

15 Years of Evaluation

Acumen Research and Evaluation grew from Gale Mentzer's private practice which included a diversity of evaluations and clients:

Years	Client	Project	Service
2013-2016	University of Toledo/National Science Foundation	UT ³ Noyce Scholarship Plus	This Phase II Monitoring & Evaluation Project, UT ³ NS Plus, is a continuation of the Phase I project UT ³ Noyce Scholarship Program (UT ³ NS; NSF Award #0733767). This in-depth evaluation provides more detailed information as to the unique process the scholars have experienced from recruitment through employment, why some scholars were more successful than others in obtaining a teaching position, what qualities and strategies were essential in the process of obtaining a teaching position, and, once employment is secured, the development of teaching practice through the novice stage (first three years).
2011-2016	University of Toledo/National Science Foundation	NURTURES (Networking Urban Resources with Teachers and University to enRich Early	Comprehensive evaluation of a \$10 million National Science Foundation Math Science Partnership to better prepare preschool through grade 3 teachers to teach science.
2011-2013	US Office of Juvenile Justice and Delinquency Programs	A Comprehensive Evaluation of Group Mentoring Programs at the Boys & Girls Club	National evaluation of the context and implementation of group mentoring at the clubs. Includes a fidelity of implementation analysis, cost-benefit analysis, a national online survey, and in-depth case studies.
2009-2014	University of Toledo/National Science	Leadership for Educators: Academy for Driving	A teacher leadership institute math science partnership that

	Foundation	Economic Revitalization in Science	prepares six teacher leaders (TLs) each from four districts (Toledo Public, Toledo Catholic, Monroe Public, Akron Public). TLs then provide extended professional development in the integration of project based science and renewable energy science to teachers in Grade 3 – 12. Comprehensive evaluation includes treatment and control schools, student outcome data, case studies, online surveys, social network analysis, and teacher learning gains.
2008-2012	Lake Erie Center/ National Science Foundation	Graduate Teaching Fellows in STEM High School Education: An Environmental Science Learning Community at the Lank-Lake Ecosystem Interface	Multi-faceted evaluation of the placement of environmental science and engineering graduate students in high school classrooms. Includes quantitative and qualitative data collection and analysis.
2008-2012	University of Toledo/ US Department of Education Teachers for a Competitive Tomorrow	IMPACT (Inquiry Masters Program Advancing Content for Teachers)	Evaluation of a project that provides high school science teachers in high needs schools with a MS in Environmental Science. Examines effects on student learning
2007-2011	University of Toledo/ National Science Foundation	UT3 Noyce Scholarship	Internal evaluator for a project to provide teaching licensure to master level students with a BS degree in math, science, or engineering
2007-2008	Think College Now!/ OCAN	Think College Now at the Boys & Girls Club	Formative and summative evaluation of the integration of college access services to three local Boys & Girls Club locations
2007-2008	University of Toledo/ Ohio Learning Network	Human Geography ReVisioning Learning Community	Process evaluation of the redesign of an introductory geography course that utilized Google Maps and online mapping technology to make the course more relevant to

			students. Utilized treatment and control groups
2005-2010	University of Toledo/ US Department of Education	UToledo. UTeach. UTouch the Future	Internal evaluator and research consultant for a comprehensive (\$6 million) Teacher Quality Enhancement Program to recruit, prepare, and retain high quality math and science teachers for urban schools. Prepared annual and final reports.
2005-2007	University of Toledo/ National Science Foundation	Mechanical Engineering Technology Online Labs— Improving Lab Accessibility	Project evaluation of the integration of online lab access to mechanical engineering fluids mechanics course including piloting and implementing the course. Utilized a control group.
2005-2006	University of Toledo/ Ohio Learning Network	Redesigning and Refining Engineering Orientation Courses	Process evaluation of the development of a blended orientation course that provided more quality in-class time. Utilized a control group
2005-2006	Think College Now! (local non-profit college access organization)/ Ohio College Access Network (OCAN)	Implementing OCAN Advisory Services Best Practices	Process evaluation of the integration of OCAN best practices into local high schools
2004-2007	Center of Science and Industry	Development of Interactive Distance Learning Courses	Evaluation of real-time interactive science workshops provided to elementary schools including assessment of teacher feedback and an online needs assessment
2004-2005	Ottawa Coalition/ St. Marguerite D'Youville Foundation	Building Community through Technology	Evaluation of a series of workshops designed to familiarize low-income community with the use of computers and the internet
2004-2005	University of Toledo/ Ohio Learning Network	Business Technology FastTrack Learning Community	Process evaluation of online certificate program in business technology
2003-2006	Adelante/ Ohio Department of Health	Si Puedo! Tobacco Cessation Program	Formative and summative evaluation of a comprehensive smoking cessation program

			targeting the Latino community.
2002-2003	Adelante, Inc. (community service organization) and University of Toledo Health & Human Services College	Puente de Salude: Tobacco Prevention Project for the Latino Community	Comprehensive project evaluation that included quantitative data collection and analysis, focus group interviews, and a community survey
2002-2003	Englewood Peace Academy	Process Evaluation of a Charter School	Examination of school records, interviews with school staff and students, and direct observations of classrooms and community areas
2000-2001	Toledo Public Schools/US Department of Education	Toledo Learning Community at Woodward High School	Project facilitator for Smaller Learning Communities Planning Project
1999-2000	Edison Industrial Systems Center/National Science Foundation	NSF Advanced Technological Education project “Toledo Technology Academy”	Evaluation of new magnet school focused on manufacturing engineering education
2008	Spark The Mind, LLC	Evaluation of “Smart Shorties Hip Hop Multiplication”	Quasi-experimental design to compare pre/post intervention between matched pairs of schools that engaged in the program and those who did not
2004	University of Toledo, Bowling Green State University/ Ohio Board of Regents	Development of 6 Distance Learning Online Mathematics and Science Education Courses	Process and summative evaluation of online courses including gathering and analyzing student feedback and knowledge based on intended course outcomes
2004	Ohio Department of Education	Evaluation of the Ohio Reading Recovery Program—Individual Learner Characteristics & Environmental Factors Affecting Success Rates	Statewide examination of early reading intervention to determine relationships between demographic characteristics and program success rates
2001	Toledo Public Schools	Qualitative Analysis of Parent Forum	Analysis of data collected at district-wide parent forum
2001	University of Toledo/ Ohio Board of Regents	UT Plant Science Institute (hands-on environmental science summer workshop for k-12 science teachers)	Formative and summative evaluation

2001	University of Toledo/ US Department of Education	Teacher's Info-Port to Technology (preparing university faculty to integrate technology into teaching)	Project evaluation for PT3 program (Preparing Tomorrow's Teachers for Technology)
2000	Toledo Botanical Gardens	Evaluation of Summer Education Programs	Formative evaluation of summer art camp for elementary school children
1999	Ottawa County Housing Collaborative	The Need for Affordable Housing in Port Clinton, OH	Needs assessment, gap analysis, and community survey
1999	Toledo Public Schools	Futures Council Parent Opinion Survey	District-wide survey to determine how the district could better meet the needs of parents