

Abha Singh Ph.D.
Professor of Science Education

- Szyjka, S. & Singh, A., Stinnett, M., (2013). Award from Tracy Foundation. Curriculum Reconfiguration: Integrating Science and Literacy throughout St. Paul School, Macomb, IL (K-6). \$64,000.
- Yager, R. & Singh, A., Yutakom, N., Yager, R., Ali, M., (2009-2010). Constructivist Teaching Practices Used by Five Teacher Leaders for the Iowa Chautauqua Professional Development Program. Iowa Department of Education, \$ 150,000.
- Singh, A., (2007-2008). Impact of an Extracurricular Science Program on Middle School Students through Teacher Professional Development. Center for the Gifted Foundation Iowa. \$5,000.
- Singh, A. (2007-2008). FINE SCHOLAR. Award Recipient of (First in the Nation) award from State of Iowa. \$1000
- Singh, A. (2006). Charles Day Scholarship and Award. Awarded at the University of Iowa. \$2000
- Singh, A. (2005). Erwin and Louise Wasta International Award. Recipient of this award 00.

Publications/Scholarly/Creative Activities

- Szyjka, S., Singh, A., Stinnett, M. (2018). Perspective Into How An Integrated Science And Literacy Program Can Influence Teacher and Student Outcomes. *Journal of European Education.* Vol. 8 (2), 14-36.
- Singh, A., Olsen, J., Mann, R., Logan, L., Hartweg, K., (2017). Department of Energy / National Renewable Energy Laboratory for Illinois Institute for Rural Affairs: STEM through a Wind Turbine K-12 Science/Math Curriculum. Germany: Lambert Publishing Company GmbH & Co.KG.
- Singh, A. (2016). Impact on Teaching: Consistent Knowledge Development, Reflection and Practice *International Journal of Teaching, Learning and Educational Research*, Vol. 15 (1), 15-37.
- Singh, A., Lyons, M. (2016). Evidence Based Models in Science Education. Norton. T. (Ed),

Learning and Educational Research, Vol. 13 (1), 42-54.

Stinnett, M., Singh, A. (2014). Literacy Methods for Teachers and Ways to Provide Culturally Relevant Instruction. *Wisconsin State Reading Association Journal*, Vol. 52 (1), 13-20.

service science teachers at the National Science Teachers Conference at Indianapolis, IN on March 28, 2012

Singh, A. (2011). Teaching Early Childhood students using the process approach. Presented at th Biennial Convo on November 3, at Indianapolis, IN.

Singh, A. (2011). Using stories to differentiate instruction: Cultivating an engaging learning experience for children. Co-Presented at peer reviewed International Conference-th Biennial Convo on November 3 held at Indianapolis, IN.

Singh, A. (2010). Developing Awareness of Individual Impact on the Environment Through Activities. Presented a workshop meant for elementary and middle school science teachers at the National Science Teachers Association (NSTA) conference on October 30 at Kansas City, Missouri.

Singh, A. (2009). Walking through Millions of Years to Teach Integrated Science. Presented a paper and workshop for elementary and middle school science tea at the National Science Teachers Association (NSTA) conference on October 30 at Minneapolis, MN.

Singh, A. (2009). Constructivism and Meeting the Needs to Middle School Science Teachers. Presented Research and a Paper at the National Association of Gifted Children (NAGC) held at St Louis, MO on November 5.

Singh, A. (2009). Developing effective inquiry investigations for gifted science students. Presented a workshop for in-service elementary and middle school science teachers National Association of Gifted Children (NAGC) at St Louis, MO on November 5.

State

Singh, A. (2018). Science Technology Engineering Arts and Math (STEAM) for Early Childhood Learners. Presented Workshop for Pre-K and Kg Teachers at The Prek- 8 Science Update Conference at Western Illinois University Friday, April 20, 2018.

