

Natasha Yates

Curriculum Vitae

St. Catherine University
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Education

Hamline University, EdD student specializing in Environmental Science Education expected completion 2023
University of Wisconsin-Stout, graduate course work in psychology 2010
Columbia University Teachers College, M.A. Science Education 1989
Beloit College, B.A. Psychology 1985

Academic Experience

Assistant Professor *St. Catherine University* 2010 – Present
Department of Education & National Center for STEM Elementary Education

- Undergraduate & Graduate Courses taught:
 - EDUC: 2030/5030: Earth & Space Science for Educators
 - EDUC: 6860: Elementary Earth Science
 - EDUC: 2070/5070: Teachers as Leaders in a changing society
 - EDUC: 600D: Teacher in the Classroom
 - EDUC: 2800/5800: General Methods: Elementary
 - CHEM 1000: Chemistry of Life (Co-Taught with a chemist)
 - PHYS 1200 Engineering in Your World (Co-Taught with an engineer)
 - CHEM 2150: Environmental Chemistry (Co-Taught with a chemist)
 - CORE 1000: The Reflective Woman (TRW)
 - BIOL 1110: Environmental Biology (Co-Taught with a biologist)
- Guest Lecturer: developed & taught Earth Science short unit for J-Term 2013
 - PHYS 2994: ChangeMakers: Physics, Engineering and Our Dynamic Earth
- Teaching Professional Development Courses:
 - SySTEMic Integration for grades K-6 in-service teachers
St. Anthony Catholic School Madison, Mississippi Aug 2016
 - SySTEMic Integration for grades 1-5 in-service teachers
St. Joseph's School Shreveport, Louisiana July 2015
 - Engineering Basic for grades 1-8 in-service teachers
The Independence School in Newark, Delaware August 2013
- In-Service Graduate Courses:
 - EDUC 5993: Environmental Chemistry, *Frassati School, White Bear Lake, MN* Aug. 2014
 - EDUC 6820/6821 Co-designed *Engineering Basics+ Lab* Graduate Course Spring 2014
- Coaching: STEM Implementation for teachers of *The Independence School* in Delaware
 - Grade Teams K-2; 3-4; 5th grade & middle school interdisciplinary team Oct-June 2014

- Academic Advising
 - Education Majors (undergraduate, graduate, elementary & secondary) 2011 – present
 - EDUC: 8920: Action Research Project *STEM Cooperative Learning Groups* spring 2019
 - Antonia Honor's Society Faculty Committee member for a Women's & International Development Major on her Honor's Project *The Tyranny of Good Intentions: A Critical Analysis of International Volunteer Tourism and Implications for Development* spring 2018
 - First year traditional day students (TRW class) 2013
- University Supervisor for student teacher candidates
 - Howe Elementary Minneapolis - Grade 4 spring 2018
 - Centennial Elementary Minneapolis - Grades 1 & 4 spring 2018
 - Central High School – 10th grade biology spring 2017

Adjunct Psychology Instructor *Minnesota State College Southeast Technical* 2009-2010
 Course Taught: Lifespan Developmental Psychology on the Red Wing campus

Teaching Licenses

Minnesota tier 4 state teaching license:	Life Sciences – Grades 7 – 12	active
New York state teaching license:	Biology & General Science - Grades 7 – 12	permanent
Licensed as a Co-Teacher Trainer	from St. Cloud University	permanent

K-12 Teaching Experience

Tutor 2003-2009

- K – 6: Math & Language Arts
- 7 - 12: Biology, Writing, Social Studies, Math, Study Skills
- College: Biology, Nutrition, Study Skills
- Substitute Teacher, Red Wing School District: 4th grade & High School Biology

Science Teacher Central Middle School, Eden Prairie, MN (tenured) 1996-2000

- Teaching Experience: 7th grade Physical Science, 8th grade Life Science & Enriched Science
- Volunteer on the Red Alert Team (emergency medical help)
- Member of SEED (Seeking Educational Equity through Diversity)
- Served on the Diversity Committee, Project 2000 Committee, and Science Curriculum Improvement Committee
- 8th grade Team Representative

