

# SARA DEXTER

## Education

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### **Ed.D. Educational Leadership**

University of St. Thomas, St. Paul, Minnesota 1997

### **M.Ed. Science Education**

University of Minnesota, Minneapolis, Minnesota 1990

### **B.S. with honors. Major: Biology. Minor: Earth Science.**

University of Wisconsin, LaCrosse, Wisconsin 1986

## Academic and Professional Positions Held

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### **Associate Director**

**2016 to present**

UCEA, University Council of Educational Administration,  
headquartered at the Curry School of Education

### **Associate Professor**

**2010 to present**

### **Program Coordinator**

**2018 to present**

Assistant Professor

2004 to 2010

Department of Leadership, Foundations, and Policy  
Curry School of Education, University of Virginia

---Principal Investigator, *CANLEAD*, 2011-2016,  
at <http://canlead.net> & <http://learn.canead.net>

---Co-Project Director (coPI), *ETIPS: Leadership Cases*, 2006-2010,  
at <http://leadership.etips.info>

---Co-Project Director (coPI), *Ubiquitous Computing Project*, 2004 to 2006  
at <http://edtechcases.info>

---Principal Investigator, *ETIPS*, 2001 to 2005,  
at <http://etips.info>

### **Assistant Professor**

Department of Curriculum and Instruction

College of Education, University of Nevada-Las Vegas

2003 - 2004

### **Research Associate**

Center for Applied Research and Educational Improvement (CAREI)

College of Education and Human Development, University of Minnesota

1999 - 2003

---Co-Project Director, *Exemplary Technology-supported Schooling Case Studies*,  
2000-2003, at <http://edtechcases.info>

- Principal Investigator, *Ed-U-Tech*, 1999-2003
- Project Coordinator, *Planning for International Research on Exemplary Sites of Technology-Enhanced Learning (P-SITES)*, 1998-99
- Researcher, *Teaching, Learning, and Computing: 1998 (TLC'98)*, 1998-2000 at <http://www.crito.uci.edu/tlc/>

### **Lecturer**

Department of Curriculum and Instruction, University of Minnesota 1997 - 1999  
 Taught graduate level courses in the areas of instructional systems and technology, and curriculum and instruction.

### **Technology Integration Specialist**

Osseo Area Schools, Osseo, Minnesota 1994 - 1997  
 Designed, coordinated, and customized instructional technology professional development for over 1300 staff across 27 schools. Provided leadership for development of the district's technology philosophy and pioneered district efforts to identify and integrate technology resources.

### **Secondary Science Teacher**

Osseo Junior High and Park Center High School, Osseo Area Schools, Minnesota 1986-1994  
 Taught life and earth science in 7th and 8th grades. Taught 10th grade biology and earth science electives.

## **Scholarship**

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### **Refereed Journal Articles (29)**

\* Jones, M. & Dexter, S. (2018). Teacher Perspectives on Technology Integration Professional Development: Formal, Informal, and Independent Learning Activities. *Journal of Educational Multimedia and Hypermedia*, 27(1), 83-102. Waynesville, NC USA: Association for the Advancement of Computing in Education (AACE).

\*Selected for Outstanding Paper Award at EdMedia 2017

\*Jones, M. & Dexter, S. (2016). Conceptualizing school-based teacher learning from teachers' points of view: Holistically leveraging formal, informal, and independent learning activities. *The Journal of Educational Multimedia and Hypermedia*, 25(3), 251-268.

\* Authors contributed equally to the manuscript

Jones, W.M. & Dexter, S. (2014). How teachers learn: The roles of formal, informal, and independent learning. *Educational Technology Review & Development* 62(3), 367-384. doi:10.1007/s11423-014-9337-6.

Dexter, S., Herring, M., & Thomas, T. (2012). Editorial: Implementing the teacher education initiative. *Contemporary Issues in Technology and Teacher Education*, 12(3). Retrieved from <http://www.citejournal.org/vol12/iss1/editorial/article1.cfm>

- Bull, G., George, M., Shoffner, M., Bolick, C., Lee, J., Anderson, J., Slykuis, D., Garofalo, J., Angotti, R., McKenna, M., West, E., Dexter, S., Herring, M., Hofer, M., and Brown, A. (2012). Editorial: Implementing the teacher education initiative. *Contemporary Issues in Technology and Teacher Education*, 12(2). Retrieved from <http://www.citejournal.org/vol12/iss1/editorial/article1.cfm>
- Vanderlinde, R., van Braak, J., Dexter, S. (2012). ICT policy planning in a context of curriculum reform: Disentanglement of ICT policy domains and artifacts. *Computers and Education* 58, 1339-1350.
- Tucker, P. D. & Dexter, S. (2012). *Online Leadership Cases: Instructional Tool for Developing Administrative Decision Making*. *Journal of Research on Leadership Education*, 6 (5) 250-271.
- Vanderlinde, R., Dexter, S., van Braak, J. (2011). School-based ICT policy plans in primary education: Components, typologies, and underlying processes. *British Journal of Educational Technology*. DOI: 10.1111/j.1467-8535.2011.01191.x
- Dexter, S. (2011). School technology leadership: Artifacts in a system of practice. *Journal of School Leadership*, 21, 166-189.
- Connor, C., Snell, M.E., Gansneder, B.M. & Dexter, S. (2010). Special education teachers' use of assistive technology with students who have severe disabilities. *Journal of Technology and Teacher Education*, 18, 369-386.
- Dexter, S. (2010). Intersections, Tensions, and Disconnections between E-Feedback Designs and Actual Uses. *International Journal of Continuing Engineering Education and Life-long Learning*, 20, 169-188.
- Dexter, S., Seashore Louis, K.R. & Anderson, R.E. (2009). The roles and practices of specialists in teamed instructional leadership. *Journal of School Leadership*, 19, 445-465
- Greenhow, C. Dexter, S. & Hughes, J. (2008). Teacher knowledge about technology integration: An examination of inservice and preservice teachers' instructional decision making. *Science Education International* (19), 9-25.
- Scharber, C., Dexter, S., & Riedel, E. (2008). *Students' experiences with an automated essay scorer*. *Journal of Technology, Learning, and Assessment*, 7, 1-45
- Dexter, S., Riedel, E., & Scharber, C. (2008). *ETIPS: Using cases with virtual schools to prepare for, extend, and deepen preservice teachers' field experiences*. *Journal of Computing in Teacher Education*, 24, 55-62.
- Dunleavy, M., Dexter, S., & Heinecke, W. (2007). What added value does a 1:1 student to laptop ratio bring to technology-supported teaching and learning? *Journal of Computer Assisted Learning*, 23, 440-452.
- Riedel, E., Dexter, S., Scharber, C. & Doering, A. (2006). Experimental evidence on the effectiveness of automated essay scoring in teacher education cases. *Journal of Educational Computing Research*, 35 (3), 267-287.
- Greenhow, C., Dexter, S. & Riedel, E. (2006). Evaluating web-based environments for teacher professional development on technology integration. *Journal for Computing in Teacher Education*, 23 (1), 21-27.
- Dexter, S., Doering, A., & Riedel, E. (2006). Content area specific technology integration: A

model and resources for educating teachers. *Journal of Technology and Teacher Education*, 14, 325-345.

Anderson, R. E., & Dexter, S. (2005). School technology leadership: Its incidence and impact. *Educational Administration Quarterly*, 41, 49-82.

Dexter, S., & Riedel, E. (2003). Why improving pre-service teacher educational technology preparation must go beyond the college's walls. *Journal of Teacher Education*, 54, 334-346.

Doering, A., Johnson, M.C., & Dexter, S. (2003). Using asynchronous discussion to support pre-service teachers' practicum experiences. *Tech Trends*, 47 (1), 52-55.

Dexter, S. (2002). Transcending digital, performance, and innovation divides in the preparation of new teachers. *On the Horizon*, 10(3), 16-21.

Dexter, S., Seashore, K. R., & Anderson, R. E. (2002). Contributions of professional community to exemplary use of ICT. *Journal of Computer Assisted Learning*, 18, 489-497.

