

CURRICULUM VITAE

Kevin Smith

Instructor of Math Education
1743 Overlook Ridge Road
Brookings, SD 57006
605-695-5339
ksmith@yourrun.com

Education

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| Ed.D., University of Memphis, Memphis, TN <i>Instructional Design & Technology (IDT)</i> <i>Named the 2017 IDT Doctoral Student of the Year</i> | 2017 |
| M.Ed., University of Nebraska, Lincoln, NE <i>Instructional Technology</i> | 1999 |
| B.S.Ed., Dakota State University, Madison, SD <i>Mathematics Education</i> | 1993 |

Experience

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| Instructor, Mathematics Education <i>Dakota State University, College of Education</i> | 2013 - present |
| Learning Technologist, Consultant <i>Federal Reserve Bank of St. Louis, Economic Education</i> | 2013 - present |
| Learning Technologist <i>Federal Reserve Bank of St. Louis, Center for Learning Innovation</i> | 2012 - 2013 |
| Senior Director, Instructional Technology <i>Council for Economic Education, New York, NY</i> | 2010 - 2012 |
| Curriculum & Instructional Designer <i>Council for Economic Education, New York, NY</i> | 2001 - 2010 |
| Lead Web Designer <i>Acton Marketing, Lincoln, NE Ltd., Lincoln, NE</i> | 1999 - 2001 |

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| Lead Instructional Designer <i>University of Nebraska, Lincoln, NE</i> | 1998 - 1999 |
| Instructional Design Specialist <i>University of Nebraska, Lincoln, NE</i> | 1998 |
| Instructional Designer <i>University of Nebraska, Lincoln, NE</i> | 1997 - 1998 |
| Mathematics Department Chair <i>Columbus Public Schools, Columbus, NE</i> | 1995 - 1996 |
| Secondary Mathematics Teacher <i>Columbus Public Schools, Columbus, NE</i> | 1994 - 1997 |

Teaching Experience

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| CET 720: Leading Evaluation & Change in the Ed Tech Environment | Dakota State University |
| ELED 330: K-8 Math Methods | Dakota State University |
| SEED 302: 6-12 Math Methods | Dakota State University |
| ELED 422: K-8 Science & Math Technology | Dakota State University |
| K-8 Student Teaching Supervision | Dakota State University |
| 6-12 Student Teaching Supervision | Dakota State University |
| 6-12 Student Teaching Supervision | Wayne State College |

Awards

2017 Outstanding IDT Doctoral Student at the University of Memphis

Publications

Smith, K. D. (2017). *Having Empathy for Online Learners*. Office of Online Education Newsletter - Dakota State University, Spring 2017.

Krahenbuhl, K. S., and Smith, K. D. (2015). *Nearpod: A Technology Tool to Engage Students in Inquiry*. ASCD Express, 10(9). Retrieved from <http://www.ascd.org/ascd-express/vol10/1009-krahenbuhl.aspx>

Peer-Reviewed Presentations

Smith, K. D. (2016). *Adaptive Learning in K-12 Math Education*. 2016 Association for Educational Communications & Technology (AECT) International Convention, Las Vegas, NV.

Invited Presentations

Smith, K. D., (January, 2017). *Using Spheros to Teach STEAM*. Association for the Education of Young Children (AEYC) South Dakota State University, Brookings, SD.

Smith, K. D., (January, 2017). *Math Talk Activities*. Flandreau Elementary and Middle School Staff, Flandreau Public Schools, Flandreau, SD.

Smith, K. D., (January, 2017). *Coding to Teach Math*. Flandreau Elementary and Middle School Staff, Flandreau Public Schools, Flandreau, SD.

Smith, K. D., (October, 2016). *EdPuzzle in the Flipped Classroom & Teaching Students to Use Sketchnoting*. Faculty Development Panel, Dakota State University, Madison, SD.

Smith, K. D., (March, 2016). *STEAM: What is it and why should you care about it?* SDSU Chapter of Student National Education Association, Brookings, SD.

Smith, K. D., (October, 2015). *STEAM = Opportunity*. Boys & Girls Club of Brookings, Brookings, SD.