Science Teacher United Nations International School, New York, NY (tenured) 1989-1996

Teaching Experience: 8th grade Environmental Biology, 7th grade Earth & Space Science, 6th grade General Science, and 5th grade Homeroom Teacher

- Developed curriculum for middle school science program
- Directed environmental education sleep-away camp for school
- Coordinated 8th grade annual science fair
- Advisor for 7th grade plate tectonics club
- Trainer for computer use in staff and faculty development workshops
- Taught computer keyboarding in after-school programs for gr. 5-12
- Taught ClarisWorks 4.0 to teachers

- Served on science curriculum and school finance committees for European Council of International Schools Accreditation
- Chaperoned 7th & 8th graders to the Yokohama International Peace Conference in Japan

Peace Corps Volunteer Botswana, Africa

1986-1988

Teacher in the Selebi-Phikwe High School, a boarding school, for 6 months

- Taught 11th grade Biology
- 9th grade Biology, Chemistry and Physics

Teacher in a new 8th - 9th grade secondary school in Lethlakeng for 18 months

- Served as Chair of the Science Department
- Taught 8th & 9th grade General Science and 8th grade ELL (English Language Language)
- Served as interim Chair of the English as a Second Language Department
- Supervised student teacher trainees in ELL and science teaching
- Coached track and field

Peer Reviewed Presentations at National Conferences

Yates, N. (2019, June 7-9). *How can closure activities end my lessons with a lasting impression?* PowerPoint Presentation at the 16th Annual Teaching Professor Conference, New Orleans, LA.

Yates, N. (2018, October 24-26). *Co-teaching beyond team-teaching; co-planning do's & don'ts and instructional strategies.* PowerPoint Presentation at the 3rd Annual National Conference on Co-Teaching, Bloomington, MN.

Jordan, A. & **Yates, N.** (2016, March 13-17). *Discovery learning approach to atomic structure and the periodic table: Training current and future teachers what really matters in NGSS.* In the *Chemists Helping Teachers Incorporate Next Generation Science Standards (NGSS) into Their K-12 Classrooms* Theme. PowerPoint presentation at the 251st American Chemical Society (ACS) National Meeting & Exposition, Computers in Chemistry San Diego, CA.

Smith, K., **Yates, N.** (2015, June 24-26). *Application of a Solar Balloon Activity in a Course for Pre-Service Elementary Education Teachers.* Paper presented at the 6th annual meeting of the Stratospheric Ballooning Association's Academic High-Altitude Ballooning Workshop (AHAC). DePaul University, Chicago, IL. Paper retrieved from <http://via.library.depaul.edu/cgi/viewcontent.cgi?article=1036&context=ahac>

Yates, N. (2015, March 12-15). *Co-Teaching to Improve Learning in STEM in Higher Education.* PowerPoint presentation at the National Science Teachers Association (NSTA) National Conference: *Chicago: Great Lakes/Great Ideas*. Chicago, IL.

Yates, N. & Smith, K (2015, January 3-6). *Teacher Preparation: Exemplary Ways to Prepare Elementary School Teachers to Meet the NGSS Challenge: Engineering in Your World.* PowerPoint presentation at American Association of Physics Teachers (AAPT) National Winter Meeting. San Diego, CA.

Yates, N. (2013, Oct. 31-Nov 3). *Co-Teaching in Higher Education.* Poster presented at the annual conference of the Association of American Colleges and Universities & Project Kaleidoscope (AAC& U & PKAL) *Transforming STEM Education: Inquiry, Innovation, Inclusion, and Evidence*. San Diego, CA.

Yates, N. (2013, April 11-14). *Inspiring STEM Elementary Teachers.* PowerPoint presentation at the annual National Science Teachers Association National Conference (NSTA): *Next Generation Science: Learning, Literacy, and Living*. San Antonio, TX.

Mancini-Samuels, G. & **Yates, N.** (2012, November 8-10). *Creating a STEM Minor: Case Study of a Successful Collaborative Between STEM and Education Faculty.* PowerPoint presentation at the annual conference of

the Association of American Colleges and Universities & Project Kaleidoscope (AAC& U & PKAL):
Next Generation STEM Learning: Investigate, Innovate, Inspire. Kansas City, MO.

