

## **Matt Feldmann, Ph.D.**

### ***Academic***

**Doctor of Philosophy**, May 2005, Iowa State University, Department of Educational Leadership and Policy Studies, Ames, Iowa. Dissertation title: Do congressional academic earmarks at public research institutions encourage research productivity? Dissertation Chair: John H. Schuh, Ph.D.

**Master of Public Administration**, 1996, Southern Illinois University at Edwardsville, Edwardsville, Illinois. Matt supported his education with a graduate assistantship with a joint appointment in the University Center and the Kimmel Leadership Center

**Bachelor of Science**, 1994, Southern Illinois University at Edwardsville, Edwardsville, Illinois. Major: Psychology, Minor: Business

### ***Professional***

**Principal Researcher and Owner, Goshen Education Consulting, Inc.**, August 2009 - current, Edwardsville, Illinois. Goshen Education provides education related data support and project evaluation services to universities, k-12 schools, and non-profits.

**Director of Institutional Research and Assessment**, September 2008 – January 2011, Fontbonne University, Saint Louis, Missouri.

**Director of Institutional Research**, July 2006 – September 2008, Blackburn College, Carlinville, Illinois.

**Post-Doctoral Research Associate**, May 2005 - June 2006. **Research Assistant** August 2002-May 2005, Iowa State University, Research Institute for Studies in Education (RISE), Ames, Iowa.

**Independent Consultant**, May 2002-August 2002. Children's Memorial Hospital, Chicago, Illinois.

**Senior Consultant**, Arthur Andersen LLP, July 1998-February 2002. Chicago, Illinois. Matt served as consultant to post-secondary institutions throughout the U.S.

**Assistant Director for Facilities and Operations**, October 1996-July 1998, Office of Campus Programs, Catholic University of America, Washington, DC.

**Information Center Manager**, June 1996 – October 1996, University Center, Southern Illinois University at Edwardsville, Edwardsville, IL.

**Graduate Assistant**, June 1994 – June 1996, University Center, Southern Illinois University at Edwardsville, Edwardsville, IL. Joint appointment in the University Center and Kimmel Leadership Center.

### **Honors/Awards/Service**

**American Evaluation Association**, Independent Consulting Topical Interest Group (IC TIG), Chair. The IC TIG has a membership of nearly 1,000 evaluation consultants throughout North America.

**Evaluation Association of St. Louis (EASL)**, Acting President. EASL is the American Evaluation Association local affiliate that serves the evaluators in the St. Louis region.

**Big Ideas of STEM (BIOSTEM) Board Member.** iBIO Institute Educate Center, Illinois Biotechnology Industry Organization, Chicago, IL. May 2010 – Current.

**NCES/NSF/AIR Fellow**, National Center for Education Statistics (NCES), National Science Foundation (NSF), and Association for Institutional Research (AIR) Summer Data Policy Institute, 2005.

**University Center Advisory Board Member.** Morris University Center, Southern Illinois University Edwardsville, Edwardsville, IL. September 2014 – Current.

**Visiting Graduate Scholar**, Humboldt University of Berlin, Summer 2004.

### **Peer Reviewed Publications**

Feldmann, M.L., Weyhaupt, A. & Quivey, M.A. (2013). Intel Math Connections: A three year study of the impact of a math-based program on elementary teachers. In C. Veenstra (Ed.) *Advancing the STEM Agenda*. Grand Rapids, MI: American Society for Quality.

Feldmann, M.L. & Jackson, K. (November/December, 2011). Took Survey. Got Shirt. Using Effective Educational Practices to Maximize NSSE Response Rates. *Assessment Update*, 23(6).

Feldmann, M.L., Aper, J.A., & Meredith, S. (2011). Co-curricular assessment scale development, *Journal of General Education*, 60(1), 16-42

Feldmann, M.L., Chrusciel, D., Pohlmann, A., Shelley II, M.C., McCool, K., Morton, A.D. Ahoy, C.K. (2008). Architectural and engineering fees from the public institutional perspective, *Journal of Management in Engineering*, 24(1), 2-11.

