

## CURRICULUM VITA

**Amber Rowland, Ph.D.**  
University of Kansas

785-550-0457  
[amber.rowland@ku.edu](mailto:amber.rowland@ku.edu)

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### UNIVERSITY ADDRESS

University of Kansas  
Center for Research on Learning  
1122 West Campus Road  
JRP room 748  
Lawrence, KS 66045

### CURRENT APPOINTMENTS

**Assistant Research Professor**, ALTEC, Advanced Learning Technologies, Center for Research on Learning, The University of Kansas

**Co-Director**, ALTEC, Advanced Learning Technologies, Center for Research on Learning, The University of Kansas

**Co-Director**, Literacy Network of Kansas, Virtual Instructional Coaching

### EMPLOYMENT HISTORY

2016-present	External Evaluator, Center for Research on Learning, University of Kansas
2014-present	Lead Instructional Coach/Project Director, Office of Special Education and Policy, Stepping Up Grants
2002-2013	Senior Project Lead, ALTEC, Advanced Learning Technologies, Center for Research on Learning, The University of Kansas.
2006-2012	Technology Rich Classroom (TRC) Project Coordinator, ALTEC Kansas State Department of Education Title IID Initiative.
2008	C&T 302: Integrating Technology into Middle-Secondary Education, Instructor, School of Education at The University of Kansas.
2006-2009	Enrichment Program Teacher, ALTEC and Southeast Kansas Education Service Center Greenbush Interactive Distance Learning Program Offerings.
2006-2007	Technology Rich Classroom Facilitator, ALTEC and Southeast Kansas Education Service Center, Independent Program Initiative at Greenbush.
2002-2003	Graduate Teaching Assistant, University of Kansas, Lawrence, KS

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## EDUCATION

DEGREE	SCHOOL	YEAR
Ph.D.	University of Kansas, Major: Curriculum and Instruction	2012
M.S.	University of Kansas, Major: Curriculum and Instruction	2003
B.S.	University of Kansas, Major: Elementary Education	2001

## PUBLICATIONS

**Rowland, A.**, Smith, S. J., Lowrey, A. & Abdulrahim, N. A. (in press) *Underutilized Technology Solutions for Student Writing*. Intervention in School and Clinic.

Smith, S.J., Craig, S., & **Rowland, A.** (in press). *The Problem with Access: Restricting the Application of the UDL Framework*. In Critical Issues in Universal Design for Learning.

Carreon, A., Smith, S.J. & **Rowland, A.** (in press) *Augmented Reality: Creating and Implementing Digital Classroom Supports*. Journal of Special Education Technology.

Smith, S.J., Lowrey, A., **Rowland, A.**, & Frey, B. (under review). *Effective Technology Supported Writing Strategies for Learners with Disabilities*. Inclusion.

**Rowland, A.**, Smith, S.J., & Lowrey, A. (under review). *Aligning technology tools with the 6-Traits of Writing: Solutions to support struggling writers*. Journal of Special Education and Technology.

**Rowland, A.** (2018). Treatment Integrity. In B. Frey (Ed.), *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation*.

**Rowland, A.**, Ellis, J., Ball, L., Mohn, J., Schwarting, J., Ault, M., Bradley, B., Bulgren, J., & Craig-Hare, J. (2018). *Understanding Genetics through Argumentation: A Unit of Study*. Lawrence, KS: University of Kansas. Unit development part of three-year grant funded by the National Science Foundation, DRL - Discovery Research K-12, (NSF Award ID# - 1316799).

**Rowland, A.**, Craig-Hare, J., Ault, M., Ellis, J., & Bulgren, J. (2017). Social media: How the next generation can practice argumentation. *Educational Media International*, 3987(August), 1–13. <https://doi.org/10.1080/09523987.2017.1362818>

Craig-Hare, J., Ault, M., & **Rowland, A.** (2017). The Effect of Socioscientific Topics on Discourse within an Online Game Designed to Engage Middle School Students in Scientific Argumentation. *Journal of Education in Science, Environment and Health (JESEH)*, 3(2), 110–125. <https://doi.org/10.21891/jeseh.325783>

Craig-Hare, J., **Rowland, A.**, Ault, M., & Ellis, J. D. (2017). Practicing Scientific Argumentation Through Social Media. In I. Levin & D. Tsybulsky (Eds.), *Digital Tools and Solutions for Inquiry-Based STEM Learning* (pp. 82–111). Hershey, PA: IGI Global.