Peer Reviewed Presentations at Regional Conferences

- Geisler, C., Farr, C., Jensen, M.Q., Kalis, A., Tweeten, K., **Yates, N.** (2019, August 29). *Fostering a Culture of Scholarship at St. Kate's*. Faculty and Staff Institute St. Catherine University.
- Yates, N.** (2015, May 22). *WATER: Using a STEM approach to teaching about this most valuable resource*. PowerPoint presentation with demonstration & hands-on breakout session at the National Science Teachers (NSTA) Association Area Conference: *STEM Forum & Expo* Minneapolis Convention Center, MN.
- Jordan, A. & **Yates, N.** (2015, May 22). *Discovering the Periodic Table*. PowerPoint presentation with demonstration & hands-on breakout session at the National Science Teachers (NSTA) Association Area Conference: *STEM Forum & Expo* Minneapolis Convention Center, MN.
- Yates, N.** (2014, August 14). *Faith the Fish: A Journey Down Stream – Investigating Water Pollution*. PowerPoint presentation with demonstration & hands-on breakout session at the annual Minnesota Independent Schools Forum (MISF) STEM Teacher Seminar, St. Thomas University, St. Paul, MN.
- Yates, N.** (2012, August 16). *A Jigsaw Approach to Discovering Plate Tectonics*. Served as Liaison and gave a PowerPoint presentation with hands-on break out session at the annual Minnesota Independent Schools Forum (MISF) STEM Teacher Seminar, St. Catherine University, St. Paul, MN.
- Yates, N.** (2011, November 7). *The Nature of Science: Science as Inquiry*. PowerPoint presentation with hands-on break out session at the annual Minnesota Nonpublic School Accrediting Association (MNSAA) conference at St. Catherine University, St. Paul, MN.
- Yates, N.** (2011, August 11). *Hawks and Mice: Natural Selection in Action*. Served as Liaison and gave a PowerPoint presentation with hands-on break out session at the annual Minnesota Independent Schools Forum (MISF) STEM Teacher Seminar at St. Catherine University, St. Paul, MN.

Invited Presentations

- Yates, N.** (2021, January 21). *Daybreak Woman*. Presented and led a discussion on pre-1862 Dakota and mixed-ancestry culture of the Mni Sota Makoce, the US-Dakota War, and the 19th century post war life for Dakota and Anglo-Dakota people to a Red Wing Woman's Group via Zoom.
- Yates, N.** (2020, December 10). *Peace Corps Prep at St. Kate's*. TRW Transfer Student Section, St. Catherine University, St. Paul, MN.
- Yates, N.** (2019, October 17). *Fresh Water: A Precious Gift from Earth*. Early Montessori Minnesota Workshop, St. Catherine University, St. Paul, MN.
- Yates, N.** (2017, May 5). *Movin On: United States Peace Corps*. PowerPoint Presentation Twin Bluff Middle School, Red Wing, MN.
- Yates, N.** (2016, August 11). *Discovering Plate Tectonics using a Jigsaw Method*. PowerPoint presentation with demonstration & hands-on breakout session at the annual Minnesota Independent Schools Forum (MISF) STEM Teacher Seminar, Concordia Academy, Roseville, MN.
- Yates, N.** (2003, April 12). *Environmental Health in the Home*. Presentation for Parent Group in Hopkins, MN.
- Yates, N.** (2003, April 8). *Environmental Health in the Home*. Presentation for Mayflower Congregational Church in Minneapolis, Minnesota to Parents of Young Children, Minneapolis, MN.