Feldmann, M.L., Shelley II, M.C. (2007). Improving judicial branch education in high school, *Judicature*, May/June.

Feldmann, M.L., Chrusciel, D. (2006). Eyeing A/E Percentages. *Business Officer* (July 2006)

Mina, M, Somani, S., Tyagi, A., Rover, D., Feldmann, M.L., & Shelley, M. (2005). Learning Streams: A Case Study in Curriculum Integration. *American Society for Engineering Education/Institute of Electrical and Electronics Engineers Frontiers in Education Conference*. October 19 - 22, 2005, Indianapolis, IN.

### **Peer Reviewed Publications (continued)**

Feldmann, M.L. (2006). University Vulnerability: Tuition Fees at Humboldt University of Berlin, In V.H.W. Borden, S.W. Swail, and L. Harvey (eds.), *The Quality, Cost, and Access Dilemma: Strategies for Developing and Sustaining High Quality Programs that Meet Societal Needs in an Era of Diminishing Resources, Conference Proceedings*. Tallahassee, FL: Association for Institutional Research.

Feldmann, M.L. (2004) The (Indirect) Costs of Conducting Research, *University of Houston Institute for Higher Education Law & Governance Monograph Series*. Houston, TX: University of Houston Law Center. (April 2004).

### **Scholarly Activity**

Reviewer, American Evaluation Association Conference, 2012 - 2015

Reviewer, Journal of College Student Development, October 2003 to June 2006.

Reviewer, Association for the Study of Higher Education Annual Conference, 2003, 2007, 2008.

Reviewer, Association for Institutional Research Annual Forum, 2008, 2009.

### **Teaching Experience**

Assessment in Teacher Education, Blackburn College, Fall 2007

Surveys in Educational Research (Teaching Assistant), Iowa State University, Spring 2006.

### **Professional Organizations**

American Education Research Association (AERA), 2013 – present.

American Evaluation Association (AEA), 2011 – present. Current Chair-elect for the Independent Consulting Topical Interest Group.

Association for Institutional Research (AIR), member, 2003 – present.

### **Current Projects**

**StellarGirls.** January 2012 – December 2015. After school program and teacher workshop evaluation with the iBIO Institute focused on providing STEM experiences to middle school girls in Chicago Public Schools.

**National Science Foundation Noyce Science & Math Scholarship Programs.** September 2013 – August 2019. Project evaluation of two pre-service teacher programs at Southern Illinois University Edwardsville (SIUE) focused on preparing teachers to teach STEM and Math in underrepresented schools.

**Illinois Association of Regional Superintendents of Schools (IARSS) School Improvement Lead Partnership.** October 2014 – September 2017. Data support and analysis for school improvement efforts at Cahokia High School, Lincoln Middle School (East St. Louis), and Mason Clark Middle School (East St. Louis). Three additional projects are proposed for 2016 and beyond.

**National Science Foundation CAA-NGRREC REU.** March 2015 – September 2017. Center for American Archeology (CAA) and the National Great Rivers Research & Education Center (NGRREC) Research Experiences for Undergraduates. Program evaluation for a summer-based undergraduate research immersion program.

### ***Current Projects (continued)***

**University of Northern Iowa, Center for Teaching and Learning Mathematics.** March 2015 – December 2015. Technical assistance support for the evaluation of three elementary education focused mathematics professional development projects funded by the U.S Department of Education Math and Science Partnerships.

**Area V – ISTEM Math.** June 2015 – September 2017. Monroe/Randolph ROE 45 and St. Clair ROE 50 Illinois Math and Science Partnership area math implementation. Program evaluation support for a teacher professional development program that serves about 80 K-12 teachers. The program includes instruction with Intel Math and the Illinois Model Math Curriculum.

