

# Anne Caliendo

(Formerly Anne Darfler)

## CURRICULUM VITAE

### CONTACT INFORMATION

(312) 503-2884

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### SPECIALTIES

- Qualitative research and coding
- Research project management
- School and district reform
- STEM instruction and learning
- Adolescent development

### TECHNOLOGY

- NVivo
- Atlas.ti
- Dedoose
- Qualtrics
- Survey Monkey
- SPSS
- Website design and maintenance
- Microsoft Excel, Access, and Publisher

### TRAINING

- 100+ hours student teaching in 4 diverse junior and senior high schools, 2009
- Essentials of Project Management, American Management Association, 2014
- Human subjects protections, HIPAA, university and school district institutional review board (IRB) systems, processes, and deliverables
- Hierarchical Linear Modeling (HLM 6.0) Workshop, Northern Illinois, 2009
- Intensive training on the *Iowa Family Interaction Scales* coding system at the Institute for Social and Behavioral Research, Iowa State University, 2005

## EMPLOYMENT

### Research Project Coordinator

Northwestern Univ.  
Feinberg School of  
Medicine  
6/2015-present

Qualitative researcher and project support for the Scientific Careers Research and Development Group's longitudinal study of career decision making among graduate students in the biomedical sciences.

- Creating and implementing revised coding system for interview transcripts, including the development and testing of new codes
- Monitoring inter-rater reliability, including training coders
- Monitoring coding project timelines and productivity
- Supporting research associates' analyses
- Maintaining project databases, running reports

### Project Coordinator

UNITE HERE Health  
10/2013-10/2014

Project support for the implementation of programs and benefit designs that improve health care quality and utilization for participants while mitigating costs for 20,000 covered lives across 6 benefit plans.

- Collected, cleaned, analyzed, and reported data from multiple internal and external reporting sources
- Automated data processing for efficient reporting
- Created, shared, and maintained multiple databases
- Collaborated externally with participants, employers, union, and vendors
- Built interdepartmental workflows across 5 departments by defining processes and obtaining consensus from stakeholders

### Research Specialist

Univ. of Pennsylvania  
Consortium for Policy  
Research in Education  
(CPRE)  
2/2011-9/2013

Qualitative researcher and project support for the evaluation of the General Electric Foundation's Developing Futures program, a program designed to build district capacity to support CCSS and STEM education reforms in 6 large, urban school districts and nationally.

- Designed qualitative and mixed-method evaluations of reform programs
- Translated project goals and deliverables into action plans; adapted plans as needed to shifting project priorities
- Conducted and coordinated data collection in 5 districts (in-depth interviews, site visits, surveys) with teachers, building leaders, instructional coaches, central office administration, program administrators, external partners, and union representatives
- Developed and implemented coding schemes measuring content and pedagogical knowledge, professional development, district messaging, school leadership, and data use
- Developed and launched online journal to track activities of CCSS instructional coaches

- Collaborated on the design and administration of multiple surveys of CCSS attitudes, knowledge, and implementation, instructional and evaluation practices, leadership and support, collaboration, data use, and professional development
- Initiated and maintained communication and relationships with research partners and participants, including district liaisons, district administration, principals, teachers and foundation staff
- Wrote and tailored reports and presentations that met goals for both research partners and our evaluation team

#### Research Consultant

Cornell University  
2/2009 – 7/2011

Consulted on the design and implementation of video-based coding for The Role of Grandparents in the Lives of Adolescent Grandchildren Study.

- Developed coding manual synthesizing established and novel frameworks
- Trained investigators on video coding methods and reliability assessment
- Coded video recordings

#### Project Coordinator

Northern Illinois Univ.  
2/2009 – 7/2010

Project support for the newly instituted *Center for the Interdisciplinary Study of Language & Literacy*, encompassing interdisciplinary research, teaching, and community outreach among 40 faculty affiliates across 4 colleges and external partners from 5 universities.

- Participated in strategic planning discussions about mission and sustainability
- Helped establish interest-based faculty networks
- Communicated daily with center affiliates to facilitate collaboration
- Managed a multi-channel advertising strategy to university community via email, website, public relations, and media outlets
- Planned conferences, seminars, meetings, receptions

#### Behavior Analyst

Northern Illinois Univ.  
8/2008 – 7/2010

Collected and analyzed instructional practice and student engagement data using observational and ecological sampling methods in secondary science classrooms as part of the Science in the Moment Study.

- Video-recorded teachers and administered ESM beeper and survey schedule
- Assisted in developing a coding scheme to capture instructional behaviors and teacher interaction with male and female students
- Micro and macro coded video recordings

**Project Coordinator**  
Univ. of Illinois -  
Chicago  
3/2005 – 12/2009

Coding coordinator and project support for a study of video recorded observations of parents' and adolescents' communication about family life and smoking. Social-Emotional Contexts of Adolescent Smoking Patterns Study at the Institute for Health Research & Policy.

- Created novel behavior measures
- Trained on and incorporated existing family coding systems
- Set project timelines and goals for coding progress
- Supervised training, inter-rater reliability, and productivity of 10+ coders
- Coded video recordings
- Supervised accurate data entry and management
- Collaborated with investigators on analyses and publications

## EDUCATION

### **MSEd, Educational Psychology**

Northern Illinois University, December 2010

THESIS Science, epistemology, and learning: An observational study of teachers' presentation of science in secondary classrooms.