Dexter, S., Anderson, R. E. & Ronnkvist, A. (2002). Quality technology support: What is it? Who has it? and What difference does it make? *Journal of Educational Computing Research*, 26 (3), 287-307.

Dexter, S. & LaMagdeleine, D. R. (2002). Dominance theater, slam-a-thon, and cargo cults: Three illustrations of how using conceptual metaphors in qualitative research works. *Qualitative Inquiry*, 8(3), 359-377.

Brown, R. & Dexter, S. (2002) E-mentors: Connecting caring adults and kids through e-mail. *Tech Trends*, 46(4), 60-63.

Dexter, S. (1999). Collective representations and educational technology as school reform (or, how not to produce a cargo cult). *Educational Technology & Society*, 4, 53-64.

Dexter, S., Anderson, R. E., & Becker, H. J. (1999). Teachers' views of computers as catalysts for changes in their teaching practice. *Journal of Research on Computing in Education*, 31 (3), 221-239.

### **Non-refereed Articles (3)**

Dexter, S. & Watts-Taffe, S.M. (2000). Idea processor: Planning for meaningful use of technology. *Leading and Learning with Technology*, 27(6), 22-27.

Dexter, S. (1999, Spring). Educational technology: A valuable support for standards-based science and mathematics education reform. *Research Practice*, 6 (2), 8-14.

Dexter, S. (1996). From entry level to proficient and exemplary: A design for staff technology development. *Technology Connection*, 3, 15-22.

### **Book Chapters (15)**

Dexter, S. (2018). The Role of Leadership for Information Technology in Education: Systems of Practices. In J. Voogt & G. Knezek (Eds.), *The second international handbook on information technology in primary and secondary education* (pp. 560-574). New York: Springer-Verlag.

Dexter, S. Richardson, J.W. & Nash, J. B. (2017). Leadership for Technology Use, Integration, and Innovation: A Review of the Empirical Research and Implications for Leadership Preparation. In M. Young G. Crow (Eds.) *Handbook of Research on the Education of School Leaders* (2nd edition). London: Routledge.

Dexter, S., Anderson Morgan, M., Jones, W.M. (2016). Trends in Types of and Goals for Technology Usage as Teachers Increase Their Technology Integration. In Liu, L., & Gibson, D. (Eds.) *Research Highlights in Technology and Teacher Education 2016* (pp.1203-1209). Chesapeake, VA: AACE

Dexter, S. (2009). Design principles for interactive learning environments with embedded formative assessments. In D. Gibson and K.B. Young (Eds.), *Digital simulations for improving education: Learning through artificial teaching environments* (pp. 157-170). Hershey, PA: IGI Global.

Dexter, S. (2008). Principles to guide the integration and implementation of educational technology. In L. Tomei (Ed.), *Online and distance learning: Concepts, methodologies, tools, and applications* (pp. 1-7). Hershey, PA: Information Science Reference.

Dexter, S. (2008). Leadership for IT in schools. In J. Voogt & G. Knezek (Eds.), *The international handbook on information technology in primary and secondary education* (pp. 543-554). New York: Springer-Verlag.

Anderson, R. & Dexter, S. (2008). United States trends in ICT. In T. Plomp, R.E. Anderson, N. Law, & A. Quale. (Eds.), *Cross-national information and communication technology policies and practices in education (2<sup>nd</sup> ed., pp. 697-713)*. Greenwich, CT, USA: Information Age Publishing.

Dexter, S. (2006). Educational theory into practice software. In D. Gibson, C. Aldrich, and M. Prensky (Eds.), *Education games and simulations in online learning: Research and development frameworks* (pp. 223-234). Hershey, PA: Idea Group Publishing.

Dexter, S. (2005). Principles to guide the integration and implementation of educational technology. In M. Khosrow-Pour (Ed.), *Encyclopedia of information science and technology* (pp. 1250-55). Hershey, PA: Idea Group Publishing.

Anderson, R. E. & Dexter, S. (2005). School-wide factors facilitating technology integration and implementation. In C. Howard, P. Rodgers, J. Boettcher, G. Berg, L. Justice, & K. Schenk (Eds.), *Encyclopedia of distance learning* (pp. 1596-1598). Hershey, PA: Idea Group Publishing.

Anderson, R. & Dexter, S. (2003). National policies and practices on ICT in education: United States. In T. Plomp, R.E. Anderson, N. Law, & A. Quale. (Eds.), *Cross-national information and communication technology policies and practices in education* (pp. 559-580). Greenwich, CT, USA: Information Age Publishing.

Dexter, S. (2002). eTIPS-Educational technology integration and implementation principles. In P. Rodgers (Ed.), *Designing instruction for technology-enhanced learning* (pp. 56-70). New York: Idea Group Publishing.

Dexter, S. & Watts-Taffe, S. (2001). Processing ideas: Move beyond work processing info critical thinking. In M. Gura and R. Reissman (Eds.), *Making literacy magic happen: The best of learning and leading with technology on language arts* (pp.69-74). Eugene, OR:ISTE.

Anderson, R. & Dexter, S. (2000). Information technology in U.S. education: Policies and practices. In H. Pelgrum & R. Anderson (Eds.), *ICT and the emerging paradigm for life long learning: A worldwide educational assessment of infrastructure, goals, and practices* (pp. 85-88). Amsterdam: IEA.

Dexter, S. (1998). Technology then uses, or uses, then technology? In Z.L. Berge, & M.P. Collins (Eds.), *Wired together: Computer-mediated communication in K-12, Vol. 1. Perspectives and instructional design* (pp. 61-69). Cresskill, NJ: Hampton Press.

## Proceedings (22)

\*Jones, M. & Dexter, S. (2017). Teacher Perspectives on Technology Integration Professional Development: Formal, Informal, and Independent Learning Activities. In J. Johnston (Ed.), *Proceedings of EdMedia: World Conference on Educational Media and Technology 2017* (pp. 566-577). Waynesville, NC: Association for the Advancement of Computing in Education (AACE).

\*Selected for Best Paper Award at EdMedia 2017

Jones, M. & Dexter, S. (2016). Conceptualizing school-based teacher learning from teachers' points of view: Holistically leveraging formal, informal, and independent learning activities. In *Proceedings of EdMedia: World Conference on Educational Media and Technology 2016* (pp. 952-962). Association for the Advancement of Computing in Education (AACE). <http://www.learntechlib.org/pv/173061>

Dexter, S., Barton, E., Anderson Morgan, M. & Meyer, J.P. (2016). Relative Uses, Impact, and Possibilities for Teachers' Uses of Formal, Informal, and Independent Learning to Integrate Technology. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 1195-1202). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE). <http://www.learntechlib.org/p/171841>

\*Dexter, S., Anderson Morgan, M., Jones, W.M. & Meyer, J.P. (2016). Trends in Types Of and Goals For Technology Usage As Teachers Increase Their Technology Integration. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 1203-1209). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE). <http://www.learntechlib.org/p/171842>

\*Selected for inclusion as a chapter in AACE's annual highlights in research book

Patel, Y., & Dexter, S. (2014). Using Multiple Representations to Build Conceptual Understanding in Science and Mathematics. In M. Searson & M.N. Ochoa (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference Vol. 2014, No. 1* (pp. 1304-1309). Chesapeake, VA: AACE. <http://www.learntechlib.org/p/130945>

Swartz, B., Patel, Y., Dexter, S. & Garofalo, J. (2013). Focusing the technology leadership: Key technologies to integrate into secondary math and science classrooms. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 4861-4869). Chesapeake, VA: AACE.

Hiltz, J. & Dexter, S. (2012). Principal Leadership and Instructional Technology Support Networks. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2012* (pp. 3361-3366). Chesapeake, VA: Association for the

Advancement of Computing in Education (AACE). <http://www.learntechlib.org/p/40107>

Dexter, S. (2008). Educational theory into practice software (ETIPS): The Learning Impact and Design of Digital Cases with Formative Assessment Features. In K. McFerrin et al. (Eds.), *Society for Information Technology and Teacher Education International Conference 2008* (pp. 50-57). Chesapeake, VA: AACE. [Online]. Available: <http://www.editlib.org/p/27129>.