**Swarovski Water School,** June 2016 – December 2019. Goshen Education Consulting, in cooperation with The National Great Rivers Research & Education Center and the SIUE STEM Center will develop a Water School for Illinois community children near the Mississippi and Missouri rivers.

### ***Completed Projects***

**Graduation Initiative – Stay In School.** St. Clair ROE. October 2010 – June 2016. U.S. Department of Education. Program evaluation of an initiative to increase graduation rates at four low-performing schools in St. Clair County, Illinois.

**Glen Carbon Public Library – Financial 411.** March 2014 – March 2016. Program evaluation of a financial literacy grant conducted by a local library in coordination with several community partners.

**Regional Office of Education #45, Right Track Truancy Program.** October 2014 – September 2016. Technical assistance for reporting and early warning system development.

**Numbers 4 Knowledge II.** August 2014 – June 2015. Project evaluation of a program funded by Monsanto designed to increase math content understanding for middle and high school children.

**School Improvement, Cahokia High School, East St. Louis Lincoln and Mason/Clark Middle Schools.** August 2014 – June 2015. Data and reporting assistance to support the IARSS lead school improvement partner for three projects at Districts 189 and 187.

**University of Arizona Institute for Mathematics & Education.** February 2014 – May 2015. A quasi-experimental research project to determine whether students involved with the teachers who participated in Intel Math projects in Southwestern Illinois from 2010 – 2012 had improved understanding for mathematics, when compared with a control group.

**Minds On Science Activities in the Community (MOSAIC).** October 2013 – September 2014. Project to assist the SIUE Science, Technology, Engineering and Mathematics Center for Research, Education, and Outreach (STEM Center) with the development of program documentation for the eventual evaluation for the MOSAIC program.

**Illinois Math and Science Partnership – Inspire STEM.** March 2013 – September 2014. Evaluation and project partnership with East St. Louis District #189, and SIUE. The project focuses on providing STEM professional development to secondary science teachers in East St. Louis.

**Numbers 4 Knowledge.** August 2013 – June 2014. Project evaluation of a program funded by Monsanto designed to increase math content understanding for elementary school children.

## ***Completed Projects (continued)***

**WIP4 – State Evaluator.** August 2012 – December 2013. Service on a team of five state-wide evaluators who served the Illinois Math and Science Partnership (IMSP) Workshop/Institute Program (WIP) for the 2012-2013 funding. This project was a collaboration with others for the state evaluation led by Evalsolutions.

**Illinois Math and Science Partnership – Math Connections 2.** May 2011 – September 2013. Quasi-experimental evaluation with Monroe/Randolph Regional Office of Education (ROE) and Chester School District. Recognized for rigor by the U.S. Department of Education

**Illinois Math and Science Partnership – MASLI3-R.** May 2011 – September 2013. Quasi-experimental Evaluation with Southern Illinois University at Edwardsville and Carrollton School District.

**Illinois Math and Science Partnership – TalentSparks<sup>3</sup>.** May 2011 – September 2013. Workshop Evaluation with iBIO Institute and Monroe/Randolph Regional Office of Education.

**STAR NET Grant Writing Project,** February 2011. Developed five proposals with the Illinois Association of Regional Superintendents of Schools (IARSS) to administer the Support and Technical Assistance Regional Network (STAR NET) projects for five (of six) regions in Illinois.

**Illinois Math and Science Partnership – Sprouting STEMS.** St. Clair ROE. May 2010 – September 2012. Quasi-experimental program evaluation of a STEM program for elementary teachers in St. Clair County, Illinois. Recognized for rigor by the U.S. Department of Education

**Illinois Math and Science Partnership – Intel Math Connections.** ROE 45. May 2010 – September 2012. Quasi-experimental Evaluation with Monroe/Randolph Regional Office of Education and Sparta School District. Recognized for rigor by the U.S. Department of Education

**Illinois Math and Science Partnership – MASLI2-SM.** SIUE/ROE 41. July 2009 – Present. Quasi-experimental program evaluation of a Master's of Science (M.S.) Education degree in secondary mathematics at Southern Illinois University at Edwardsville. Recognized for rigor by the U.S. Department of Education

**Illinois Math and Science Partnership – Project Green STEM.** St. Clair ROE. July 2009 – September 2011. Quasi-experimental evaluation with St. Clair Regional Office of Education and Lindenwood University. Recognized for rigor by the U.S. Department of Education.