Editorial Committee Reviewed Publications

Environmental Non-Fiction

- Yates, N. (July 2008). Weed Killers. *The Red Wing Current: a city government report*, 15(7), 16.
- Yates, N. (March 2008). Winter White Turns to Spring Green. *The Red Wing Current: a city government report*, 15(1), 12.
- Yates, N. (April 2007). Global Warming and You. *The Red Wing Current: a city government report*, 14(4), 13.
- Yates, N. (December 2006). Eco-Friendly Holidays. *The Red Wing Current: a city government report*, 13(12), 12.
- Yates, N. (August 2006). Bee Safety *The Red Wing Current: a city government report*. 13(8), 14.
- Yates, N. (June 2006). Poison Free Pest Prevention. *The Red Wing Current: a city government report*, 13(6), 14.
- Yates, N. (May 2006). Toxic Free Lawn and Garden Care. *The Red Wing Current: a city government report*, 13(5), 13.
- Yates, N. (May 2006 & May 2007). Toxic Free Spring Cleaning. *The Red Wing Current: a city government report*, 13(5) 13. & 14(5) 13.

Creative Nonfiction

- Yates, N. (2017, Oct. 14 & 15). Three Professors on Safari in Zambia? *Red Wing Republican Eagle*, 132(12) pp. B1, B3.
- Yates, N. (2015, July/August). Twelve-Year-Old Boys, Physics and a Pair of Glasses. *TWINS: A Magazine for Multiples*, 32(4), 8-9.
- Yates, N. (2014, Sept/Oct.). Potty Training Nightmare. *TWINS: A Magazine for Multiples*, 31(4), 20. Reprinted 2017, July/August, 34(4), 16.
- Yates, N. L. (August 2005). Summer Vegetable Soup *Cooking Light Magazine*, 19(7), 156.
- Yates, N. (2002). Tribute to a Grandfather. In *God Knows Caregiving Can Pull You Apart* Ed. Gretchen Thompson. Notre Dame, Indiana: Sorin Books, 104-105.
- Yates, N. L. (2001). Photograph: Jessica, Jewel of July. In *Windows to the Soul*. Ed. Patrick King. Owings Mills, MD: International Library of Photography,

Manuscripts in preparation

- Barrett, K., Rabaey, P., Biggs, J., Plumer, D. Opokua, S., Yates, N., Hearst, M., Development of an interprofessional community health course in Zambia. *Journal of Interprofessional Care* submitted August 26, 2020, send back for revisions, resubmitted in May, 2021
- Yates, N. *Matisse and 11-Year-Old Boys* thinking where to send for publication
- Yates, N. *Let's not lose them: STEM Starts Before Elementary School*, in progress to submit to an academic or literary journal
- Yates, N. *Why I Teach Science* in progress to submit to an academic or literary journal
- Yates, N. *Students Preparation for Class, or Lack Thereof* academic article in progress to submit to an Education Newsletter or NSTA Journal for College Teaching
- Yates, N. *Growing Up: Discord and Dresses* thinking where to send for publication
- Yates, N. *After the Battle* thinking where to send for publication

Other Scholarly Work

- Doctoral student at Hamline University working towards an EdD specializing in Environmental Science Education Presently
- Attended St. Catherine University's 2019 Scholars' Retreat,
 - Oak Ridge Conference Center 10-14 June 2019
- Designed Middle School Science Endorsement program for K-6 Education major Approved by the Minnesota Department of Education for St. Catherine University 2014 & 2019
- Developed an ISTE Teaching Technology Portfolio of work www.nlyates.weebly.com April 2018
- School of Business and Professional Studies - Academic Salon
 - Station Topic: *Setting an Inclusive Context for Learning* October 2013
- NCSEE (National Center for STEM Elementary Education) Workshop Presenter:
What is Co-Teaching in Higher Education?
 - Part I Planning 19 February 2013
 - Part II Instruction 19 March 2013
 - Part III Assessment 16 April 2013
- Re-assessing and updating Chemistry 1000 and Biology 1110 to align with the Minnesota State Science Teaching Standards & Minnesota Board of Teaching Standards 2011-12
- **Yates, N.** (2010, December) Poem: *Twelve Weeks too Soon* reading at the St. Catherine University Scholar's Circle Creative Writing Panel. St. Paul, MN
- **Yates, N.** (2010, December) Memoir Piece: *After the Battle* reading at the St. Catherine University Scholar's Circle Creative Writing Panel. St. Paul, MN