Dexter, S., Gibson, D., Riedel, E. & Scharber, C. (2005). Intersections, tensions, and disconnections between designers' visions and users' realities. In C. Crawford et al. (Eds.), *Society for Information Technology and Teacher Education International Conference 2005* (pp. 2560-2563). Chesapeake, VA: AACE. Retrieved from <http://www.editlib.org/p/19476>.

Dexter, S., & Scharber, C. (2004). Connecting Theory and Practice Using Web-based Cases. In C. Crawford et al. (Eds.), *Society for Information Technology and Teacher Education International Conference 2004* (1), 1709-1710. Retrieved from <http://dl.aace.org/14569>.

Knapp, M., Kurowski, B., Dexter, S., Gibson, D., & McLaughlin, R. (2004). Grounded Metadata: Validating a semantic web vocabulary for technical assistance to educators. *World Conference on E-Learning in Corporate, Government, Health, & Higher Ed. 2004*(1), 2491-2498. Retrieved from <http://dl.aace.org/16805>

Dexter, S., & Knapp, M. (2004). An Ontology and A Semantic Web Application with Responsive Dissemination Features. *World Conference on Educational Multimedia, Hypermedia and Telecommunications 2004*(1), 37-43. Retrieved from <http://dl.aace.org/15373>

Knapp, M., Dexter, S. & McLaughlin, B. (2004). Metadata Co-Development: A Process Resulting in Metadata about Technical Assistance to Educators. *The Thirteenth International World Wide Web Conference*. Retrieved from <http://www.www2004.org/proceedings/docs/2p410.pdf>

Dexter, S. & Doering, A. (2003). Content area specific technology integration: A model and resources for educating teachers. In C. Crawford et al. (Eds.), *Society for Information Technology and Teacher Education International Conference 2003* (pp. 1740-1743). Chesapeake, VA: AACE. Retrieved from <http://www.editlib.org/p/18272>.

Scharber, C., & Dexter, S. (2003). eTIP Cases: Digital Learning and Assessment Tools for Teacher Education. In C. Crawford et al. (Eds.), *Society for Information Technology and Teacher Education International Conference 2003* (pp. 44-45). Retrieved from <http://dl.aace.org/11601>

Greenhow, C., Riedel, E., & Dexter, S. (2002). Evaluating Web-based Environments for Teacher Professional Development on Technology Integration. *Society for Information Technology and Teacher Education International Conference 2002* (pp. 1573-1577). Retrieved from <http://dl.aace.org/11186>

Dexter, S. & Doering, A. (2003). Content Area Specific Technology Integration: A Model and Resources for Educating Teachers. In C. Crawford et al. (Eds.), *Society for Information Technology and Teacher Education International Conference 2003* (pp.1740-1743). Retrieved from <http://www.editlib.org/p/18272>

Anderson, R., & Dexter, S. (2002). Portraits of Three Schools from the U.S.A. Exemplary Technology-Supported Schooling Case Studies Project. *Society for Information Technology and Teacher Education International Conference 2002* (pp. 2523-2524). Retrieved from

<http://dl.aace.org/11505>

Doering, A., Johnson, M., & Dexter, S. (2001). Impact of Asynchronous Discussion on a Preservice Teacher Education Practicum Experience. *Society for Information Technology and Teacher Education International Conference 2001* (pp. 2979-2981). Retrieved from <http://dl.aace.org/4134>

Dexter, S. (1998). Laptop word processors: A low budget alternative to desktop computers. In *The fifteenth international conference on technology and education proceedings* (pp. 495-497). Grand Prairie, TX: International Conference on Technology and Education

Dexter, S. (1998). Developing and using grounded metaphor in case studies . In J. Tallman (Ed.) *University of Georgia qualitative interest group 1998 proceedings*. Retrieved from [http://www.coe.uga.edu/quig/proceedings/Quig98\\_Proceedings/dexter.html](http://www.coe.uga.edu/quig/proceedings/Quig98_Proceedings/dexter.html)

Dexter, S. (1997). Taxonomies and myths: A case study of technology planning and implementation. In J. Willis, J. Price, S. McNeil, B. Robin, & D. Willis (Eds.), *Technology and teacher education annual, 1997: Proceedings of SITE 97* (pp. 1076-1080). Charlottesville, VA: Association for the Advancement of Computing in Education.

### **Grants and Their Related Reports (\$6,681,359 awarded)**

*CANLEAD: Strengthening School Leaders' Instructional Leadership Practice Through Developing Teachers' Abilities to Integrate Technology in Support of Student Learning*  
A proposal to the IES RFA Topic: Education Policy, Finance, Systems,  
Goal # 2: Development **Awarded 2011**  
\$ 1,731,359 competitive grant, sole author, PI.

*ETIPS Educational Leadership Cases: An Innovative Pedagogical Response to the Wide-spread Need for Educational Leadership Program Improvement*  
Fund for the Improvement of Post Secondary Education (FIPSE). **Awarded 2006**  
\$650,000 competitive grant, co-PI  
with Pamela Tucker (University of Virginia)

*CI-Team Demonstration: Towards a Culture of Computational Science*  
A proposal to the National Science Foundation. **Awarded 2006**  
\$250,000 competitive grant, co-PI  
with Andrew Grimshaw (Computer Science, University of Virginia).

*Ubiquitous Computing in K-12 Schools*  
NSF Grant from the office of Research, Evaluation, and Communication. **Awarded 2004**  
\$1 M competitive grant, contributor to proposal; \$100,000 sub-contractor to SRI  
with Walter Heinecke (University of Virginia).

#### Reports Related to this Grant:

Dexter, S. (2006). *Technology leadership practices that facilitate effective teacher learning environments*. Cross-cases analysis report from the Ubiquitous Computing Implementation Research project. Charlottesville, VA: University of Virginia. Published at



[http://edtechcases.info/analysis/tech\\_leadership.htm](http://edtechcases.info/analysis/tech_leadership.htm)

Dexter, S., Dunleavy, M., Heinecke, W. & Scot, T. (2005). Six case reports from the Ubiquitous Computing Implementation Research project. Charlottesville, VA: University of Virginia. Published at <http://edtechcases.info/cases/fulton.htm>

*eTIP Cases: IMMEX-Powered Cases on Educational Technology Integration and Implementation Principles*

A PT3 Catalyst Grant from the U.S. Department of Education.

**Awarded 2001**

\$2.1 M competitive grant, sole author of proposal. PI of Grant

*Exemplary Technology-supported-schooling Case Studies*

Office of Educational Research and Improvement, U.S. Department of Ed. **Awarded 2000**

\$450,000 competitive grant, contributor to proposal, co-director of grant with Ronald E. Anderson (University of Minnesota).

Reports Related to this Grant:

Anderson, R. E., & Dexter, S. (2004). *Report by the U.S.A. Exemplary Technology-Supported Schooling Case Studies Project to OERI*. Minneapolis, MN: University of Minnesota.

Dexter, S., Anderson, R. E., McGhee, R., Espinoza, C., Kozma, R., Korbak, C. & Jeanpierre, B. (2001). *Report by the U.S.A. Exemplary Technology-Supported Schooling Case Studies Project to the IEA Second International Technology in Education Study (SITES)*. Minneapolis, MN: University of Minnesota.

Dexter, S., Anderson, R. E., McGhee, R., Espinoza, C., Kozma, R., Korbak, C. & Jeanpierre, B. (2001). *Report by the U.S.A. Exemplary Technology-Supported Schooling Case Studies Project to the OECD/CERI programme on ICT and the quality of learning: Case studies of organisational change*. Minneapolis, MN: University of Minnesota.

*Ed-U-Tech: Preparing Tomorrow's Teachers to Teach with Technology*

A PT3 Implementation Grant from the U.S. Department of Education.

**Awarded 1999**

\$1.4 M competitive grant, sole author of proposal, PI of grant.

*CANLEAD: Strengthening School Leaders' Instructional Leadership Practices Through Developing Teachers' Abilities to Integrate Technology in Support of Student Learning*

Submitted 2018

\$7,039,89 grant, (\$4,593,326 from the feds, \$2,446,573 in cost-share and in-kind) competitive grant submitted to the Supporting Effective Educator Development (SEED) Program, U.S. Department of Education, sole author of proposal, PI of grant.