**Illinois Math and Science Partnership – GEMS.** St. Clair ROE. February 2008 – October 2008. Program evaluation of a summer STEM workshop with St. Clair ROE.

**Illinois Math and Science Partnership – ROE #10 & #40.** March 2007 – September 2008. Program evaluation of a summer STEM workshop with Blackburn College and ROE #10 & #40

**Computer & Information Science & Engineering Innovation in Education.** January 2003 – April 2007. A NSF supported program for the Department of Electrical and Computer Engineering. A curricular evaluation of classes that train students in optical systems, information theory, optoelectronics interconnect, networking, and VLSI.

### **Completed Projects (continued)**

**American Judicature Society.** June 2005 – June 2006. An evaluation for the implementation of the Judicial Branch Education Project, an innovative program to teach high school seniors at four sites around the United States about federal and local judicial structure and purpose.

**Facilities, Planning, and Management (FPM).** April 2005 – June 2006. FPM sought research and evaluation assistance to identify a model to determine appropriate professional costs for new and reconstructed buildings.

**High School Laboratory Experiences.** January 2004 – December 2005. A program supported by the Iowa State University Department of Ecology, Evolution and Organismal Biology to provide laboratory experiences to gifted high school students.

**Molecular Biotechnology and Genomics Summer Research Program.** Summer 2003 – Summer 2006. A National Science Foundation (NSF) supported Research Experiences for Teachers program organized by the Department of Ecology, Evolution and Organismal Biology.

**Value Chain Partnerships for Sustainable Agriculture.** October 2002-June 2006. A W.K. Kellogg Foundation supported program for the Leopold Center at Iowa State University. This was an outcome-based evaluation utilizing the Kellogg Foundation logic model.

**Vertical Integration of Computer, Electrical and Mechanical Engineering Education.** August 2004 – March 2006. A NSF supported program for the Departments of Electrical and Computer Engineering and Mechanical Engineering.

**Wealth From The Wind.** September 2003 – June 2006. A W.K. Kellogg Foundation supported program for the American Corn Growers Foundation. This was an outcome-based evaluation utilizing the Kellogg Foundation logic model.

### **Peer-Reviewed Presentations**

Feldmann, M.L., Oleson, V. & Quivey, M.A. (2016, March). *Useful Evaluation Reporting*. U.S. Department of Education, Math and Science Partnership annual conference, Baltimore, MD

Oleson, V., Terry, C, & Feldmann, M.L. (2016, March). *Making Sense of Mathematics and Teaching: Learning and Leading*, U.S. Department of Education, Math and Science Partnership annual conference, Baltimore, MD

Feldmann, M.L. (2015, November). *Moving from Early Warning Indicator Analysis to Dashboard Systems*. Poster Presentation at the American Evaluation Association, Annual Conference, Chicago, IL.

Feldmann, M.L. & Schwemmer, G. (2015, October). *Developing Early Warning Tracking Dashboards*. Poster presentation at the Illinois Education Research Symposium, Lisle, IL.

Lindebrette, K., Vogel, A., & Feldmann, M.L. (2015, October). *Stellar Girls Co-Curricular STEM Programming for 3rd – 8th Grade Girls*. Presentation at the Illinois Education Research Symposium, Lisle, IL.

**Peer-Reviewed Presentations (continued)**

Feldmann, M.L., Knestis, K. & Levesque, J. (2014, September). *Rigorous MSP Quasi-Experimental Evaluation: A Conversation With Local Evaluators*. U.S. Department of Education, Math and Science Partnership annual conference, Washington, D.C.