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- Ellis, J., **Rowland, A.**, Ault, M., Craig-Hare, J., Bulgren, J., & Bradley, B. (2017). *Final Report for Enhancing Argumentation with Social Media: Supporting Teacher Professional Learning and Student Science Practice*. Funded by the National Science Foundation, DRL - Discovery Research K-12, (NSF Award ID# - 1316799).
- Smith, S. J. & **Rowland, A.** (2016). Improving Technology Applications Through Writing Instruction: Multi-tasking at its best. *Closing the Gap*. Oct/Nov 2016 35(4): 9-14.
- Rowland, A.**, & Craig-Hare, J. (2016). *How the Next Generation Can Practice Argumentation: Social Media and Gaming*. Research paper presented at the annual meeting of the International Society of Technology in Education (ISTE), Denver, CO
- Craig-Hare, J., **Rowland, A.**, Ellis, J., Bulgren, J., Ault, M., & Bradley, B. (2016). *Argumentation essay scoring rubric*. Lawrence, KS: University of Kansas.  
Rubric used for demonstrating acquired scientific argumentation concepts
- Ellis, J., **Rowland, A.**, Ault, M., Craig-Hare, J., Bulgren, J., & Bradley, B. (2016). *Annual Report for Enhancing Argumentation with Social Media: Supporting Teacher Professional Learning and Student Science Practice*. Funded by the National Science Foundation, DRL - Discovery Research K-12, (NSF Award ID# - 1316799).
- Ellis, J., Bulgren, J., **Rowland, A.**, Craig-Hare, J., Ault, M., & Bradley, B. (2015). *Argumentation and evaluation writing assignment scoring rubric*. Lawrence, KS: University of Kansas. Rubric used for demonstrating acquired scientific argumentation concepts.
- Rowland, A.**, Ellis, J., Craig-Hare, J., Ault, M., Bradley, B., Bulgren, J. (2015). *Social Media for Learning: Platform Preferences, Digital Citizenship and Authenticity*. Paper presentation given at the annual meeting of the International Society for Technology in Education (ISTE). Philadelphia, PA.
- Ellis, J., **Rowland, A.**, Ault, M., Craig-Hare, J., Bulgren, J., & Bradley, B. (2015). *Annual Report for Enhancing Argumentation with Social Media: Supporting Teacher Professional Learning and Student Science Practice*. Funded by the National Science Foundation, DRL - Discovery Research K-12, (NSF Award ID# - 1316799).
- Rowland, A.**, Craig-Hare, J., Ault, M., Bradley, B. & Ellis, J. (2014). *Our Claim: Social Media Might Facilitate The Practice Of Scientific Argumentation*. Paper presentation given at the annual meeting of the International Society for Technology in Education (ISTE). Atlanta, GA.
- Greer, D. L., **Rowland, A.**, & Smith, S. J. (2014). Critical considerations for teaching students with disabilities in online environments. *TEACHING Exceptional Children*. May/June 2014 46: 79-91.
- Ellis, J., **Rowland, A.**, Ault, M., Craig-Hare, J., Bulgren, J., & Bradley, B. (2014). *Annual Report for Enhancing Argumentation with Social Media: Supporting Teacher Professional Learning and Student Science Practice*. Funded by the National Science Foundation, DRL - Discovery Research K-12, (NSF Award ID# - 1316799).
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- Rowland, A.,** Smith, S. & Basham, J. (2013). Integrating Technology through Universally Designed Professional Learning. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2013*. Chesapeake, VA: AACE.
- Rowland, A.** (2012). Exploring How Conversations Meet Teacher Learning Needs (Doctoral dissertation). Available from ProQuest Dissertations & Theses database. (UMI No. 3504065)
- Rowland, A.** (2012). Exploring How Conversations Meet Teacher Learning Needs. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2012* (pp. 3043-3047). Chesapeake, VA: AACE.
- Ault, M., Adams, D., **Rowland, A.**, Tiemann, G. (2010). *Targeted Educational Games: Fun and So Much More!* Refereed paper presented at annual meeting of the International Society for Technology in Education (ISTE). Denver, CO.
- Isreal, M., Knowlton, E., Griswold, D., & **Rowland, A.** (2009). Application of video-conferencing technology in teacher education: Increasing understanding, engagement, and competence. *Journal of Special Education Technology*.
- Rowland, A.,** & Stanley, M. (2008). Transforming the Classroom: TRC in Kansas. *T.H.E. Journal*, 35(7), 12.