*USDA/NIFA Grant Title: EDPD: Hybrid Professional Learning Ecosystem To Support Continuous Improvement:*

Submitted 2016

\$1,207,335.00 competitive grant, lead author and PI. Not awarded.

*UCEA School Leadership Badges*

A proposal to the Digital Media + Learning Competition: Badges for Lifelong Learning competition, sponsored by the MacArthur Foundation Submitted 2011  
\$ 200,000 competitive grant, lead author. Not awarded.

*U.S. Participation in the IEA International Computer and Information Literacy Study.*  
A proposal to the NSF's DRL - Research & Evaluation on Education in Science Engineering. Submitted 2010  
\$1,449,816 competitive grant, sole author and PI. Not awarded.

*simSchool Leader: A Theory-to-Practice Simulation for Developing Leadership and An Innovative Pedagogical Response to the Widespread Need for Educational Leadership Program Improvement.*  
A proposal to the USDE's Fund for the Improvement of Post Secondary Education (FIPSE). Submitted 2010  
\$ 749,337 competitive grant, sole author and PI. Not awarded.

*Exploring CANLEAD as a Tool to Strengthen School Leaders' Leadership Content Knowledge and Teachers' Abilities to Integrate Technology in Support of Student Learning*  
A proposal to the NSF DR K12. Submitted 2010  
\$ 450,577 competitive grant, sole author and PI. Not awarded.

*Technology Integration and Leadership in American Schools: A National Survey with Cross-National Comparisons*  
A proposal to the National Science Foundation, and various foundations. Submitted 2005  
\$1.4M competitive grant, co-PI  
with Ronald E. Anderson (Sociology, University of Minnesota).  
NSF: not awarded; partially funded by foundations.

*Performance Assessment System for School Leadership Teams*  
A Proposal to the Wallace Foundation. Submitted 2005  
\$1.38 M invited proposal, co-PI  
with Pamela Tucker (University of Virginia). Finalist.

### **Papers Presented at National or International Professional Meetings (109)**

- Eddy Spicer, D., Dexter, S., & Tucker, P.T. (November, 2018). Powerful Learning, Powerful Leading: Program Coherence for Equity-oriented Leadership Preparation through Continuous Improvement. Critical conversation and Networking Session presented at the annual meeting of University Council or Educational Administration, Houston, TX.
- Dexter, S., & Clement, R.D. (November, 2018). In Search of Signature Pedagogies in 21st Century Educational Administration. Paper presented at the annual meeting of University Council or Educational Administration, Houston, TX.
- Dexter, S., & Barton E. (April, 2018). The Efficacy of an Intervention to Strengthen School Leaders' Instructional Leadership Practice. Paper presented at the annual meeting of American Educational Research Council, New York, New York.

- Barton, E.A & Dexter, S. (April, 2018). Teacher Participation in Leader- and Self-Directed Professional Learning: Contextual Leadership Influences. Poster presented at the annual meeting of American Educational Research Council, New York, New York.
- Dexter, S. (April, 2018). Technologies for Working Across Geographically Dispersed NIC Contexts. A poster session at the Carnegie Foundation Summit on Improvement in Education. San Francisco, CA.
- Dexter, S., & Richardson, J.W. (November, 2017). Leadership for Technology Integration: Systems of Practice. Paper presented at the annual meeting of University Council or Educational Administration, Denver, CO.
- Dexter, S. (November 2017). How and When Could You Use Educational Leadership Simulations? Special session presented at the annual meeting of University Council or Educational Administration, Denver, CO.
- Winn, K.W., Young, M.D., Sanzo, K., Eddy Spicer, D.H., Rodriguez, M.A., Crow, G., Gonzales, R., Cobb, C., Dexter, S., & Byrne-Jiménez, M. (November, 2017). Educational Leadership Faculty Learning Through Cross-Institutional Collaborative Groups. Paper presented at the annual meeting of University Council or Educational Administration, Denver, CO.
- Dexter, S., & Anderson Morgan, M., (April, 2017). A Multi-site Case Study of School Leadership Teams' Approaches to Improving Their Technology Leadership Practice. Paper presented at the annual meeting of American Educational Research Council, San Antonio, Texas.
- Barton, E., & Dexter, S., (April, 2017). Teacher Systems of Practice for Technology Integration Learning: Relationships among Formal, Informal, and Independent Learning. Paper presented at the annual meeting of American Educational Research Council, San Antonio, Texas.
- Dexter, S., & Richardson J.W. (November, 2016) Digital Simulation Cases and Games: UCEA Program Center for the Study of Technology and Leadership in Education (CASTLE). Innovative Session / Mini-Workshop presented at the annual meeting of University Council or Educational Administration, Detroit, MI.
- Dexter, S., Anderson Morgan, M.A., & Meyer, P. (April, 2016). Team-based instructional leadership for high-quality technology-supported math and science instruction. Paper presented at the annual meeting of American Educational Research Council, Washington, D.C.
- Anderson Morgan, M.A., Dexter, S., & Meyer, P.J. (April, 2016). Designing and refining the development of team-based instructional leadership practice. Paper presented at the annual meeting of American Educational Research Council, Washington, D.C.
- Dexter, S., Barton, E., Anderson Morgan, M. & Meyer, P.J. (March, 2016). Relative Uses, Impact, and Possibilities For Teachers' Uses of Formal, Informal, and Independent Learning to Integrate Technology. Paper presented at the Society for Information Technology and Teacher Education Conference, Savannah, GA.
- Dexter, S., Jones, W.M., Anderson Morgan, M. & Meyer, P.J. (March, 2016). Trends in Types of and Goals For Technology Usage As Teachers Increase Their Technology Integration. Paper presented at the Society for Information Technology and Teacher Education Conference, Savannah, GA.
- Dexter, S., & Anderson Morgan, M.A. (November, 2015). Measuring School Technology Leadership

- Practices. Paper presented at the annual meeting of University Council or Educational Administration, San Diego, CA.
- Dexter, S., Richardson, J.W., & Nash, J. B. (November, 2015). Technology and Leadership Preparation. In G. Crow (Chair), *The Handbook of Research on the Education of School Leaders: Research of the Features of Leadership Preparation*. Symposium conducted at the meeting of University Council or Educational Administration, San Diego, CA.
- Dexter, S., Richardson, J., Nash, J.B., Bathon, J., McLeod, S., & Sauers, N.J. (November, 2015). Leadership for Technology: A Review of Practices and a Research Agenda. Panel presentation at the annual meeting of University Council or Educational Administration, San Diego, CA.
- Dexter, S. (2015, November). Twitter School for Educational Leadership Scholars. A professional development session at the University Council of Educational Administration (UCEA), Pittsburgh, PA
- Dexter, S. (October, 2015). Team-based leadership for ICT integration into middle school math and science classrooms. Invited address to Netherlands Educational Technology Leaders delegation, Washington, D.C.
- Dexter, S., Anderson Morgan, M.A. & Hitt, D.H. (April, 2015). Developing Team-Based Instructional Leadership Practices. Paper presented at the annual meeting of American Educational Research Council, Chicago, IL.
- Dexter, S. (2014, November). Twitter School for Educational Leadership Scholars. A professional development session at the University Council of Educational Administration (UCEA), Pittsburgh, PA
- Dexter, S. (2014, November). Adult Development, Social Capital, Distributed Leadership, and Coaching in 21<sup>st</sup> Century Professional Learning Environments. In S. Dexter (chair) panel *Adult Development, Social Capital, Distributed Leadership, and Coaching in 21<sup>st</sup> Century Professional Learning Environments* at the University Council of Educational Administration (UCEA), Pittsburgh, PA
- Jones, W.M. (2014, April). *The Modes, Tools and Activities Science Teachers Use For Their Professional Learning of Technology Integration*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.
- Dexter, S. (2013, November). Boon or Bust: Technology and Adult Professional Learning In S. Dexter (chair) UCEA *Center for the Advanced Study of Technology Leadership in Education (CASTLE) Learning*. A symposium presented at the annual meeting of the University Council of Educational Administration (UCEA), Indianapolis, IN.
- Dexter, S. (2013, October). *Team-based leadership for instructional technology integration into middle school math and science classrooms*. Keynote speech at 2013 Global Technology Leadership and Instructional Technology Summit, Taipei, Taiwan.
- Dexter, S., (2013, July). *The relationship between and development of classroom- and school-level conditions that support teaching for 21st century skills*. Keynote speaker at ISATT 2013 Conference, the 16th Biennial Conference on Teachers and Teaching, Ghent, Belgium.
- Dexter, S. (2013, July). *The role of observation protocols in classroom-based research*. A pre-conference workshop for PhD students at ISATT 2013 Conference, the 16th Biennial Conference on Teachers and Teaching, Ghent, Belgium.