Chang, Y., Mydland, G., Smith, K. D., & Spohn, R. (April 2015). *Creative and Innovative Ideas for Teaching Online Courses*. Dakota State University - Faculty Development Panel, Madison, SD.

Anderson, K., Nash, J., Krahenbuhl, K., & Smith, K. D. (February, 2015). *Why DSU? Why Teacher Ed?* Dakota State University Education Expo, Madison, SD.

Smith, K. D. (October, 2013). *Using iPads in the Classroom*. Diversity & Technology Annual Conference, Madison, SD.

Smith, K. D. (September, 2012). *Technology Today: Trends. Marketing. Tools.* Federal Reserve Bank Library Managers Annual Meeting, St. Louis, MO.

Smith, K. D. (July, 2010). *Technology Resources for Teachers.* JumpStart Regional Conference, Des Moines, IA.

Presentations

Smith, K. D. (February, 2017). *Using Seesaw in the Math Classroom.* Paper presented at the South Dakota Council of Teachers of Mathematics Annual Conference, Huron, SD.

Smith, K. D. (April, 2016). *Creating Animated Explainers with Adobe Voice.* Paper presented at the Technology & Innovation in Education Annual Conference, Sioux Falls, SD.

Smith, K. D., & Ruppelt, E. (February, 2016). *Classroom Activities with Desmos.* Paper presented at the South Dakota Council of Teachers of Mathematics Annual Conference, Huron, SD.

Smith, K. D., & Steen, K. (April, 2015). *Beyond an Hour of Code.* Paper presented at the Nebraska Educational Technology Association Annual Conference, Omaha, NE.

Smith, K. D. (March, 2015). *Kid Cave: A PBL Project to Teach STEM.* Paper presented at the 9th Annual SW/WC Service Cooperative Education Technology Conference, Pipestone, MN.

Smith, K. D. (February, 2015). *Kid Cave: A PBL Project to Teach STEM.* Paper presented at the South Dakota Council of Teachers of Mathematics Annual Conference, Huron, SD.

Smith, K. D. (October, 2014). *Web-Based Student Response Systems.* Symposium conducted at Dakota State University College of Education Lunch-n-Learn, Madison, SD.

Smith, K. D. (October, 2014). *Kid Cave: A PBL Project to Teach STEM.* Paper presented at the National Council of Teachers of Mathematics Regional Conference, Indianapolis, IN.

Smith, K. D. (April, 2014). *Using Nearpod to Deliver Engaging Lessons.* Symposium conducted at Dakota State University College of Education Lunch-n-Learn, Madison, SD.

Smith, K. D. (April, 2014). *From Idea to App.* Paper presented at the Technology & Innovation in Education Annual Conference, Sioux Falls, SD.

Smith, K. D. (April, 2014). *Using Mobile Apps to Foster Math Talk.* Poster session presented at the Nebraska Educational Technology Association Annual Conference, Omaha, NE.

Smith, K. D. & Steen, K. (April, 2013). *From Idea to App*. Paper presented at the Nebraska Educational Technology Association Annual Conference, Omaha, NE.

Smith, K. D. (March, 2011). *Virtual Economics 4.0: Everything You Need for K-12 Economics*. Paper presented at the National Center for Economic and Financial Education, New York, NY.

Smith, K. D. (October, 2010). *Train More Teachers with Online Professional Development*. Paper presented at the CEE/GATE/NAEE Annual Conference, Miami, FL.

Workshops

Smith, K. D. (June, 2017). *Seesaw: Creating Student Portfolios*. Workshop conducted for attendees at the 2017 DSU STEAM Camp, Madison, SD.

Smith, K. D. (April, 2017). *Make Something That Does Something: STEAM Design Challenge*. Workshop conducted for 5th, 6th, and 7th grade students at Parker Public Schools, Parker, SD.

Smith, K. D. (August, 2016). *From App to Idea: App Design Challenge*. Workshop conducted at Dakota State University STEM Institute, Madison, SD.

Smith, K. D. (June, 2016). *Video Creation Tools*. Workshop conducted at the 2016 DSU STEAM Camp, Madison, SD.