## SELECT PRESENTATIONS

- Rowland, A. & Smith, S.** (2020, February). *Supporting Students Who Struggle With Writing: Online Professional Learning That Pairs Technology Solutions With Evidence-Based Writing Strategies and An Auto-Scored Progress Monitoring Tool*. Presentation accepted for the annual meeting of the Council for Exceptional Children (CEC). Portland, OR.
- Rowland, A.,** Carreon, A. & Smith, S. (2019, November). Let's Get Digital: Integrating Technology Tools into Teacher Instruction. Presentation accepted for the annual meeting of the Teacher Education Division, Council for Exceptional Children (CEC). New Orleans, LA.
- Rowland, A.,** Carreon, A. & Smith, S. (2019, November). Innovating the classroom: Mixed Reality Supports. Presentation accepted for the annual meeting of the Teacher Education Division, Council for Exceptional Children (CEC). New Orleans, LA.
- Smith, S., Craig, S. & **Rowland, A.** (2019, November). Implementing Universal Design for Learning: Lessons Learners and Tips for Teachers. Presentation accepted for the annual meeting of the Teacher Education Division, Council for Exceptional Children (CEC). New Orleans, LA.
- Myers, S. & **Rowland, A.** (2019, October). Exploring the LiNK: Finding a feasible model for instructional coaching. Presentation accepted for the annual Kansas Department of Education (KSDE) Conference. Wichita, KS.
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- Rowland, A.** Smith, S., & Frey, B. (2019, June). *Writing: the cross-curricular Cinderella of literacy; Progress monitoring: the glass slipper*. Presentation given at the annual meeting of the International Society of Technology in Education (ISTE), Philadelphia, PA.
- Rowland, A.** & Smith, S. (2019, February). *Digitizing Writing Instruction: Evidence on Improved Student Writing Outcomes*. Presentation given to the annual meeting of the Council for Exceptional Children (CEC). Indianapolis, IN.
- Rowland, A.** (2018, October). *Struggling writers: Teachers use progress monitoring, technology and strategies to help*. Presentation given at the annual meeting of the Kansas Association for Teachers of English (KATE). Wichita, KS.
- Rowland, A.,** Bradely, B., & Ellis J. (2018, April). *Advancing Online and Blended Professional Development through NSF's DRK-12 Program: Enhancing Teaching and Learning with Social Media*. Presentation given for the annual meeting of the American Educational Research Association (AERA).
- Rowland, A.** & Smith, S. (2018, February). *Progress Monitoring + Effective Writing Strategies + Technology Solutions = Improved Student Writing Outcomes*. Presentation at the annual meeting of the Council for Exceptional Children (CEC). Tampa, FL.
- Rowland, A.** & Smith, S. (2017, November). *Teacher Instruction + Technology + Strategies = Improved Writing Instruction & Student Outcomes*. Presentation given at the annual meeting of the Teacher Education Division, Council for Exceptional Children (CEC). Savannah, GA.
- Rowland, A.** (2017, July). *The Perfect Practical Pairing: Writing Strategies and Technology Solutions*. Invited presentation at the Center for Research on Learning Conference, Lawrence, KS.
- Rowland, A.,** & Craig-Hare, J. (2017, June). *State Standards Require Argumentation: Gaming, Social Media and Virtual Reality Can Help!* Presentation at the annual meeting of the International Society for Technology in Education (ISTE). San Antonio, TX.
- Rowland, A.,** Smith, S., & Stock, J. (2017, June). *Technology Paired with Learning Strategies: Better than Chocolate and Peanut Butter!* Presentation at the annual meeting of the International Society for Technology in Education (ISTE). San Antonio, TX.
- Craig-Hare, J. & **Rowland, A.** (2017, June). *Coaching at the CORE*. Presentation at the annual meeting of the International Society for Technology in Education (ISTE). San Antonio, TX.
- Smith, S. & **Rowland, A.** (2017, June). *Beyond Pokemon: Virtual and Augmentative Reality for STEM*. Presentation at the annual meeting of the International Society for Technology in Education (ISTE). San Antonio, TX.
- Rowland, A.** (2017, March). *Learning Strategies and Technology...Chocolate and Peanut Butter...Perfect Pairings!* Presentation at MidAmerica Association for Computers in Education (MACE), Manhattan, KS.
- Rowland, A.** & Smith, S. (2017, January). *The Perfect Practical Pairing: Writing Strategies and*
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*Technology Solutions*. Presentation at the annual meeting of the Assistive Technology Industry Association (ATIA), Orlando, FL.