- Dexter, S., Hambrick Hitt, D. & Tucker, P. D. (2013, April). *Rendering educational administration students' knowledge of key leadership practices through digital practicum data*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Uguz, C., Jones, W.M. & Dexter, S. (2013, April). *Supporting math and science teachers' technology integration using proof of concept online professional development software*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Ritt, H. & Dexter, S. (2012, April). An Investigation of the Relationship Between School-Based Technology Leadership Practices and Teacher Technology Integration Knowledge and Practices. In R. Vanderlinde (chair) *Technology Leadership for Successful Technology Integration in Education: In-Depth Studies Throughout the World*. A symposium presented at the annual meeting of the American Educational Research Association, Vancouver, Canada.
- Ritt, H. & Dexter, S. (2012, April). *Content-specific instructional technology support: Processes and perceptions*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, Canada.
- Jones, W.M. & Dexter, S. (2012, April). *Supporting Teacher Learning for Technology Integration: A Holistic View*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, Canada.
- Hiltz, J. & Dexter, S. (2012, March). *Principal Leadership and Instructional Technology Support Networks*. Paper presented at the Society for Information Technology and Teacher Education International Conference, Austin, TX.
- Tucker, P.D., Dexter, S., & Hitt, D. (2011, November). ETIPS leadership cases: An innovative instructional tools for developing school leaders. In M. Millitello & J. Friend (chairs) *Instructional Technology for the Preparation of Principals*. A symposium presented at the University Council of Educational Administration (UCEA), Pittsburgh, PA
- Dexter, S., Tucker, P.D. & Hitt, D. (2011, November). *Rendering Educational Administration Students' Knowledge of Key Leadership Practices Through Digital Practicum Data*. A paper presented at the University Council of Educational Administration (UCEA), Pittsburgh, PA
- Vanderlinde, R., Dexter, S. & van Braak, J. (2011, September). Getting inside the 'school level' black box: Content analysis research on ICT policy plans in primary education. In J. Tondeur (chair) *Getting inside the black box: In-depth studies of ICT integration in education*. A symposium presented at the annual meeting of the European Conference on Educational Research, Berlin, Germany.
- Vanderlinde, R., van Braak, J., & Dexter, S. (2011, April). School-based ICT policy planning: Case study research in Flemish primary schools. A paper presented at the Computers Assisted Learning Conference (CAL), Manchester, UK.
- Dexter, S., Tucker, P.D. & Peugh, J. (2011, April). *Developing school leaders' skills through digital practicum experiences*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Vanderlinde, R., van Braak, J., & Dexter, S. (2010, December). Werken aan lokaal ICT-beleid: Schoolconfiguraties op basis van een mixed method case study onderzoek [Developing school-based ICT policy: School configurations from a mixed method case study research]. Paper presented at the Vlaams Forum voor Onderwijsonderzoek [Flemish Educational Research

Association], Brussels, Belgium.

- Dexter, S. & Tucker, P. D. (2010, October). The Curry School of Education's applied research sequence. In D. Archbald (chair) *The dissertation disconnect: How new thesis designs connect the professional with practice*. A symposium presented at the annual meeting of the University Council for Educational Administration, New Orleans, LA.
- Dexter, S. & Tucker, P. D. (2010, October). *Faculty Change in implementing case methods of instruction: Implications for a signature pedagogy*. Paper presented at the annual meeting of the University Council for Educational Administration, New Orleans, LA.
- Tucker, P.D. & Dexter, S. (2010, May). *Use of online cases to develop administrative decision making*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Scott, A.V., Tucker, P.D. & Dexter, S. (2010, May). *Pre-service administrators' problem-framing ability: Seeing the elephant as part or whole*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Dexter, S. (2009, November). *Fireside Chat: Sage Advice on Building a Research Agenda: Reflections from the 2009 Jack A. Culbertson and Jay D. Scribner Mentoring Award Winners*. Invited address at the University Council for Educational Administration, at its 2009 annual meeting, Pasadena, CA.
- Dexter, S. (2009, November). *Special Session: An Evening with the Scholars*. Invited address at the University Council for Educational Administration, at its 2009 annual meeting, Pasadena, CA.
- Dexter, S. & Tucker, P. D. (2009, November). *Online leadership cases which develop administrative decision making*. Invited address to the Plenum of the University Council for Educational Administration, at its 2009 annual meeting, Pasadena, CA.
- Dexter, S. & Tucker, P. D. (2009, November). *Measuring principals' decision making knowledge and skills through cases*. In J. Huff (chair) *Investigating School Leaders' Expertise Using Interactive Methodologies*, symposium at the annual meeting of the University Council for Educational Administration, Pasadena, CA.
- Dexter, S. (2009, November). *How leadership teams members' roles and responsibilities influence teachers' learning environments and perceptions of school leadership and initiatives*. Paper presented at the annual meeting of the University Council for Educational Administration, Pasadena, CA.
- Tucker, P. D., Dexter, S. & Scott, A.V. (2009, November). *Improving leadership preparation programs' theory to practice linkages*. Paper presented at the annual meeting of the University Council for Educational Administration, Pasadena, CA.
- Dexter, S. & Tucker, P. D. (2009, November). *Online Leadership Cases to Support the Development of Administrative Decision Making*. Workshop presented at the annual meeting of the University Council for Educational Administration, Pasadena, CA.
- Dexter, S. & Tucker, P. D. (2009, March). *The impact of instructors' case methods of instruction on students' learning experiences with cases*. Poster presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Tucker, P. D. & Dexter, S. (2009, March). *Online Leadership Cases: Instructional Tool for Developing*

- Administrative Decision Making*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Albaugh, S., Dexter, S. & Tucker, P. D. (2009, March). *Designing Online Cases as an Effective Learning Environment*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Dexter, S. & Tucker, P.D. (2008, October). *The Challenges and Implications of Case Methods of Instruction as a Signature Pedagogy*. Paper presented at the annual meeting of the University Council for Educational Administration, Washington D.C.
- Tucker, P.D. & Dexter, S. (2008, October). *Effectiveness of ETIPS Cases as an Innovative Instructional Tool for Leadership Preparation*. Paper presented at the annual meeting of the University Council for Educational Administration, Washington D.C..
- Dexter, S. (2008, March). ETIPS. In S. Dexter (Chair) *Knowledge Application: Examples from Cases, Simulations, and Handhelds* at the annual meeting of the American Educational Research Association, New York, New York.
- Tucker, P. D & Dexter, S., (2008, March). *Interactive educational leadership cases: An innovative pedagogical tool to develop procedural and contextual knowledge*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
- Dexter, S. (2008, March). Educational Theory into Practice Software (ETIPS): The Learning Impact and Design of Digital Cases with Formative Assessment Features. Paper presented at the Society for Information Technology and Teacher Education International Conference, Las Vegas, NV.
- Dexter, S. & Tucker, P.D. (2007, November). *ETIPS Leadership Cases*. Paper presented at the annual meeting of the University Council for Educational Administration, Washington D.C.
- Dexter, S. (2007, April). Distributed Leadership for Educational Technology: Leadership Team Models From Five Laptop Initiatives. Paper presented at the annual meeting of the American Educational Research Association, Chicago, Illinois.
- Dexter, S. (2006, November). Distributed Leadership Practices that Facilitate Effective Teacher Learning Environments. Paper presented at the annual meeting of the University Council for Educational Administration, San Antonio, Texas.
- Dexter, S., Riedel, E. & Scharber, C. (2006, April). ETIPS: Using Cases to Extend and Deepen Students Field Experiences with Technology. In B. Tally (Chair) *Technology Learning and the Field Experience: Getting Candidates from Preparation to Practice* symposium for the annual meeting of the American Educational Research Association, San Diego, California.
- Dexter, S. (2005, October). *Educational Technology Integration and Implementation Principles*. Invited address to the annual meeting of the National Science Teachers Association meeting, Hartford, Connecticut.
- Dexter, S. (2005, April). *Technology Leadership Practices*. Paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.
- Scharber, C., Dexter, S., & Riedel, E. (2005, April). *Formative feedback via an automated essay scorer: Its impact on learners*. Paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.