Smith, K. D. (June, 2016). *Weebly: Build Your Classroom Web Site*. Workshop conducted at the 2016 DSU STEAM Camp, Madison, SD.

Smith, K. D., & Nash, J. (June, 2016). *Little Bits: Make Something That Does Something*. Workshop conducted at the 2016 DSU STEAM Camp, Madison, SD.

Smith, K. D. (August, 2014). *Little Bits: Make Something That Does Something*. Workshop conducted at Dakota State University STEM Institute, Madison, SD.

Smith, K. D. & Dittman, D. R. (August, 2014). *Creating Mobile Apps*. Workshop conducted at Dakota State University STEM Institute, Madison, SD.

Smith, K. D., & Krahenbuhl, K. (April, 2014). *Show. Create. Share. Hands-on Activities with 4 Great Apps*. Workshop conducted at the Technology & Innovation in Education Annual Conference, Sioux Falls, SD.

Smith, K. D. (April, 2012). *Council for Economic Education Resources & Mobile Apps*. Workshop conducted at the National Center for Economic and Financial Education, New York, NY.

- Smith, K. D., & LeFeber, J. (October, 2011). *Virtual Economics 4.0 – Train the Trainer*. Workshop conducted at the Financial Literacy and Economic Education Conference, Chicago, IL.
- Smith, K. D. (July, 2010). *Technology Training Camp*. Workshop conducted at the National Center for Economic and Financial Education, New York, NY.
- Smith, K. D. (November, 2009). *Staying Ahead of the Curve: Online Training and Tech-Centered Resources*. Workshop conducted at the National Center for Economic and Financial Education, New York, NY.

CREATIVE WORKS

- Smith, K. D. (Interactive Media Developer). (2017) *Car Insurance: Types of Coverage, Optional Add-ons, and Possible Discounts* [Instructional video]. Federal Reserve Bank of St. Louis, St. Louis, MO. Retrieved from <https://www.stlouisfed.org/education/personal-finance-101-conversations/episode-20-car-insurance/types>
- Smith, K. D. (Interactive Media Developer). (2017) *Car Insurance: Coverage and Costs* [Instructional video]. Federal Reserve Bank of St. Louis, St. Louis, MO. Retrieved from <https://www.stlouisfed.org/education/personal-finance-101-conversations/episode-20-car-insurance/basics>
- Smith, K. D. (Instructional Designer). (2016) *Math Mountains: Add & Subtract* [Mobile app]. Top Class Apps, LLC, Brookings, SD. Retrieved from <https://itunes.apple.com/us/app/math-mountains-add-subtract/id1168485242?mt=8>
- Smith, K. D. (Instructional Designer). (2016) *Math Mountains: Multiply & Divide* [Mobile app]. Top Class Apps, LLC, Brookings, SD. Retrieved from <https://itunes.apple.com/us/app/math-mountains-multiply-divide/id1173636125?mt=8>
- Smith, K. D. (Interactive Media Developer). (2016) *South Dakota Math Blueprints - Overview* [Animated Explainer Video]. South Dakota Department of Education, Pierre, SD. Retrieved from <https://www.youtube.com/watch?v=zREFJ8I6Vho>
- Smith, K. D. (Interactive Media Developer). (2016) *South Dakota Math Blueprints - Algebra I* [Animated Explainer Video]. South Dakota Department of Education, Pierre, SD. Retrieved from <https://www.youtube.com/watch?v=GoJR8UaOtdo>
- Smith, K. D. (Interactive Media Developer). (2016) *South Dakota Math Blueprints - Geometry* [Animated Explainer Video]. South Dakota Department of Education, Pierre, SD. Retrieved from <https://www.youtube.com/watch?v=4fInJNKA5oM>