**Rowland, A., & Craig-Hare, J.** (2016, June). *Coaching LeaderSHIP: Strategies, Higher-Order Thinking, Instructional Technology and Partnerships*. Presentation at the annual meeting of the International Society for Technology in Education (ISTE) in the Ed Tech Coaches PLN Playground, Denver, CO.

Smith, S. J., **Rowland, A., & Craig-Hare, J.** (2016, June). *How personalized is personalized learning?* Presentation at the annual meeting of the International Society for Technology in Education (ISTE), Denver, CO.

**Rowland, A., Ellis, J., Craig-Hare, J., Ault, M. & Bradley, B.** (2016, June). *Enhance Teaching and Learning with Social Media: Supporting Teacher Learning and Student Scientific Argumentation*. Poster session presented at the 2016 DR K-12 PI Meeting for the National Science Foundation: Washington, DC.

Craig-Hare, J., & **Rowland, A.** (2016, May). *Argumentation & Reasoning: Resources to Support Engaging Students in Meaningful Discourse*. Presentation at the Olathe Public Schools Summer Conference, Olathe, KS.

**Rowland, A.** (2016, March). *Technology Solutions to Enhance Student Engagement and Interactivity*. Professional Development Schools Seminar, Lawrence, KS.

Craig-Hare, J., & **Rowland, A.** (2016, March). *Techno-Tidying: Tips for Getting and Staying Digitally Organized*. MidAmerica Association for Computers in Education (MACE), Manhattan, KS.

Craig-Hare, J., & **Rowland, A.** (2016, March). *The Wild West of One-to-One*. MidAmerica Association for Computers in Education (MACE), Manhattan, KS.

**Rowland, A., & Craig-Hare, J.** (2016, March). *Effective Reasoning: Helping Students Identify, Evaluate and Support Claims*. MidAmerica Association for Computers in Education (MACE), Manhattan, KS.

**Rowland, A.** (2016, January) *iPad Launch*. Invited half-day workshop given at the University of Kansas, School of Music Faculty Retreat.

**Rowland, A., Ellis, J., Ault, M., Craig-Hare, J., Ball, L., Mohn, J., & Schwarting, J.** (2015, December) *Practice Scientific Argumentation through Gaming and Social Media*. Presentation at the NSTA Regional KC conference. Kansas City, MO.

**Rowland, A., Stock, J., Buss, C., & Collins-Johnson, A.** (2015, October). *Standards, Professional Learning & Technology*. Presentation at the annual Kansas Department of Education (KSDE) Conference. Wichita, KS.

**Rowland, A., Craig-Hare, J., & Ault, M.** (2015, October) *Supporting Student Argumentation and Discourse*. Presentation at the annual Kansas Department of Education (KSDE) Conference. Wichita, KS.