- Riedel, E., Dexter, S., Scharber, C. & Doering, A. (2005, April). *Experimental evidence on the effectiveness of automated essay scoring in teacher education cases*. Paper presented at the annual meeting of the *American Educational Research Association*, Montreal, Canada.
- Dexter, S., Gibson, D. Riedel, E., & Scharber, C. & (2005, March). *Intersections, Tensions, and Disconnections between Designers' Visions and Users' Realities*. Paper presented at the sixteenth international conference of the *Society for Information Technology and Teacher Education*, Phoenix, Arizona.
- Dexter, S. (2005, February). Discovering and assessing teacher's instructional decision-making with online cases. In D. Gibson (Chair) *Playing to Learn: Creating, Practicing and Assessing Preservice Work Samples Through Online Cases and Simulations for Preservice Students* symposium for the annual meeting of the American Association of Colleges of Teacher Education, Washington, D.C.
- Gibson, D. & Dexter, S. (2004, November). *Grounded metadata*. Paper presented at the annual E-Learn conference in Washington, D.C.
- Knapp, M.B., Kurowski, B., Dexter, S., Gibson, D., & McLaughlin, R. (2004, May) *Metadata co-development: A process resulting in metadata about technical assistance to educators*. Poster session at the thirteenth World Wide Web Conference in New York City, New York.
- Dexter, S. & Greenhow, C. (2004, April). *Expert teachers' technology integration knowledge and skills*. Paper presented at the annual meeting of the *American Educational Research Association*, San Diego, California.
- Riedel, E., Scharber, C. & Dexter, S. (2004, April). *Online simulations as a strategy for instruction on technology integration*. Paper session for the annual meeting of the *American Educational Research Association*, San Diego, California
- Dexter, S., Riedel, E. & Doering, A. (2004, April). *Content area specific technology integration: A model for educating teachers* Paper session for the annual meeting of the American Educational Research Association, San Diego, California.
- Dexter, S., Riedel, E. & Doering, A. (2004, April). *K-12 in-service teachers as technology mentors to teacher education faculty*. Paper session for the annual meeting of the *American Educational Research Association*, San Diego, California
- Dexter, S. (2004, March). *Connecting theory and practice using Web-based cases*. Poster session for the fifteenth international conference of the *Society for Information Technology and Teacher Education*, Atlanta, Georgia
- Scharber, C. & Dexter, S. (2004, March). *Automated essay score predictions as a formative assessment tool*. Paper presented at the fifteenth international conference of the *Society for Information Technology and Teacher Education*, Atlanta, Georgia.
- Dexter, S., & Riedel, E., Greenhow, C. & White, M.J. (2003, April). *Pre-service teacher's decision-making processes about technology integration*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, Illinois.
- Dexter, S., & Riedel, E. (2003, April). *Why improving preservice teacher educational technology preparation must go beyond the college's walls*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, Illinois.



- Dexter, S., & Anderson, R. E. (2003, April). *Leadership in exemplary pedagogically-innovative technology-supported schools*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, Illinois.
- Stevens, R., & Dexter, S. (2003, April). **Developing teachers' decision-making strategies for effective technology integration**. In M. McNabb (Chair) *PT3 National Initiatives: Facilitating Change in Assessment and Accountability for 21<sup>st</sup> Century Teacher Quality*. Symposium conducted at the annual meeting of the American Educational Research Association, Chicago, Illinois.
- Greenhow, C., Dexter, S., & Hughes, J. (2003, April). *On the road to a professional community: Comparing the decision-making processes of pre-service and in-service teachers about technology integration using internet-based simulations*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, Illinois
- Doering, A. & Dexter, S., (2003, March). *Content area specific technology integration: A model and resources for educating teachers*. Paper presented at the fourteenth international conference of the Society for Information Technology and Teacher Education, Albuquerque, New Mexico
- Dexter, S. (2003 March). The promise of network-based assessment for pre-service teacher education. In D. Gibson (Chair) *Network-based assessment in education: Emerging technologies and methods*. Symposium conducted at the fourteenth international conference of the Society for Information Technology and Teacher Education, Albuquerque, New Mexico
- Dexter, S., Greenhow, C. & Riedel, E. (2002 July). *Instructional tools for teaching technology integration instructional decision-making: IMMEX-powered online cases*. Paper presented at the third annual U.S. Department of Education's Preparing Tomorrow's Teachers to Use Technology Grantee's Meeting. Washington, DC.
- Dexter, S. & Riedel, E. (2002 June) *Adding value to performance assessments with search path data*. Paper presented at the twenty-third annual National Educational Computing Conference, San Antonio, Texas.
- Dexter, S. & Anderson, R. E. (2002 April). U.S.A.: A model of implementation effectiveness. In R.E. Anderson (Chair) *Leading-Edge, Technology-Supported Teaching Practices Around the World*. Symposium conducted at annual meeting of the American Educational Research Association, New Orleans, Louisiana.
- Dexter, S. Greenhow, C., & Riedel, E. (2002 March). *Evaluating Web-based environments for teacher professional development on technology integration*. Paper session for the thirteenth international conference of the Society for Information Technology and Teacher Education, Nashville, Tennessee.
- Dexter, S. & Anderson, R.E. (2002 March). Portraits of exemplary technology supported schools. Video session for the thirteenth international conference of the Society for Information Technology and Teacher Education, Nashville, Tennessee.
- Dexter, S. & Greenhow, C. (2002 February). Learning Technology Integration and Performance Assessment with Online Decision-making Software (IMMEX). Paper session for the annual meeting of the American Association of Colleges for Teacher Education, New York, New York.
- Dexter, S. & Stevens, R. (2001 April) *Using software-based problem-solving scenarios to teach*

- technology integration skills to preservice teachers*. Paper presented at the annual meeting of the American Educational Research Association, Seattle, Washington.
- Dexter, S. & Seashore Louis, K.R. (2001 April). The role of professional community and the learning organization. In R.E. Anderson (Chair), *Pushing the boundaries of technology in American classrooms*. Symposium conducted at annual meeting of the American Educational Research Association, Seattle, Washington
- Doering, A., Johnson, M. & Dexter, S. (2001, March). *Impact of asynchronous discussion on a preservice teacher education practicum experience*. Paper presented at SITE 2001: The twelfth international conference of the Society for Information Technology and Teacher Education, Orlando, Florida.
- Dexter, S., Guttschow, G., & Brown, R. (2000, November). *The development and use of a rubric to evaluate the nature of technology integration in teacher education programs*. Paper presented at the annual meeting of the American Evaluation Association, Honolulu, Hawaii.
- Anderson, R., Dexter, S., & Ronnkvist, A. (2000, June). Technology use by teachers in technology-rich schools. In H.J. Becker (Chair), *Profiles of four groups of leading-edge computer-using teachers*. Symposium conducted at the annual National Education Computing Conference, Atlanta, Georgia.
- Dexter, S., Ronnkvist, A., & Anderson, R. E. (2000, April). *Is what they want what they get?: Factors influencing teachers' satisfaction with technology support*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, Louisiana.
- Dexter, S., & LaMagdeleine, D. R. (2000, April). *Developing and using grounded conceptual metaphors in case study research: Their impact on process and product*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, Louisiana.
- Ronnkvist, A., Dexter, S., & Anderson, R. E. (2000, April). *Support for technology and teachers' use of computers*. Poster session for the annual meeting of the American Educational Research Association, New Orleans, Louisiana.
- Johnson, M., Dexter, S., Palacio-Cayetano, J., & Stevens, R. (2000, February). *Developing software-based problem-solving scenarios to teach technology integration skills to preservice teachers*. Paper presented at SITE 2000: The eleventh international conference of the Society for Information Technology and Teacher Education, San Diego, California.
- Dexter, S. (1999, June). Technology coordination, support, and staff development and teachers' uses of technology: How much of an impact do formal support mechanisms have on teachers' use of computers? In H.J. Becker (Chair), *The national survey of teachers' technology use and instructional reforms*. Symposium conducted at the annual National Education Computing Conference, Atlantic City, New Jersey.
- Dexter, S. (1999, April). *Cargo cult or systemic reform?: The impact of leadership during the implementation of technologically-focused innovations*. Paper presented at annual meeting of the American Educational Research Association, Montreal, Canada.
- Dexter, S., Johnson, M., Johnson, T., Avery, P., & Palmer, L., (1999, April). *Multiple perspectives on implementing an instructional innovation in preservice teacher education: A case of incorporating technology integration skills into a social studies licensure program*. Paper presented at annual meeting of the American Educational Research Association, Montreal,

