

# Katherine Baleja

## EDUCATION

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- Doctorate of Educational Technology** **Dec, 2018**  
Central Michigan University, Mount Pleasant, MI  
*Dissertation: Digital Literacy: Digital Reading, Digital Writing, and Oxford Bibliographies*
- Master of Arts in Instructional Technology** **May, 2014**  
Saginaw Valley State University, Saginaw, MI  
**Educational Technology (NP) Endorsement**
- Bachelor of Science, Secondary Education** **April, 2006**  
Alma College, Alma, MI  
Michigan Secondary Professional Certification  
Major: Biology                      Minor: Natural Science  
**Science (DX) and Biology (DA) Endorsements**

## TEACHING EXPERIENCE

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- Wayne State University, Detroit, MI** **2019-Present**  
Educational Technology Lecturer
- Teaching Introductory Educational Technology for undergraduate and graduate students
  - Working on creating new technology competency modules providing a baseline competency for all candidates before taking the required EdTech course
  - Helping create a new endorsement, curriculum, and program proposal for Industrial and Technology Education
- Swan Valley Middle School, Saginaw, MI** **2006- 2017**  
8<sup>th</sup> Grade Earth Science, Technology Coach, and 7<sup>th</sup> & 8<sup>th</sup> Grade Robotics
- Taught 1:1 with iPads, utilizing Schoology as the LMS
  - Developed and implemented the 8<sup>th</sup> grade Earth Science Curriculum
  - Organized and assisted with technology needs of the building
  - Established a welcoming learning environment, centered around student education
  - Integrated technology into daily lessons
  - Created the 7<sup>th</sup> and 8<sup>th</sup> grade Robotics Exploratory Courses
  - Varsity Pompon Coach 2007-2012
    - Class B State Champions 2012
- Summer Internship: Mathen Mappilai Memorial School, Kerala, India** **Summer 2004**
- Taught 3<sup>rd</sup> grade math and 7<sup>th</sup> – 10<sup>th</sup> grade science and math
  - Helped create kindergarten activities
  - Provided computer lessons and assistance for teachers
  - Assisted at a health clinic and donated books for children

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## **PUBLICATIONS**

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Hicks, T., Baleja, K., & Zhang, M. (2019). Digital Literacy. In *Oxford Bibliographies in Communication Ed. Patricia Moy*. New York: Oxford University Press.

Baleja, K. & Zhang, M. (In preparation). K-12 digital reading strategies and perceptions.

Baleja, K. & Zhang, M. (In preparation). Digital writing and production strategies and perceptions.

Baleja, K. (In preparation). Integrating digital literacy in the science classroom.

## **PROFESSIONAL AND SERVICE ACTIVITIES**

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- Advancing TRUE via Technology—CTN Grant 2019-present
- Research to Practice: Supporting Detroit Public Schools Community District (DPSCD) Teachers in Providing Culturally Relevant Computer Science Education—GM Grant 2019-present
- Creating new technology competency modules 2019-present
  - Providing a baseline competency for all teacher candidates
- Designing new endorsement/curriculum, for Industrial/Technology Education 2019-present
- SVSD Technology Committee 2014-2017
- SVSD Assessment Committee 2015-2017
- SVSD Science Curriculum 2009-2017
- Washington DC Chaperone / Saginaw DC 2007-2017
- SVMS M-Step Committee 2015
- SVSD Technology Coach 2014-2015
- SVMS Student Responsibility Initiative Coordinator 2011-2015
- SVMS Geek Squad Co-Chair 2014
- SVMS STAND Advisor 2011-2014

## **PROFESSIONAL SKILLS AND TRAINING**

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- Michigan Association for Computer Users in Learning (MACUL) Conferences 2015-2016
- Google for Education Basics Exam 2015
- 21 Things 4 iPads 2014-2015
- MiGoogle Conference 2014
- Ed Tech Rally 2014
- iOS iLife for Education 2014
- MACUL Mobile Learning Conference 2014
- Science Writing and Science Disciplinary Reading 2013-2014
- Michigan Science Teachers Association (MSTA) Conferences 2007-2014
- Igniting STEM Excellence Education and Business Summit 2013
- Implementing the Common Core State Standards 2012
- LEGO Education NXT Robotics Workshop 2011
- Title IIA Earth Science Grant at SVSU 2010

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## **REFERENCES**

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### **Dr. Ming Zhang**

Central Michigan University  
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