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- Rowland, A.,** Craig-Hare, J., & Ault, M. (2015, July). *Model Lesson: Real-World Scenarios, Social Media & Game-Based Learning*. Invited presentation given at the Strategies for Educational Improvement Conference, Lawrence, KS.
- Craig-Hare, J., **Rowland, A.,** & Ault, M. (2015, July). *Argumentation: Supporting Classroom Discourse with Evidence & Claims*. Invited presentation given at the Strategies for Educational Improvement Conference, Lawrence, KS.
- Rowland, A.,** Collins-Johnson, A., Stock, J., Buss, C. (2015, June). *Common Core, Professional Learning and Technology: Achieving the ISTE Standards for Teachers*. Presentation given at the annual meeting of the International Society for Technology in Education (ISTE). Philadelphia, PA.
- Rowland, A.** (2015, April). *Technology Trends in Teaching and Learning*. Pre-service teacher presentation at the University of Kansas, Lawrence, KS.
- Smith, S., Harvey, S. & **Rowland, A.** (2015, April). *Common Core + Writing + Effective Technology Tools = Success!* Presented at the annual Council for Exceptional Children (CEC) Conference, San Diego, CA.
- Rowland, A.,** Buss, C., Collins-Johnson, A., Stock, J. (2015, March). *Common Core, Professional Learning and Technology: It's How We Do!* Presented at the Mid-America Association for Computers in Education (MACE), Manhattan, KS.
- Ellis, J., **Rowland, A.,** Ault, M., Bulgren, J., Bradley, B. & Craig-Hare, J. (2015, January). *Using social media to enhance the practice of scientific argumentation*. Presented at the annual meeting of the Association of Science Teacher Education.. Portland, OR.
- Rowland, A.** (2014, November). *Technology Trends in Education*. Pre-service teacher presentation at the University of Kansas, Lawrence, KS.
- Rowland, A.** (2014, November). *Secondary Science: Technology Enhancements*. Pre-service teacher presentation at the University of Kansas, Lawrence, KS.
- Rowland, A.** (2014, August). *Exploring the Possibilities: iPads Enhance Teaching & Learning*. Invited to lead a half-day iPad integration workshop for Baldwin USD 348, Baldwin, KS.
- Rowland, A.,** Ellis, J., Craig-Hare, J., Ault, M. & Bradley, B. (2014, August). *Enhance Teaching and Learning with Social Media: Supporting Teacher Learning and Student Scientific Argumentation*. Poster session presented at the 2014 DR K-12 PI Meeting for the National Science Foundation: Washington, DC.
- Craig-Hare, J., **Rowland, A.,** & Ault, M. (2014, July). *Resources for the Practice of Scientific Argumentation: Gaming and Social Media*. Invited to present at the International Strategic Instruction Model (SIM) Conference, Lawrence, KS.
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- Craig-Hare, J., **Rowland, A.**, & Ault, M. (2014, June). *Resources for the Practice of Scientific Argumentation: Gaming and Social Media*. Presentation given at the Lawrence Public Schools Annual Summer Symposium, Lawrence, KS.
- Rowland, A.** (2014, January). *Facilitating the Practice of Scientific Argumentation through Social Media*. Presentation given at School of Education Faculty Research Conference. Lawrence, KS.
- Rowland, A.** & Craig-Hare, J. (October, 2013). *Responding to the New Standards: Student Collaboration and Argumentation*. Greenbush Technology Conference, Eudora, KS.
- Craig-Hare, J. & **Rowland, A.** (May, 2013). *Building Your Personal Learning Network (PLN) with Twitter*. Lawrence Public Schools USD 497 Administrator Workshop, Lawrence, KS.
- Rowland, A.** (2013, June). *Empowering our Collective Capacity: An Exercise in Crowdsourcing*. Invited presentation given at The Hybrid Learning Consortium, Summer Symposium, Kansas City, MO.
- Rowland, A.** & Craig-Hare, J. (2013, June). *APPy Hour: Give & Get Field-Tested Strategies & Resources*. Invited presentation given at the Strategies for Educational Improvement Conference, Lawrence, KS.
- Rowland, A.**, Craig-Hare, J. & Adams, D. (2013, June). *All Aboard the Professional Developers Train*. Invited presentation given at the Strategies for Educational Improvement Conference, Lawrence, KS.
- Rowland, A.** (2013, March). *Integrating Technology Through Universally Designed Professional Learning*. Refereed presentation given at Society for Information Technology & Teacher Education (SITE) International Conference, New Orleans, LA.
- Rowland, A.** (2013, March). *App Swap: Give and Get Field-Tested iPad, iPhone, & iPod Integration Ideas*. Presentation given at the annual meeting of the Mid-America Association for Computers in Education (MACE), Manhattan, KS.
- Rowland, A.** (2013, January). *Teacher Professional Learning through Conversations: Creating Technology-Enhanced Student-Centered Instruction*. Presentation given at School of Education Faculty Research Conference, Lawrence, KS.
- Rowland, A.** (2013, January). *Exploring the Possibilities: iPads Enhance Teaching & Learning*. Invited to conduct a half-day iPad integration workshop for Baldwin USD 348, Baldwin, KS.
- Rowland, A.**, Craig-Hare, Ault, M. (2012, November). *Enhancing Engagement & Higher-Order Thinking Through Games*. The University of Kansas Center for Research on Learning CRL Learns Workout, Lawrence, KS.
- Rowland, A.** (2012, October). *Online Professional Collaboration*. Invited presentation given at Igniting Instruction through Technology Conference, Eudora, KS.
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- Rowland, A.** (2012, October). *Exploring the Good Stuff!* Invited presentation given at Igniting Instruction through Technology Conference, Eudora, KS.
- Rowland, A.** (2012, July). *Vertical and Cross-Curricular Teaming.* Invited to serve as panelist for the Computer Science Teachers Association meeting, Wichita, KS.
- Rowland, A.** (2012, June). *Teachers Tell All: Exploring Conversation As a Professional Learning Strategy.* Paper presentation given at the annual meeting of the International Society for Technology in Education (ISTE), San Diego, CA.
- Rowland, A.** (2012, March). *Exploring How Conversations Meet Teacher Learning Needs.* Refereed presentation given at Society for Information Technology & Teacher Education (SITE) International Conference, Austin, TX.
- Rowland, A., Gilley, T.** (2011, June). *Interactive NETS: Free Resources and Projects for Digital Age Learning.* Invited, national conference hands-on, half-day workshop given at the annual meeting of the International Society for Technology in Education (ISTE), Philadelphia, PA.
- Rowland, A.,** (2011, June). *Tips for Coaches.* Invited presentation given at the annual meeting of the International Society for Technology in Education (ISTE), Philadelphia, PA.
- Stanley, M. & **Rowland, A.** (2011, January). *Critical Elements for Creating 21<sup>st</sup> Century Schools.* Presentation given at annual meeting of United School Administrators (USA) of Kansas annual convention, Wichita, KS.
- Rowland, A., Gilley, T.** (2010, June). *Interactive NETS: Free Resources and Projects for Digital Age Learning.* Refereed presentation given at the annual meeting of the International Society for Technology in Education (ISTE), Denver, CO.
- Rowland, A., Farmer, M.** (2010, March). *Filling your NETS\*S: Free Resources and Projects for Digital Age Learning.* Presentation given at the Mid-America Association for Computers in Education (MACE), Manhattan, KS.
- Rowland, A. & Craig Hare, J.** (2009, December). *Web-based Resources for 21<sup>st</sup> Century Professional Development.* Refereed presentation given at the annual meeting of the National Staff Development Council (NSDC), St. Louis, MO.
- Rowland, A. & Gilley, T.** (2009, October). *21<sup>st</sup> Century Classrooms: Today's Students, Tomorrow's World.* Presentation given at KS State Department of Education's Assessment Conference, Topeka, KS.
- Rowland A.** (2009, July). *Partnership for 21<sup>st</sup> Century.* Invited presentation given at the iConnectiLearn Conference, Hutchinson, KS.
- Rowland, A.** (2009, June). *The Ultimate Teacher Toolbox: Free Web-based Resources for Teachers!* Presentation given at the Kansas University, School of Education Conference, Lawrence, KS.
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**Rowland, A.** (2008, June). *The Best Free Stuff on the Web: Tools for Teachers*. Refereed presentation given at the National Education Computing Conference (NECC), San Antonio, TX.