St. Catherine University service to University

- Member of the SHAS School Curriculum Committee 2019 - 2022
- GHR Global Health Committee Member 2017- present
 - MPH Global Innovation Award Review Subcommittee
 - Travel to Zambia investigating service-learning sites for St. Kate students Summer 2017
- Peace Corps Prep Program Committee Member 2016 - present
- Member and Co-Chair of Academic Professional Development Committee (APDC) 2014-2017
- **Exhibitor** representing NCSEE (National Center of STEM Elementary Education) at the MESPA (Minnesota Elementary School Principals Association) Institute on *Growing the Minnesota Child, Full STEAM Ahead* 2014
- Member of Search Committees for
 - STEM Education Department Faculty Member Summer 2017
 - Kindergarten Methods in Education Department Faculty Member Spring 2014
 - Executive Director of NCSEE Summer 2013
 - Engineer in the Math/Physics Department Spring 2012

St. Catherine University service to Education Department

- Education Department Policy Committee 2014-present
- **Yates, N.** Bjerke, H. (December 2015). *Preparing Elementary Teachers to Teach STEM* PowerPoint presentation to the Minnesota Board of Teaching Institutional Visit Welcome Dinner, St. Catherine University, St. Paul, MN December 2015
- NCSEE Committee Member 2010-2015
- Education Department program Revision Committee 2010-2011
- University WEC Student Recruiting Event 2010-2011
- Conducted Pre-student teaching interviews and evaluations bi-annually

Professional Service to Independent School District # 256, & Southeast Region of Minnesota

- Board of Directors: Eagle Bluff Environmental Learning Center 2013 – Present
 - Education Sub-Committee Member opening a [Nature Preschool](#) 2018 - present
- Chaperone for Red Wing High School band students' *Performance Tour of Nashville, TN* March 2019
- Founding Member of Board of Directors: Red Cottage Montessori School 2010 – 2018
- Chaperone for Red Wing High School chemistry students to the University of Minnesota – Twin Cities campus for their student poster sessions presenting their *Furfural for Biofuel* research May 2018
- Chaperone for Red Wing High School students to *Broadway Student Summit Workshop*, New York, NY July 2017
- Scorer for the annual Southeast MN Regional 5th grade *Math Masters* Competition April 2013
- Taught Physics/Engineering to Troop 32 Gamehaven Webelo Scouts to help them earn their science & engineering badges Dec. 2012 & Jan. 2013
- ISD #256 Facility Assessment & Master Plan Committee Member 2012
- Chaperoned 4th graders from Burnside Elementary to the MN Science Museum and helped with engineering lessons and museum expedition January 2012
- Advisor to Red Wing School District School teacher who was "Unwrapping" the district's curriculum to the MN state science standards and benchmarks Nov 2010
- ISD #256 School Improvement Committee Member 2010
- ISD #256 Gifted and Talented Curriculum Committee Member 2009-2010
- ISD #256 Curriculum and Instruction Committee Member 2007-2010
- Volunteer in K, 1st, 2nd, 3rd grade classes with reading and math tutoring 2007-2009
- Sunnyside Elementary School Junior Great Books Leader for 2nd graders 2007-2008

Other Service to Children

- First Presbyterian Church, Red Wing, MN 2006-Present
 - Church Nursery Attendant Coordinator
 - Christian Education Committee Member
 - Walk the Talk (6th – 9th grade) Sunday School Teacher
 - Youth Education Coordinator Search Committee Member
 - Christian Education Director Search Committee Member
 - Christian Education Curriculum Evaluator

- High School Christian Education Teacher

- Minneapolis Children's Hospital: Volunteer 2003-2009
 - NICU (Neonatal Intensive Care Unit)
 - Parent to Parent Volunteer & Educator

- New York Cares: Manhattan, New York: Quarterly Volunteer 1994-1996
 - Participated in recreational activities for terminally ill children

- Jennie Clark Homeless Shelter: East Harlem, New York: Bi-monthly Volunteer 1993-1996
 - Children's Cultural Education Program:
Chaperoned homeless children to recreational events in Manhattan, NY
 - Children's Reading Program:
Escorted homeless children to the library to teach library and reading skills