Canada.

- Dexter, S. (1999, April). Staff development and school support for computer and network use. In H.J. Becker (Chair), *Teaching, learning, and computing: descriptive and analytic results from the 1998 national survey*. Symposium conducted at the annual meeting of the American Educational Research Association, Montreal, Canada.
- Dexter, S. (1998, November). *Teachers' views on the influence of computers on changes in their instructional practice: Implications for evaluation*. Paper presented at the annual meeting of the American Evaluation Association, Chicago, Illinois.
- Dexter, S., & Anderson, R. (1998, April). Teachers' views on the influence of computers on changes in their instructional practice. In M. Riel (Chair), *Educational technology for school reform: Ways to win and ways to lose*. Symposium conducted at the annual meeting of the American Educational Research Association, San Diego, California.
- Dexter, S. (1998, March). *Laptop word processors: A low budget alternative to desktop computers*. Paper presented at the annual International Conference on Technology and Education, Santa Fe, New Mexico.
- Dexter, S. (1998, January). *Developing and using grounded metaphor in case studies*. Paper presented at the annual Conference on Qualitative Research in Education, University of Georgia, Athens, Georgia.
- Dexter, S. (1997, April). *Taxonomies and myths: A case study of technology planning and implementation*. Paper presented at SITE 97: The eighth international conference of the Society for Information Technology and Teacher Education, Orlando, Florida.
- Dexter, S. (1997, March). *The technology taxonomy of one school district: A case study*. Paper presented at annual Ethnography in Education Research Forum, University of Pennsylvania, Philadelphia, Pennsylvania.

### **Presentations at Regional Conferences (20)**

- Dexter, S. (2007, December). *Principles for Effective Educational Technology Integration and Implementation*. Educational Technology Leaders Conference, Roanoke, Virginia.
- Dexter, S. (2006, December). *Principles for Effective Educational Technology Integration and Implementation*. Educational Technology Leaders Conference, Roanoke, Virginia.
- Dexter, S. (2005, September). *Educational Theory into Practice Software (ETIPS): The Design and Impact on Learning of Digital Cases*. The Curry Risk and Prevention Speaker Series, Curry School of Education, University of Virginia.
- Dexter, S. & Greenhow, C. (2003 March). *eTIP Cases: Using and implementing online case-based technology integration materials*. Presentation at the Education Technology conference sponsored by ArtsConnectedEd and the University of Minnesota, Minneapolis, Minnesota.
- Doering, A. & Dexter, S. (2003 March). *Content area specific technology integration: A model and resources for educating teachers*. Presentation at the Education Technology conference sponsored by ArtsConnectedEd and the University of Minnesota, Minneapolis, Minnesota.
- Dexter, S. & Anderson R.E. (2003 March). *Preparing new teachers for schools where technology*

- improves learning: Video cases from a national study.* Presentation at the Education Technology conference sponsored by ArtsConnectedEd and the University of Minnesota, Minneapolis, Minnesota.
- Dexter, S. & Anderson, R.E. (2001 November). *Portraits of exemplary technology supported schools.* Invited paper for *What the Research Says...Technology and Student Success Workshop*, sponsored by Augsburg College, Minneapolis, Minnesota.
- Dexter, S. & Doering, A. (2000, November). *eTIPs: Educational technology integration principles.* Presentation for TIES annual Great Technology Get Together, Minneapolis, Minnesota.
- Dexter, S. (2000, November). *Case-based technology integration decision making software.* Presentation for TIES annual Great Technology Get Together, Minneapolis, Minnesota.
- LaMagdeleine, D. R. & Dexter, S., (2000, June). *Conceptual metaphor use.* Presentation at annual Midwest Qualitative Research Conference, St. Paul, Minnesota.
- Dexter, S. (1999, November). *Implications for technology professional developers from a national survey of computer technology and instructional reform.* Presentation for TIES annual Great Technology Get Together, Minneapolis, Minnesota.
- Dexter, S. (1998, June). *Advantages and limitations to conducting research inside your own institution.* Presentation at annual Midwest Qualitative Research Conference, St. Paul, Minnesota.
- Dexter, S. (1997, December). *Got mindware? What you need to go with that software and hardware.* Presentation at TIES annual Great Technology Get Together, Minneapolis, Minnesota.
- Dexter, S. (1997, June). *Responding to context: The evolutionary nature of qualitative research.* Presentation at annual Midwest Qualitative Research conference, St. Paul, Minnesota.
- Dexter, S. (1997, May). *Students of the future: Minnesota K-12 perspective.* Presentation at Classrooms of the Future III conference, Hamline University, St. Paul, Minnesota.
- Dexter, S. (1997, February). *Increasing student's writing opportunities with laptop word processors.* Presentation at annual Midwest Education and Technology Conference, St. Louis, Missouri.
- Dexter, S. (1996, December). *Integrating technology: A framework for planning staff development.* Presentation at TIES annual Great Technology Get Together, Minneapolis, Minnesota.
- Dexter, S. (1996, June). *Accessing data: The Internet as a research tool.* Presentation at annual Midwest Qualitative Research Conference, St. Paul, Minnesota.
- Dexter, S. (1996, June). *Through a different lens: Film making as qualitative research.* Convener and facilitator of presentation at annual Midwest Qualitative Research Conference. St. Paul, Minnesota.
- Dexter, S. (1995, March). *Classified technology: The technology taxonomy of one school district.* Presentation at annual Midwest Qualitative Research Conference, University of St. Thomas, St. Paul, Minnesota.

### **Other Scholarly Activities: Monographs (4)**

- Anderson, R. E. & Dexter, S. (2001). *School technology leadership: Incidence and impact on: Teaching, learning, and computing 1998 survey, report # 6.* Irvine, CA: Center for Research on

Information, Technology, and Organizations at University of California, Irvine. Published at [http://www.crito.uci.edu/tlc/findings/report\\_6/](http://www.crito.uci.edu/tlc/findings/report_6/)

Ronkvist, A., Dexter, S., & Anderson, R. (2000). *Technology support: Its depth, breadth, and impact on America's schools: Teaching, learning, and computing 1998 survey, report # 5*. Irvine, CA: Center for Research on Information, Technology, and Organizations at University of California, Irvine. Published at <http://www.crito.uci.edu/tlc/findings/technology-support/>

Anderson, R. & Dexter, S. (1999). *Research designs for studying exemplary uses of technology in context*. Minneapolis, MN: P-SITES Project, University of Minnesota.

Dexter, S. (1998). *Conceptualizing context in a qualitative research design*. Minneapolis, MN: P-SITES project, University of Minnesota.