**Rowland, A.** (2008, June). *Technology Rich Classrooms in Kansas*. Refereed presentation given at the National Education Computing Conference (NECC), San Antonio, TX.

**Rowland, A.** (2007, July). *Gaming in Education: Curriculum Integration and Assessment Preparation*. Presentation given at the the Mid-America Technology (MTI) Conference, Bonner Springs, KS.

## TEACHING

### University of Kansas

Course Number & Title	Sem/Year	#Enrolled
SPED 326 Teaching Exceptional Children & Youth in General Education	Fall 2019	20
SPED 326 Teaching Exceptional Children & Youth in General Education	Spring 2019	25
SPED 326 Teaching Exceptional Children & Youth in General Education	Fall 2018	12
SPED 326 Teaching Exceptional Children & Youth in General Education	Spring 2018	22
SPED 326 Teaching Exceptional Children & Youth in General Education	Fall 2017	23
SPED 326 Teaching Exceptional Children & Youth in General Education	Spring 2017	24
SPED 326 Teaching Exceptional Children & Youth in General Education	Fall 2016	24

## PROFESSIONAL ASSOCIATIONS

- Society for Information Technology in Teacher Education (SITE)
- American Educational Research Association (AERA)
- Kansas Association for Interactive Distance Education (KAIDE) – Board Member, Former
- International Society for Technology in Education (ISTE)
- National Science Teachers Association (NSTA)
- Council for Exceptional Children (CEC)