Feldmann, M.L. (2014, September). *Local Evaluation*. U.S. Department of Education, Math and Science Partnership annual conference, Washington, D.C.

Bracey, G. & Feldmann, M.L. (2014, September). *InspireSTEM: A Journey of Two Years & Ten Steps to NGSS-Aligned Classroom Units*. U.S. Department of Education, Math and Science Partnership annual conference, Washington, D.C.

Feldmann, M.L. & Quivey, M.A. (2013, September). *Math Connections, High Quality Professional Development*. U.S. Department of Education, Math and Science Partnership annual conference, Washington, D.C.

Lindebrekke, K., Feldmann, M.L. & Reed, A. (2013, September). *TalentSparks3, High Quality Professional Development*. U.S. Department of Education, Math and Science Partnership annual conference, Washington, D.C.

Feldmann, M.L., Weyhaupt, A. & Quivey, M.A. (2013, June). *Intel Math Connections: A three year study of the impact of a math-based program on elementary teachers*. American Society for Quality, Annual Advancing the STEM Agenda Conference. Grand Rapids, MI.

Feldmann, M.L. (2012, October). *Great Evaluation: Demonstrating How Collins' Good to Great Concepts are Relevant to Evaluation Organizations*. American Evaluation Association, Annual Conference, Minneapolis, MN.

Feldmann, M.L. (2012, April). *Voluntary Session for Evaluators*. U.S. Department of Education, Math and Science Partnership annual conference, Chicago, IL.

Feldmann, M.L., Marlette, S., Oggero, G., Quivey, M.A., Lindebrekke, K., & Reed, A. (2012, April). *Common Project Challenges: A Panel discussion with Illinois Project Leaders*. U.S. Department of Education, Math and Science Partnership annual conference, Chicago, IL.

Feldmann, M.L., & Oggero, G. (2012, April). *Sprouting STEMs: Elementary Math & Science Professional Development*. U.S. Department of Education, Math and Science Partnership annual conference, Chicago, IL.

Bu, L. , Calvert, W., Feldmann, M.L., Kiehna, M., Quivey, M.A., Johnson, M.(2012, February). *Unlearning elementary mathematics for teaching: Intel Math in Southern Illinois*. Association of Teacher Educators Annual Meeting, San Antonio, Texas.

Feldmann, M.L., Quivey, M.A., Kiehna, M. (2012, January). *Illinois Intel Math: Review of Quasi Experimental Results*. U.S. Department of Education, Math and Science Partnership annual conference, New Orleans, LA.

**Peer-Reviewed Presentations (continued)**

Quivey, M.A., Kiehna, M., Feldmann, M.L. (2012, January). *MRI Math Connections: An Integration of the Intel® Math Curriculum and the UMASS Mathematical Learning Community Modules*. U.S. Department of Education, Math and Science Partnership annual conference, New Orleans, LA.

Lindebrekke, K. Reed, A., Quivey, M.A., & Feldmann, M.L. (2012, January). *Developing STEM Content and 21st Century Skills by Solving a Global Health Problem*. U.S. Department of Education, Math and Science Partnership annual conference, New Orleans, LA.

Lindebrekke, K, Reed, A., Feldmann, M.L. (2011, November). *Developing STEM Content and 21st Century Skills by Solving a Rising Global Health Problem*. Illinois Science Teachers Association, Illinois Science Education Conference, Tinley Park, Illinois.

Feldmann, M.L., Quivey, M.A., Kiehna, M. (2011, March). *Illinois Math Connections: An Application of Intel Math*. U.S. Department of Education, Math and Science Partnership annual conference, San Francisco, CA.

Buhr, L, Feldmann, M.L., Schraith, A. & Bitner, J. (2010, November). *Upside Down: Retaining Undergraduate Adult Learners in Higher Education*. Presentation at the National Symposium on Student Retention, Consortium for Student Retention Data Exchange, Mobile, Alabama.

