Active learning Strategies*. American Society of Engineering Education Annual Conference. Atlanta, GA

23. Reese, Michael J. and Meiyun Chang-Smith. (2013). *Teaching an Online, Synchronous Class Across Multiple Institutions*. American Association of Physics Teachers. Portland, OR.

24. 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.

25. 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

26. 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.

27. Reese, Michael J. & Reid Sczerba. (2011). *Classroom Collaboration: Putting Design into Action*. New Media Consortium Annual Conference. Madison, WI.

28. 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

29. 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.

30. Freedman, Joan and Michael J. Reese. (2009). *Playing Together: Establishing an Interdisciplinary, Interinstitutional Gaming Initiative*. New Media Consortium Annual Conference. Monterey Bay, CA.

31. Reese, Michael J. and Glenn Johnson. (2009). *Assessing Impact: e-Portfolios in Higher Education*. Mid-Atlantic Regional Educause Conference. Philadelphia, PA.

32. Reese, Michael J. and Rebecca Pearlman. (2008). *Using Digital Field Assignments to Assess Learning in the Sciences.* Reinvention Center Fourth National Conference. Washington, DC.

33. Juedes, Donald, Michael J. Reese, Ann Woodward, and Virginia M. Hall. (2008). *Sparking Innovative Teaching: A Collaboration to Promote Visual Resources.* Catalyst for Creativity Conference. New York, NY.

34. Freedman, Joan and Michael J. Reese. (2008). *Vietnam Remembered: A Lecture/Lab Course*. New Media Consortium Annual Conference. Princeton, NJ.

35. 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.

36. Reese, Michael J. and Richard Shingles. (2007). *Digital Field Assignments: Course Projects for the Net Generation*. Educause National Conference. Seattle, WA.

37. 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.

38. 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 34th Annual Conference. Banff, AL.

39. Reese, Michael J. and Richard Shingles. (2006). *Digital Field Assignments*. New Media Consortium Annual Conference. Cleveland, OH.

40. Shingles, Richard and Michael J. Reese. (2006). *The Interactive Map Tool*. New Media Consortium Annual Conference. Cleveland, OH.

41. Reese, Michael J. and Theron Feist. (2005). *Ensuring Success: A Process for Transforming Teaching with Technology.* Academic Technology Conference. Goucher University. Baltimore, MD.

42. 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.

43. Feist, Theron, Michael J. Reese, and J. Rae Brosnan. (2004). *Digitizing the Humanities*. Mid-Atlantic Regional Educause Conference. Baltimore, MD.

44. Schulman, James and Michael J. Reese. (2004). *ARTstor: Building a Community Digital Library*. Educause National Conference. Denver, CO.

45. Reese, Michael J. (2004). *The Timeline Creator.* New Media Consortium Annual Conference. Vancouver, BC.

46. Dalrymple., Melissa and Michael J. Reese. (2004). *ARTstor: Building a Community Resource*. New Media Consortium Annual Conference. Vancouver, BC.

47. Reese, Michael J. (2003). *Enhancing Critical Thinking Skills for Humanities Students: An Art History Model*. Mid-Atlantic Regional Educause Conference. Baltimore, MD.

INIVTED WORKSHOPS & LECTURES

How to Publish High Quality Research - Webinar Series for Tongji Hospital, China – Online (December 28, 2022).

Excellence in Online Teaching Massive Open Online Course hosted by Coursera. Online. (Winter 2022).

Post-Pandemic Teaching; *Leading Change Institute.* Washington, DC. (July 11-15, 2022).

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

Faculty Members Still Aren't Sure What to Make of ChatGPT by Eva Surovell, *The Chronicle of Higher Education* – March 17, 2023. https://www.chronicle.com/article/faculty-members-still-arent-sure-what-to-make-of-chatgpt

What you Need to Know About ChatGPT by Beth McMurtrie, *The Chronicle of Higher Education* – March 16, 2023. https://www.chronicle.com/newsletter/teaching/2023-03-16

Debating what Universities Owe Democracy by Joshua Kim, *Inside Higher Education* – October 6, 2022. https://www.insidehighered.com/blogs/learning-innovation/debating-%E2%80%98what-universities-owe-democracy%E2%80%99