## HONORS AND AWARDS

- University of Kansas, Woman of Distinction 2016-2017
  - Completed Dissertation with Honors 2012
  - University of Kansas, Outstanding Staff Award 2011
  - National School Board Association, 20 to Watch Recipient 2008
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## SERVICE

### University Service

- KU School of Education Faculty Camp Director 2016-present
- KU School of Education Teacher Technology Camp Facilitator 2015 (July)
- KU School of Education Faculty Technology Camp Facilitator 2015 (May)
- KU School of Education Teacher Technology Camp Facilitator 2014 (August)
- KU School of Education Faculty Technology Camp Director 2014 (May)
- KU School of Education Teacher Technology Camp Director 2013 (June)
- KU School of Education Faculty Technology Camp Director 2013 (May)
- KU School of Education Faculty Technology Camp Director 2012 (May)
- Faculty Assembly Student Representative, KU School of Education 2008-2012

### Center for Research on Learning

- ALTEC Mobile Learning Mini-Conference Facilitator 2013 (July)
- ALTEC Mobile Learning Mini-Conference Director 2012 (December)
- ALTEC Mobile Learning Mini-Conference Director 2012 (December)
- ALTEC Mobile Learning Mini-Conference Facilitator 2011 (December)

### Professional Service

#### International

- Reviewer, *20 to Watch Awards*, NSBA 2014-present
- Reviewer, *Research Papers*, ISTE 2008-present
- Reviewer, *National Science Foundation Panelist* 2016 (February)
- Reviewer, *National Science Foundation Panelist* 2016 (March)
- Reviewer, *National Science Foundation Ad-Hoc Reviewer* 2016 (September)
- Volunteer Presider, Bring Your Own Device (BYOD), ISTE 2015 (June)
- Volunteer Presider, Model Lesson Session, ISTE 2012 (June)

#### Regional

- Regional Judge, eCyberMission 2013
- Board of Directors, KAIDE 2007-2012

#### Local

- Digital Innovations Workgroup, University of Kansas 2016
  - Productive Scholars Writing Group, University of Kansas 2012-2014
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## GRANT PROPOSALS

### Pending

Project/Proposal Title: *Development and Pilot Study for a Comprehensive Adolescent Blended Writing Program*

Source of Support: U.S. Department of Education

Total Award Period Covered: 07/01/2020 – 06/30/2024

Location of Project: The University of Kansas, Lawrence, KS

Person-Months per Year Committed to the Project: Cal. .5

Role: Co-PI

### Funded

Project/Proposal Title: *Possible Selves and Self-Determination: Improving Transition Outcomes for High School Students with Disabilities 84.324A Goal 3*

Source of Support: U.S. Department of Education

Total Award Period Covered: 10/01/2019-9/30/2024

Location of Project: The University of Kansas, Lawrence, KS

Person-Months per Year Committed to the Project: Cal. 2

Role: Co-I

Project/Proposal Title: *Project VOISS: Virtual reality Opportunities to Implement Social Skills*

Source of Support: U.S. Department of Education

Total Award Period Covered: 10/01/2018-9/30/2023

Total Award Amount: \$2,499,999

Location of Project: The University of Kansas, Lawrence, KS

Person-Months per Year Committed to the Project: Cal. 7.2

Role: Co-PI

Project/Proposal Title: *Kansas Striving Readers Comprehensive Literacy Initiative*

Source of Support: US Department of Education

Total Award Period Covered: 10/01/2017 – 09/30/2020

Total Award Amount: \$27,000,000

Location of Project: The University of Kansas, Lawrence, KS

Person-Months per Year Committed to the Project: Cal. 3

Role: Co-I

Project/Proposal Title: *Enhancing Argumentation with Social Media: Supporting Teacher Professional Learning and Student Science Practice*

Source of Support: National Science Foundation

Total Award Period Covered: 08/01/2013-07/31/2017

Total Award Amount: \$469,602

Location of Project: The University of Kansas, Lawrence, KS

Person-Months per Year Committed to the Project: Cal. 7.2

Role: Co-PI

Project/Proposal Title: *Sustainable Implementation of Innovations for Student Achievement*

Source of Support: U.S. Department of Education, H327S120019

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Total Award Period Covered: 12/01/2012-11/30/2018  
Total Award Amount: \$2,500,000  
Location of Project: The University of Kansas, Lawrence, KS  
Role: Co-I