Feldmann, M.L. (2010, November). *The cobbler's children have shoes: Using effective educational practices to administer the NSSE*. Presentation at the Midwest Association for Institutional Research Forum 2010, Kansas City, Missouri.

Feldmann, M.L. (2008, November). *Linking Higher Education Planning and Assessment: A review of Middaugh's AIR pre-Forum workshop*. Presentation associated with the AIR/IAIR grant. Illinois Association for Institutional Research, 2008, St. Charles, Illinois.

Feldmann, M.L., (2008, May). *Increasing accountability: Changing college costs to positively impact the discount rate and student outcomes at independent colleges*. Paper submitted for peer review at the Association for Institutional Research Forum, 2008, Seattle, Washington.

Feldmann, M.L., Aper J. (2007, November). *Co-curricular assessment using a newly developed scale of emotional intelligence*. Association for the Study of Higher Education (ASHE) 2007 Conference, Louisville, Kentucky.

Aper, J., Feldmann, M.L. (2007, April). *Measuring non-cognitive student outcomes*. Higher Learning Commission, Chicago, Illinois.

Feldmann, M.L. (2006, November). *Considerations for Calculating Architectural and Engineering Fees: Creating a Regression Model for University Facilities*. Illinois Association for Institutional Research, Springfield, Illinois.

Feldmann, M.L. & Porter, S.R. (May 2006). *Institutional Isomorphism in American Higher Education, 1976-2003*. Association for Institutional Research Forum, 2006 Annual Forum, Chicago, Illinois.



***Peer-Reviewed Presentations (continued)***

Feldmann, M.L. & Schuh, J.S. (November 2005). Do congressional academic earmarks at public research institutions encourage research productivity? ASHE, 2005 ASHE Annual Conference, Philadelphia, Pennsylvania.

Feldmann, M.L. (January 2005) University Vulnerability: Tuition Fees at Humboldt University of Berlin. European Association for Institutional Research/ Association for Institutional Research Joint Seminar: The Quality, Cost, and Access Dilemma, Peer reviewed paper presented at 2005 joint seminar, Coral Gables, Florida.

Feldmann, M.L. (December 2004) Evaluating High School Students as Research Interns. Iowa Educational Research and Evaluation Association (IEREA), Peer reviewed poster presentation at the 2004 Annual Conference, Waterloo, Iowa.

Feldmann, M.L. (November 2004) Comparative Analysis of Academic Capitalism in the United Kingdom and United States: Replicating Research by Slaughter and Leslie. Peer reviewed poster presentation. ASHE, 2004 ASHE Annual Conference, Kansas City, Missouri.

Feldmann, M.L. & Shelley, M. (November 2004) Congressional Earmarks and Higher Education: An impact study of federal "pork" funding. Peer reviewed roundtable presentation. ASHE, 2004 ASHE Annual Conference, Kansas City, Missouri.

Feldmann, M.L. & Schuh, J.S. (November 2004). Implementing Tuition Fees at Humboldt University: An application of resource dependency to a system of shifting educational values. Peer reviewed stand up presentation. ASHE, 2004 ASHE Annual Conference, International Pre-Conference, Kansas City, Missouri.

Feldmann, M.L. & Kemis, M.R. (December 2003) Methods for Evaluating High School Teacher Interns in Biotechnology, IEREA, Peer reviewed poster presentation. 2003 Annual Conference, Ames, Iowa.

Clayborne, H., Ellertson, S., Feldmann, M.L, Hensen, K., Saunders, K., Woldt, J. (December 2003) Assessing the Experiences of Masters Students from a Formative Perspective, IEREA, Peer reviewed poster presentation. 2003 Annual Conference, Ames, Iowa.

Feldmann, M.L. (November 2003). The (Indirect) Costs of Conducting Research, Peer reviewed poster presentation. ASHE, 2003 ASHE Annual Conference, Portland, Oregon.