Awards, Grants and Competitions

- **The Denny Prize for Distinction in Writing Award** **Honorable Mention**
St. Catherine University: *Matisse and Eleven-Year-Old Boys* May 2020
- **Academic Professional Development Committee (APDC)** **\$1200**
Yates, Natasha and Whalen, Elizabeth, "Integrated STEM Pedagogy Curriculum - Program Development" (2019). *Internal Grant Awards*. 249.
http://sophia.stkate.edu/internal_awards/249 Granted May 2019
- **Nominated** for 2018-2019 St. Catherine University Excellence in Teaching and Advising Award.
- **Academic Professional Development Committee (APDC)** **\$1400**
Travel Grants to present at conferences 2013 - 2019
- **Recognized** as a faculty mentor by two students nominated for an All-University Student Leadership Award. Spring 2017
- **The Denny Prize for Distinction in Writing Award** **Winner in Creative Category: \$1500**
St. Catherine University: *Twelve-Year-Old Boys, Physics, and a Pair of Glasses* Won May 2016
- **Academic Professional Development Committee (APDC)** **\$2033**
PI for STEM Certificate Course Development Project Granted October 2015
- **Academic Professional Development Committee (APDC)** **\$4440**
Scholarly Research Grant: Project Title: Programmatic Assessment of the St. Catherine University Elementary Education STEM Certificate (PI) Denied October 2014
- **Academic Professional Development Committee (APDC)** **\$400**
Curriculum Development Award with Dr. Jordan to Modify CHEM 1000 for hybrid delivery
Granted March 2014
- **Faculty Institute for NASA Earth & Space Science Education (FINESSE)** **\$300**
To attend the FINESSE workshop in Clearwater Beach, FL Granted January 2012
- **2nd Place Winner** in the Red Wing Public Library Six Word Story competition
Train late, wedding cancelled, flying home. August 2010
- **Honorable Mention** Writer's Digest 74th Annual Writing competition
"After the Battle" memoir essay 30 November 2005

Professional Development and Affiliations

Member of the North American Association for Environmental Education	2020 – Present
Member of the Association for Supervision and Curriculum Development (ASCD)	2014 – Present
Member of the Stratospheric Ballooning Association (SBA)	2015 – lifetime
Member of the American Chemical Society (ACS)	2015 – 2017
Member of the American Association of Physics Teachers (AAPT)	2014 – 2016
Member of the National Science Teachers Association (NSTA)	2010 – 2016
Attended <i>Nature Connections for Children: Why it matters</i> with Speaker Aimee Bissonette Eagle Bluff Environmental Learning Center: Dinner on the Bluff Series	27 March 2021
Attended the Early Childhood Inclusion for Teachers: What, Why, How? Webinar, St. Catherine University	24, February, 2021
Attended Red Leaf Press discussion with David Sobel on Early Childhood Outdoor Education	28, January 2021
Attended the MIA (Minneapolis Institute of Art) Native Alliance Dr. Robyn Wall Kimmerer	4 Dec. 2020
Attended the Dyslexia Learning & Resources Webinar, St. Catherine University	17, November, 2020
Attended Fund raising workshop at Eagle Bluff Environmental Learning Center	8, August 2020
Attended TLN (Teaching and Learning Network) at St. Catherine University	Each January 2011-2020
Completed Certificate of Achievement of A.L.I.C.E. Hostile Intruder Training at St. Catherine University	18 April 2019
Attended <i>The Plight of the Honeybees: Why are they disappearing?</i> with Speaker Dr. Marla Spivak Eagle Bluff Environmental Learning Center: Dinner on the Bluff Series	6 April 2019
Attended <i>The Future of Farming in the Age of Climate Change</i> with Speaker Dr. Mark Seeley Eagle Bluff Environmental Learning Center: Dinner on the Bluff Series	3 February 2019
Audited <i>Art of Biology</i> an undergraduate course at St. Catherine University	Fall 2018
Attended TIES Education Technology Conference <i>Empowering Learners What's Your Story?</i> Hyatt Regency Hotel, Minneapolis, MN	11-12 December 2017
Attended TIES Education Technology Conference <i>Empowering Learners</i> Hyatt Regency Hotel, Minneapolis, MN	12-13 December 2016
Attended 9 th Annual FREC (Facilitating Racial Equity Collaborative) <i>Overcoming Racism Conference:</i> <i>Disrupt Racism as Usual</i> Metropolitan State University, St. Paul, MN	28-29 October 2016
Attended Minnesota Educator Academy – Education Minnesota Conference Rivercenter, St. Paul, MN	20 October 2016
Attended MMEW (Minnesota Center for Mineral Resource Education Workshop) Gustavus Adolphus University	21-23 June 2016
Completed Google Advanced Certificate Training at St. Catherine University	23 May 2016
Attended MACTE (MN Association of Colleges for Teacher Education) Meeting and Collaboration, Crown Plaza West Plymouth, MN	15 April 2016
Completed Sans Securing the Human Training Courses	2 March 2016
Attended <i>Conservation Development</i> with Speaker Randall Arendt Eagle Bluff Environmental Learning Center: Dinner on the Bluff Series	9 January 2016
Attended TIES Education Technology Conference <i>Transforming Pedagogy with Technology</i> Hyatt Regency Hotel, Minneapolis, MN	14-15 December 2015
Completed Title IX Training Required by St. Catherine University	21 November 2015
Attended Youth Mental Health First Aid Training Red Wing High School, Red Wing, MN	6 August 2015