Project/Proposal Title: *Evaluation of Learning Forward, Future Ready Initiatives*  
Source of Support: Lawrence Unified School District  
Total Award Period Covered: 09/01/2016 - 8/31/2017  
Location of Project: The University of Kansas, Lawrence, KS  
Role: Co-PI

Project/Proposal Title: *Professional Learning and Evaluation of Chromebook Initiative*  
Source of Support: Tonganoxie Unified School District  
Total Award Period Covered: 01/01/2017-12/31/2020  
Location of Project: The University of Kansas, Lawrence, KS  
Role: Project Director

### **Unfunded**

Project/Proposal Title: *Evaluating Impact of a Multimedia Professional Development Process on Teaching and Student Learning Within Inclusive Middle School Science Classrooms 84.324A Goal 3*  
Source of Support: U.S. Department of Education  
Total Award Period Covered: 10/01/2019-9/30/2024  
Location of Project: The University of Kansas, Lawrence, KS  
Role: External Evaluator

Project/Proposal Title: *Intensive Personalized Literacy and Language Initiative 84.325K Focus Area B*  
Source of Support: U.S. Department of Education  
Total Award Period Covered: 10/01/2018-9/30/2023  
Total Award Amount: \$1,250,000  
Location of Project: The University of Kansas, Lawrence, KS  
Role: Co-PI

Project/Proposal Title: *Developing Science Social Competence Opportunities through Virtual Reality (DSSCOVR)*.  
Source of Support: National Science Foundation  
Total Award Period Covered: 08/01/2018 – 06/30/2022  
Total Award Amount: \$1,200,000  
Location of Project: The University of Kansas, Lawrence, KS  
Person-Months per Year Committed to the Project: Cal. 7

Project/Proposal Title: *Project THRIVE (Targeting Healthy Resiliency in Vested Educators) 84.325K Focus Area B*  
Source of Support: U.S. Department of Education  
Total Award Period Covered: 10/01/2018-9/30/2023  
Total Subaward Amount: \$125,000  
Location of Project: The University of Kansas, Lawrence, KS

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Role: External Evaluator

Project/Proposal Title: *Virtual Online Instructional Coaching for Educators (VOICE): Supporting Teachers as they Identify, Learn, and Improve Instruction.*

Source of Support: Institute of Education Sciences

Total Award Period Covered: 07/01/2018 – 06/30/2021

Total Award Amount: \$1,400,000

Location of Project: The University of Kansas, Lawrence, KS

Person-Months per Year Committed to the Project: Cal. 6

Project/Proposal Title: *Increasing Access to NGSS with Virtual Reality: Teacher Professional Learning to Support Student Social Competence Development*

Source of Support: National Science Foundation

Total Award Period Covered: 08/01/2017-07/31/2020

Total Award Amount: \$1,499,981

Location of Project: The University of Kansas, Lawrence, KS

Role: Principal Investigator

Project/Proposal Title: *Developing Science Social Competence Opportunities through Virtual Reality (DSSCOVR)*

Source of Support: National Science Foundation

Total Award Period Covered: 08/01/2017-07/31/2020

Total Award Amount: \$1,481,251

Location of Project: The University of Kansas, Lawrence, KS

Role: Co-PI

Project/Proposal Title: *Virtual Online Instructional Coaching for Educators (VOICE): Supporting Teachers as they Identify, Learn, and Improve Instruction*

Source of Support: Institute of Education Sciences

Total Award Period Covered: 07/01/2017 – 06/30/2020

Role: Co-PI

Project/Proposal Title: *Digital Learning Environments: A Future-Ready Implementation Partnership*

Source of Support: Institute of Education Sciences

Total Award Period Covered: 07/01/2017 – 06/30/2019

Location of Project: The University of Kansas, Lawrence, KS

Role: Co-PI

Project/Proposal Title: *Project VOISS: Virtual reality Opportunities to Implement Social Skills*

Source of Support: U.S. Department of Education

Total Award Period Covered: 9/01/2016-8/31/2021

Total Award Amount: \$2,499,999

Location of Project: The University of Kansas, Lawrence, KS

Role: Co-PI

Project/Proposal Title: (This Proposal) *Talk Like a Scientist: Virtual Reality Fosters the Learning and Practice of Scientific Argumentation for All Students*

Source of Support: National Science Foundation

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Total Award Period Covered: 08/01/2016 – 07/31/2018  
Total Award Amount: \$549,988  
Location of Project: The University of Kansas, Lawrence, KS  
Role: Co-PI