- Smith, K. D. (Interactive Media Developer). (2016) *South Dakota Math Blueprints - Algebra II* [Animated Explainer Video]. South Dakota Department of Education, Pierre, SD. Retrieved from <https://www.youtube.com/watch?v=fyujT-6gTzQ>
- Smith, K. D. (Interactive Media Developer). (2016) *South Dakota Math Blueprints - Fourth Course* [Animated Explainer Video]. South Dakota Department of Education, Pierre, SD. Retrieved from <https://www.youtube.com/watch?v=xnfntzq9wNE>
- Smith, K. D. (Interactive Media Developer). (2013) *Fiscal Policy* [Online course]. Federal Reserve Bank of St. Louis, St. Louis, MO. Retrieved from <https://bts.stlouisfed.org/fiscal-policy/?p=yes>
- Smith, K. D. (Interactive Media Developer). (2013) *Monetary Policy* [Online course]. Federal Reserve Bank of St. Louis, St. Louis, MO. Retrieved from <https://bts.stlouisfed.org/monetary-policy/?p=yes>
- Smith, K. D. (Interactive Media Developer). (2013) *Personal Finance 101 Conversation: College Choice 101* [Video]. Federal Reserve Bank of St. Louis, St. Louis, MO. Retrieved from http://stlouisfed.org/Education_Resources/personal-finance-101-conversations/episode-15-college-choice-101/
- Smith, K. D. (Interactive Media Developer). (2013) *Personal Finance 101 Conversation: FAFSA 101* [Video]. Federal Reserve Bank of St. Louis, St. Louis, MO. Retrieved from http://stlouisfed.org/Education_Resources/personal-finance-101-conversations/episode-14-fafsa-101/
- Smith, K. D. (Interactive Media Developer). (2013) *Personal Finance 101 Conversation: Financial Aid 101* [Video]. Federal Reserve Bank of St. Louis, St. Louis, MO. Retrieved from http://stlouisfed.org/Education_Resources/personal-finance-101-conversations/episode-16-financial-aid-101/
- Smith, K. D. (Instructional Designer). (2012) *Spelling Star* [Mobile app]. Top Class Apps, LLC, Brookings, SD. Retrieved from <https://itunes.apple.com/us/app/spelling-star/id557070660?mt=8>
- Smith, K. D. (Interactive Media Developer). (2012) *Supply & Demand* [Online course]. Federal Reserve Bank of St. Louis, St. Louis, MO. Retrieved from <https://bts.stlouisfed.org/supply-and-demand/?p=yes>
- Smith, K. D. (Instructional Designer, Interactive Media Developer). (2001-2012) *EconEdLink* [Online lessons]. Council for Economic Education, New York, NY. Retrieved from <http://www.econedlink.org>
- Smith, K. D. (Instructional Designer, Project Manager). (2011) *Virtual Economics* [CD-ROM]. Council for Economic Education, New York, NY.

Smith, K. D. (Instructional Designer, Project Manager). (2010) *Gen i Revolution* [Online game]. Council for Economic Education, New York, NY. Retrieved from <http://www.genirevolution.org>

SUPPORT

| External | Agency/Source | Role | Amount | Period |
|--|-----------------------------|--|----------------|-----------|
| National Science Foundation/EPSCoR Award No. IIA-1355423 (PI: Dr. Jennifer Nash) | National Science Foundation | Implementation Team Member/Co-PI | \$150,000/year | 2014-2019 |
| Project Innovation Grants | SD Space Grant Consortium | Grant writing team member; Workshop leader | \$10,000 | 2014 |
| CenturyLink Teachers and Technology Grant | CenturyLink | Grant writer | \$1,500 | 2014 |

SERVICE

| Committee/Appointment | Role | Period |
|--|------------------------|----------------|
| Dakota State University Provost Search Committee | Committee Member | 2016-2017 |
| College of Education Director of Field Services Search Committee | Committee Member | 2016 |
| College of Education Dean Search Committee | Committee Member | 2015-2016 |
| Social Studies Faculty Search Committee | Committee Member | 2015-2016 |
| Graduate Council Committee | Committee Member | 2015 - present |
| Faculty Development Committee | Committee Member | 2015 - present |
| College of Education Lunch-n-Learn Sessions | Originator & Organizer | 2014 - present |
| Exercise Science Candidate Search Committee | Committee Member | 2014 |

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| First-Year Intervention Team | Mentor | 2013 - 2014 |
| Professional Education Council | Committee Member | 2013 - present |