Attended Minnesota Educator Academy – Education Minnesota Conference Rivercenter, St. Paul, MN	16-17 October 2014
Securing the Human - Security Awareness SANS Institute Internet Safety Courses offered by SCU	February 2014
Attended the 6 th Annual Macalester Summer Session <i>Food, Famine and Farming: Can We Feed the World Sustainably?</i>	28-3 July 2013
Attended at Invitation Minnesota First® Robotics Tournament (For Inspiration and Recognition of Science and Technology) Held at the University of Minnesota	30 March 2013
Completed Sloan-C Institute: Workshops	
The Sloan Consortium: A Consortium of Institutions of Organizations Committed to Quality Online Education	
Blended Learning – Part 1: Designing Courses and Building a Community	5-28 Sept. 2012
Blended Learning – Part 2: Delivering Content, Fostering Student Interactivity, and Assessing Learning	3-26 Oct. 2012
Blended Learning – Part 3: Stay Organized and Evolve (Before, During, and After)	7-30 Nov. '12
Attended Minnesota Educator Academy – Education Minnesota Conference Rivercenter, St. Paul, MN	18 October 2012
Attended ENVoY Non-verbal Classroom Management Training St. Catherine University Education Department	28 September 2012
Attended MMEW (Minnesota Center for Mineral Resource Education Workshop) Winona State University Department of Geoscience	19-21 June 2012
Licensed as a Trainer Co-Teaching Train the Trainer Workshop: <i>The Academy for Co-Teaching and Collaboration</i> at St. Cloud State University	May 2012
Attended Faculty Institute for NASA Earth & Space Science Education (FINESSE) Workshop in Clearwater Beach, FL	January 2012
Attended the MACTE (Minnesota Association of College Teacher Educators) Conference	October 2010 & April 2011

Biology & Psychology Research Experience

Biochemical Consultant 3M Company, St. Paul, MN	Summer, 1988
Conducted biochemical research included membrane technology, radioimmunoassays, and enzymeimmunoassays towards the development of diagnostic beads in the lab of Dr. Patrick Coleman	
Primate Behavioral Field Research: School for Field Studies, Panama, South America	Summer, 1985
Primate behavioral research conducted on population density, home range use and social organization of the Panamanian Tamarin Monkey in conjunction with the Smithsonian Tropical Research Institute	
Ornithology Research: Beloit College, Beloit, WI	Spring, 1985
Red-winged blackbirds: Field research assistant to Dr. Ken Yasukawa determined home range territory of male red-winged blackbirds in Wisconsin marsh setting, social organization and behaviors at dawn over a three-month period	
Pigeons: Lab research, observed preening, cooing, walking, pecking, tail spreading behaviors in pigeons in response to audio pigeon sounds	

Psychology Research: Beloit College, Beloit, WI

Spring 1985

Lab research, conditioning and learning behaviors in mice

Internship and Research paper: *Domestic Abuse and Wisconsin Law*