### **Other Scholarly Activities: Software and Major Web Sites (5)**

*CANLEAD.net*, a web-based application for leaders and teachers to promote team-based instructional leadership for the use of technology integration  
at <http://learn.canlead.net>

*ETIPS Software*, a web-based application for student and instructor use of case-based learning environments  
at <http://etips.info> for Educational Leadership Cases and Teacher Education Cases

*Educational Technology Leaders*, a course management system that houses the 12 credits of course work I developed for a certificate in technology leadership, and with which I supported teaching of my face-to-face classes and teach completely online courses.

*Ubiquitous Computing Implementation Research*, a dissemination strategy for this project's conceptual framework and instruments, 5 case studies and 3 cross-case analysis papers,  
at [http://edtechcases.info/ubiq\\_home.htm](http://edtechcases.info/ubiq_home.htm)

*Exemplary Technology-supported Schooling Cases in the USA*, a dissemination strategy for this project's 9 cross-case analysis papers, and 11 case studies of schools--5 of which include streaming videos and video transcripts,  
at [http://edtechcases.info/exemp\\_home.htm](http://edtechcases.info/exemp_home.htm)

## **Teaching and Service at The University of Virginia**

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### **Teaching (Note: I developed all of these courses)**

EdD program: *Foundations of Educational Leadership (EDLF 8820, 3 cr.)*  
Taught Summer 2017, 2019

EdD program: *Research Seminar for Capstone Proposal Development (EDLF 9000, 3 cr.)*  
Taught Summer 2017, 2019

EdD program: *Cognitive Dimensions of Leadership (EDLF 5500, 3 cr.)*  
Taught Summer 2011, 2013, 2015

M.Ed. Program: *Leadership for EdTech (EDLF 7810, 3 cr.)*

Taught Fall 2004; Spring 2004, 2005, 2006, 2011, 2012, 2014, 2016; 2017  
 Summer 2006, 2007, 2008, 2009, 2010, 2011, 2013, 2015, 2016, 2017, 2018

M.Ed. Program: *Facilitating and Supervising Technology Integration (EDLF 589, 1 cr.)*  
 Taught Spring 2006, Fall 2006, 2007, 2008,

M.Ed. Program: *Technology Support and Professional Development (EDLF 589, 1 cr.)*  
 Taught Spring 2006, Fall 2006, 2007, 2008

M.Ed. Program: *Data-Driven Decision Making (EDLF 589, 1 cr.)*  
 Taught Fall 2006, 2007, 2008

M.Ed. Program: *Envisioning and Evaluating Technology Integration (EDLF 589, 1 cr.)*  
 Taught Spring 2006, 2007, 2008, 2009

M.Ed. Program: *School Technology Planning and Funding (EDLF 589, 1 cr.)*  
 Taught Spring 2007, 2008, 2009

M.Ed. Program: *Technology Policies: Legal, Ethical, and Safety Issues (EDLF 589, 1 cr.)*  
 Taught Spring 2007, 2008, 2009

M.Ed. Program: *Capstone Course (EDLF 589, 3 cr.)*  
 Taught Spring 2008, Summer 2008

### **Committee Service**

*University Council on Instructional Technology (UCIT)*, member 2007 to present.

*K-12 Advisory Council SCOPE Curriculum Redesign Committee*, Curry School of Education:  
 2016-17, Member

*Leadership for Academic Matters*, faculty board member 2016 to 2017

*Faculty Council*, Curry School of Education: 2009 to 2011, Member; 2014-16, Chair Elect and  
 Chair

*Educational Leadership Search Committee for non-tenured faculty*, Chair, 2018

*Educational Leadership Search Committee for tenure-track faculty*, member, 2013-14

*Social Foundations Search Committee for tenure-track and non-tenure track (two) positions*,  
 member, 2012-13

*Instructional Technology Search Committee for non-tenured faculty*, member, 2012-13

*Third-year Review Committee*, Curry School of Education: 2011, Lee; 2014, Kennedy

*Search Committee*, Curry School of Education: 2010-2011, PLE research director; 2011-2012,  
 CTO for ETO

*University Task Force on Distance Learning*, chair 2009-2010.

*Collab Advisors*, University of Virginia, member 2008 to 2011.

*EdD Redesign Committee*, Curry School of Education, member 2008-09.

*Capstone Committee*, Curry School of Education, member 2008-09.

*Capstone Manual*, Curry School of Education, lead author 2011.

*Technology Advisory Group*, Curry School of Education, member 2004 to 2008, 2011 to present.

*Partners for Leaders in Education (PLE)*, Curry School of Education, faculty consultative group for Curry's participation, Spring 2009.

*Center for Technology and Teacher Leadership*, Curry School of Education, member 2004 to 2010.

*University's Task Force on IT Infrastructure Supporting Research*, member 2005 to 2007.

## **Service to the Profession**

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### **University Council of Educational Administration (UCEA)**

*Senior Associate Director*  
2016 to present

*Plenum Representative for the University of Virginia*  
2013, 2014, 2015, 2016

*Ad Hoc Technology Committee*  
Co-chair 2013-2014

### ***Educational Administration Quarterly***

Editorial Board Member, 2011 to present.

### ***International Handbook of Technology in Education***

Section Editor for *The Role of IT Leadership in Schools*, 2016 to 2017. Published by Verlag Springer in 2018.

Section Editor for *IT in Schools*, 2006 to 2007. Published by Verlag Springer in 2008.

### **EDUsummIT**

Invited participant, 2009, 2011, 2013, 2015, 2017

### **American Educational Research Association (AERA)**

*Technology Committee*  
Chair, 2012-2014  
Chair-elect, 2011-2012

*Division C, Section 7 Technology Research*  
Program Co-chair, 2011

*Computer and Internet Applications in Education SIG*  
Chair, 2003, 2004, 2005, 2007, 2010  
Program Chair, 2001, 2002, 2006, 2008  
Secretary, 2009

***Journal of School Leadership***

Review Board Member, 2011 to 2013.

***Journal of Computing in Teacher Education***

Editorial Review Board, 2001 to 2010.

***Journal of Research on Technology in Education***

Editorial Review Board, 2009 to 2014.

**Various Manuscript Reviews**

*Journal of Educational Administration*, 2013, 2015, 2017, 2018

*Journal of School Leadership*, 2009, 2010, 2011, 2012, 2013, 2014, 2016

*Journal of Cases in Educational Leadership*, 2010

*Journal of Research on Technology in Education*, 2009

*Journal of Computer Assisted Learning*, 2006

*Journal of Teacher Education*, 2006, 2010

*Corwin Press*, 2005

*Qualitative Inquiry*, 2000

*Prentice-Hall*, 1999

*American Educational Research Journal*, 1998

**Various Reviews**

*Leaders in Learning Awards* program for Cable in the Classroom, 2006

*Problem-based Learning Online* website interface review ([www.pbl-online.org](http://www.pbl-online.org)), for the Buck Institute, 2006

*Catalyst Grant Proposals to Preparing Tomorrow's Teachers to Use Technology* grant program, U.S. Department of Education, February 2000.

*Technology Instructional Transformation through Technology*, Minnesota Department of Children, Families and Learning: laptop component, June 1997; early childhood component, November 1997; site-based component, February 1998.

**Consultant**

*George Lucas Education Foundation*, Faculty Associate 2004-2006

*State Educational Technology Director's Association's (SETDA)*, Using Data in School Reform Committee, October 2005 – June 2006

*Bermuda Union of Teachers*, November 2006

*Center for Implementing Technology in Education (CITEd)*, regarding research design. American Institutes for Research (AIR), Washington DC. September 2006



## Awards

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*Visiting Scholar, 2013, University of Ghent, Ghent, Belgium*

These competitive awards provide a stipend for research-intensive scholars to travel to the University of Ghent to work with members of its Institute for Pedagogical Sciences.

*Jack A. Culbertson Award, 2009, from the University Council for Educational Administration*

The award is presented annually to an outstanding junior professor of educational administration in recognition of his/her contributions to the field. Criteria used in selecting the outstanding contribution are innovativeness, originality, generalizability, potential impact, relation to UCEA goals, significance with respect to the training mission at the individual's institution, degree of effort required to produce the contribution, and extent of support for the effort provided by the candidate's employing institution.