Vita

NAZAN ULUDAG BAUTISTA

210 East Spring Street,
401 McGuffey Hall, Oxford, OH 45056
nubautista@miamiOH.edu, 513.827.1028

EDUCATION

Doctor of Philosophy, Science Education, Syracuse University, Syracuse, NY.
Dissertation: Teaching for Understanding: Exploring Preservice Science Teachers' Beliefs and Practices, under the guidance of Dr. John W. