

Gary M. Timko, Ph.D.  
Senior Researcher  
Center for Research and Evaluation at  
Center of Science and Industry (COSI) in Columbus

## SUMMARY

Gary M. Timko received a Doctorate degree in Education Research and Evaluation (1999) and has 26 years of experience designing, managing, and conducting research and program evaluation in the areas of non-profit human services, state government, and formal and informal education and learning environments. Dr. Timko has most recently focused his research on youth out-of-school-time learning, adult learning, culture organization visitor experience, and STEM learning for the blind and low-vision.

## PROFESSIONAL PREPARATION

|                           |                                   |            |
|---------------------------|-----------------------------------|------------|
| The Ohio State University | English Education                 | B.S. 1984  |
| The Ohio State University | Higher Education Administration   | M.A. 1986  |
| The Ohio State University | Education Research and Evaluation | Ph.D. 1999 |

## APPOINTMENTS

|                |                                                                                                                      |
|----------------|----------------------------------------------------------------------------------------------------------------------|
| 2014 - present | Senior Researcher, Center for Research and Evaluation (CRE) at the Center of Science and Industry (COSI) in Columbus |
| 2011-2014      | Independent Research and Program Evaluation Consultant, Quality Performance, LLC                                     |
| 2005-2011      | Director of Research and Evaluation, Community Research Partners                                                     |
| 1999-2011      | Senior Research Associate, Ohio General Assembly                                                                     |
| 1995-1999      | Research Associate, Eisenhower National Clearinghouse for Math and Science Education                                 |

## RESEARCH/EVALUATION REPORTS

### STEM Learning

- COSI: *COSI/NASA Artemis and NASA/COSI Artemis and James Webb Space Telescope Learning Lunchbox Site Distribution and Engagement: Case Studies*, December 18, 2023
- COSI: *COSI/NASA Artemis Learning Lunchbox Kit Formative Evaluation*, August 2022
- National Federation of the Blind: *Spatial Ability Blind Engineering Research (SABER) Program Evaluation Report*, August 2022
- National Federation of the Blind: *Spatial Ability Blind Engineering Research (SABER): NFB EQ (Engineering Quotient) Program: Year Two Evaluation*, August 2020
- Pacific Science Center: *Pipeline for Remote Sensing Education and Application Summative Evaluation*, March 2018
- Philadelphia Zoo: *Collaborative Community Building: An Emergent Study*, October 2017
- COSI Tech Studio: *Youth Visitor Experience Evaluation*, October 2017
- National Geographic Films Evaluation: *Youth Extended Learning*, October 2017
- Pacific Science Center Pipeline for Remote Sensing Education and Application: *Youth STEM Out-of-School-Time (OST) Summer Programs evaluation*, Sept 2017
- New York Hall of Science LearnxDesign program: *Library Youth STEM OST Programming*, June 2017
- Great Lakes Science Center Mission to STEM NASA grant program evaluation: *Final Summative Report*, June 2017

- COSI Academy Youth STEM Career Awareness and Skills Exploration: *Youth Participant Outcomes Evaluation* , January 2017
- Battelle Youth OST Program: *Program Impact Evaluation*, September 2016
- National Geographic Film-Related Educational Resources and Activities: *Teachers' Use of Film-Related Nat Geo Resources to Teach STEM Concepts Evaluation*, September 2016
- Great Lakes Science Center Mission to STEM NASA grant program evaluation: *Formative Evaluation Report* , June 2016
- National Geographic Robots 3D Film Evaluation: *Using STEM Film-Related Resources in Informal Learning Environments*, February 2016
- SURGE Columbus: *Youth OST Programming Evaluation*, December 2015

## PUBLICATIONS

Timko, G., Harris, M., Hayde, D., & Peterman, K. (2023) Sustainable Development of Community-Supported STEM Learning Ecosystems in Rural Areas of the United States. *Community Development Journal*

Dembe, A., Timko, G., Song, P., & Beckwith, K. (2010). Estimating provider and service costs at a community-based medical home project in central ohio. *Journal of Health Care for the Poor and Underserved*, 21(2), 704-714.

Timko, G., Negeotte, N., Meyer, J., & Heimlich, J. (Under review) Identifying and influencing stages of conservation readiness in zoo and aquarium adult visitors. *International Journal of Science Education, Part B*.

Timko, G. M. (1999). Assessing student needs for educational programming in student affairs. The Ohio State University. (Dissertation)

## RECENT CONFERENCE PRESENTATIONS

- |                                                                                                         |               |
|---------------------------------------------------------------------------------------------------------|---------------|
| • American Evaluation Association 2017 Conference: <i>Is it Just a Film?</i>                            | November 2017 |
| • Giant Screen Cinema Association 2017: <i>Measuring the Impact of a Short Term Experience</i>          | October 2017  |
| • American Evaluation Association 2017 Conference: <i>National Geographic Robots 3D Film Evaluation</i> | November 2016 |

## PROFESSIONAL AFFILIATIONS

- |                                           |                          |
|-------------------------------------------|--------------------------|
| • American Library Association            | June 2018 - present      |
| • Visitor Studies Association             | January 2015 - present   |
| • American Evaluation Association         | September 1995 - present |
| • American Education Research Association | September 1995 - present |

## CERTIFICATION/LICENSE

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|---------------------------------------------|----------------------|
| • Middle and Secondary Education (Teaching) | June 1984 –June 2017 |
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