Singh, A. (2017). Presented at the Illinois Science Teachers Conference (ISTA&ICTM) on

(Singh, A. (2017). Presented at the Illinois Science Teachers Conference (ISTA&ICTM) on October 27, 2017 in Peoria, IL. Assessment for Effective Mathematics Education 2017 1612 12 792 reW*nBT/F1

- Singh, A. (2010). Integration of Science and Math in the PreK Classroom. Workshop presented for Elementary in-service teachers at the Illinois Science Teachers Association (ISTA) on Nov 13 at Springfield, IL
- Singh, A. (2009). Movement of Engage Learners for Science. Presented a workshop for Elementary in-service teachers at the Illinois Science Teachers Association (ISTA) on Nov 13 Peoria, IL
- Singh, A. (2008). Catch Some Rays. Presented a workshop for elementary in-service teachers at the Illinois Science Teachers Association (ISTA) on Nov 14 at Peoria, IL
- Singh, A. (2008). Got Milk. Presented a workshop for Elementary in-service teachers at the Illinois Science Teachers Association (ISTA) on Nov 14 at Peoria, IL
- Singh, A. (2013). Science Technology Engineering and Math. Presented a 4 day workshop on Integration of Science and Math at the WIU-Mathematics Institute for in-service junior high and high school teachers from July 15-22.
- Singh, A. (2014). _____. Presented Workshop for Pre-K and Kg Teachers at the Prek-8 Science Update Conference at Western Illinois University Friday, April 23, 2014.
- Singh, A. (2013). Dancing Milk. Presented Workshop for Pre-K and Kg Teachers at the Prek-8 Science Update Conference at Western Illinois University Friday, April 19
- Singh, A. (2013). Project Wild/Aquatics. Facilitated workshop for pre-service teachers on May 3 for IDNR.
- Singh, A. (2012). Project Wild/Aquatics. Presented workshop for pre-service teachers on October 7, 2012
- Singh, A. (2012). Oreo Discourse. Presented Workshop for Pre-K and Kg Teachers at the Prek-8 Science Update Conference at Western Illinois University Friday, April 20
- Singh, A. (2012). Project Wild/Aquatics. Presented workshop for pre-service teachers on March 15,
- Singh, A. (2012). Science Technology Engineering and Math. Presented a 3 day workshop on Integration of Science and Math at the WIU-Mathematics Institute for in-service junior high and high school teachers from July 11-22.
- Singh, A. (2011).

IDNR.

Singh, A. (2009). Project Wild/Aquatics. Facilitated workshop for pre-service teachers on September 11 for IDNR.

Professional and Academic Service

Professional

1. Editorial Review Board of the Journal of Science Teacher Education (JSTE) since 2008.
2. Reviewers for Journal of Science Teacher Education since 2009
3. Re

2008 to present: Event Captain for various Science Olympiad Events.

University

2012 to present: Member of the University Teacher Education Committee (UCEP).

2011-2014: Member of the Center for Innovation in Teaching and Research Advisory Committee at WIU.

2011 2013: Member of the Professional Research & Creative Activities Committee at WIU.

College/ Department

2012 to present: Kappa Delta Pi Counselor (Department)

2012- 2016: Nominations and Elections Committee (Department)

2011- 2014: Undergraduate Academic Affairs Committee (UAAC) (College)

2009-2011: C&I Scholarship Committee (Department)

2008 -2012: Kappa Delta Pi President (Department)

2012 to present: Kappa Delta Pi Counselor

Community

2011- to present: Wesley Methodist Church Trustee

2012- to present: Member of the Wesley Methodist Church Witness Team

Professional Memberships/Affiliations

2004 to present: National Science Teachers Association (NSTA)

2006 to present: National Association of Gifted Children (NAGC)

2008 to present: Illinois Science Teachers Association (ISTA)

2009 to 2012: Kappa Delta Pi International Honors Society of Education (KDP)

2009 to present: Association of Supervision and Curriculum Development (ASCD)