Wallace, Rachel. 4 Apr 2022. "Center for Educational Resources Gets New Name, Expanded Future." *The Hub.* https://hub.jhu.edu/2022/04/04/center-educational-resources-renamed-center-teaching-excellence-innovation/

How are Academic Institutions Innovating Under Pressure by Todd Carpentar, *The Scholarly Kitchen* - April 8, 2020. https://scholarlykitchen.sspnet.org/2020/04/08/academy-innovating-under-pressure/

Teaching and Learning Online: Innovation Under Pressure. *National Information Standards Organization panel discussion* - April 3, 2020. https://www.niso.org/events/2020/04/teaching-and-learning-online-innovation-under-pressure

Syllabus: A close look inside the classroom by Rachel Wallace, *JHU Arts and Sciences Magazine* - Fall 2019. https://magazine.krieger.jhu.edu/2019/09/syllabus-introduction-to-urban-studies/

Episode 69: Mike Reese and Kelly Clark on Evidence- Based Practices for Teaching Science by Nina Martin, *Public Health United Podcast*- February 8, 2019. http://www.publichealthunited.org/episode-69-mike-reese-and-kelly-clark-on-evidence-based-practices-for-teaching-science/

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.

FUNDED GRANT PROPOSALS – co-written/co-PI

+ NSF IUSE: Preparing Future Faculty to Improve STEM Education: Broadening the National Impact of the CIRTL Network -Co-PI ($2.29 million)
+ NIH IRACDA: Academic Success via Postdoctoral Independence in Research and Education (ASPIRE) - program assessment ($2.46 million)
+ NSF IGERT: Water, Climate Health Graduate Traineeship – program assessment ($3.2 million)
+ NSF RIGEE: Integrating Computation into the Materials Science and Engineering Core – research associate ($150,000)
+ JHU Gateway Science Initiative – design first active-learning classroom on Homewood campus ($100,000)

HONORS

+ 2020 Crenson-Hertz Award for Community-based Learning and Participatory Research (JHU Center for Social Concern)
+ 2020 Diversity Leadership Award – awarded to Center for Educational Resources by the Johns Hopkins Diversity Leadership Council for developing University-wide Inclusive Pedagogy programs.
+ 2014 SAGE Teaching Innovations and Professional Development Award (American Sociological Association)
+ 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 3rd place Johns Hopkins Homewood Student Employer Award
  Nominated by student worker
+ 2003 1st 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

PROFESSIONAL SERVICE

+ JHU Press Book Peer Review – *Recentering Learning:* by Maggie Debelius, Josh Kim, and Eddie Maloney
+ Chair of Johns Hopkins Center for Teaching and Learning Roundtable (university standing committee) 2022-
+ JHU Press Book Peer Review - *Working at the Center: U.S. Centers for Teaching and Learning and Academic Change* by Mary Wright

+ Valerie Hartman Dissertation Committee (2022-24)
+ Member of University Middle States Commission on Higher Education re-accreditation self-study working group (2022-24)
+ Member of Provost's ad-hoc committee on Evaluating Teaching Effectiveness (2022)
+ Goal Leader of Johns Hopkins Diversity, Equity, and Inclusion Roadmap Strategic Team (2022-24)
+ Committee to guide strategic direction of the University's DEI Roadmap as it is implemented. Goal leader for Faculty and student training. Member of CIRTL National Meeting Organizing Committee (2021)
+ Co-Chair of Johns Hopkins Online Resources Working Group (2020)
+ Member of Johns Hopkins Second Commission on Undergraduate Education (2018-2020)
+ Member of Johns Hopkins Online Education Roundtable (2016-present)
+ Member of Johns Hopkins Instructional Technology Advisory Council (2014-present)
+ Invited Member of Educause Horizon Report Expert Panel (2016-2021)
+ Advisory Board Member of The SALG Foundation (2016-2021)
+ Co-chair of Teaching Subcommittee of MSE Library Renovation Project (2014-present)
+ Sociology Department Computing Committee (2009-14)
+ Co-chair of Johns Hopkins ePortfolio Committee (2003-2007)
+ Member of University Diversity Training Committee (2007-08)
+ Chair of Sheridan Libraries Web Steering Committee (2002-03)

COURSES TAUGHT

+ Introduction to Social Statistics
+ Introduction to Sociology
+ Exploring Baltimore: Introduction to Urban Studies (designed course)
+ Studying Innovation and Change in Charm City (designed course)