ADVISORS M Cecil Smith, Jennifer Schmidt, and Lee Shummow

COURSES Educational Policy, Adolescent Development, Advanced Qualitative Methods in Education, Social Foundations of Education, Psychological Foundations of Education, Multicultural Education, Evaluation, Testing, and Assessment

### **Anthropology**

Graduate level non-degree, Northern Illinois University, 2003

ADVISOR Kendall Thu

COURSES Economic Anthropology, Environmental Anthropology, Sociology of Women's Health, Research Methods

### **BS, Anthropology**

Northern Illinois University, December 2002

COURSES Applied and Cultural Anthropology, Literature, Writing, Geology

## PAPERS AND PRESENTATIONS

### School district reform in support of Common Core, STEM, and literacy education

- Darfler, A.** & Riggan, M. (2013) *Building district capacity for system-wide instructional improvement in Jefferson County Public Schools*. Working paper. Consortium for Policy Research in Education, University of Pennsylvania.
- Sam, C., **Darfler, A.**, Supovitz, J., Hall, D., & Newman, B. (2013) *Evaluation of the GE Foundation-Supported Demonstration Schools Initiative in Milwaukee Public Schools, SY 2012-2013*. Working paper. Consortium for Policy Research in Education, University of Pennsylvania.
- Supovitz, J., Sam, C., Newman, B., & **Darfler, A.** (2013) *Evaluation of the GE Foundation-Supported Coaching & Demonstration Schools Initiative in Erie Public Schools, SY 2012-2013*. Working paper. Consortium for Policy Research in Education, University of Pennsylvania.
- Riggan, M., Fink, R., Sam, C., & **Darfler, A.** (2013) *Building district capacity for system-wide instructional improvement in Erie Public Schools*. Working paper. Consortium for Policy Research in Education, University of Pennsylvania.
- Darfler, A.** & Sam, C. (2013) *A theory of action for New York City's implementation of the Common Core State Standards*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.

### Secondary STEM classrooms, student identity, and engagement

- Smith, MC & **Darfler, A.** (2012). An exploration of teachers' efforts to understand identity work and its relevance to science instruction. *Journal of Science Teacher Education* 23 (4).
- Darfler, A.** (2010). Epistemology in the lab: Secondary science teachers' portrayal of science methods: A qualitative observational analysis of classroom video-recordings. Master's thesis.
- Shumow, L., Schmidt, J., & Darfler, A. (2010). *Walking the talk? Exploring high school science teachers' beliefs and practices regarding gender and science*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Darfler, A.** (2010). *Creativity, engagement, and life Skills: How high school teachers view the role of laboratory work in a low-achieving introductory science course*. Paper presented at the annual NIU Graduate Student Research Conference, DeKalb, IL.
- Smith, MC & **Darfler, A.** (2010). *Teachers' perceived obstacles to identity work with adolescents*. Paper presented at the annual meeting of the National Association of Research on Science Teaching, Philadelphia, PA.

## Adolescent development, risk behaviors, and family context

Metzger, A., Wakschlag, L., Anderson, R., **Darfler, A.**, Price, J., Flores, Z., & Mermelstein, R. (2013). Information management strategies within conversations about cigarette smoking: Parenting correlates and longitudinal associations with teen smoking. *Developmental Psychology*, 49(8).

Dunifon, R., Kopko, K., Chase-Lansdale, L., Wakschlag, L. & **Darfler, A.** (2010). *Youth being raised by grandparents: Profiles of risk and resilience*. Paper presented at the annual meeting of the American Psychological Association, San Diego, CA.

Wakschlag, L., Metzger, A., **Darfler, A.**, Ho, J., Mermelstein, R. & Rathouz, P. (2011). The Family Talk About Smoking (FTAS) Paradigm: New directions for assessing parent-teen communications about smoking. *Nicotine and Tobacco Research* 13(2).

Wakschlag, L., Grace, D., Ho, J., **Darfler, A.**, Friedheim, D. & Mermelstein, R. (2007). "Family Talk" about smoking: Manual for coding family discussions. University of Illinois at Chicago, Institute for Health Research & Policy, Making Health Connections, Family Talk Project.

**Darfler, A.** (2009). Relationships and religion: Adolescent-adult interaction in a Catholic youth ministry. Unpublished paper from Advanced Qualitative Methods course.

## Economic Anthropology

Thu, K., Muhammad, N., Tajik, M., Grant, G., Wing, S., McCaig, D. & **Darfler, A.** (2006). *Industrialized agriculture, environmental justice, and resistance in eastern North Carolina*. Presentation for the annual meeting of the Society for Applied Anthropology, Vancouver, BC.

**Darfler, A.** (2003). Household, legislative, and corporate economic contexts of family leave policy. Unpublished paper from Economic Anthropology graduate course.

**Darfler, A.** (2002). Implications of DCFS policies on local child care availability in an economically depressed town. Unpublished Paper from NIU Ethnographic Field School.

## Creative

**Darfler, A.** (2010). Reflections on Becoming. *Towers Creative & Literary Arts Magazine*, Northern Illinois University.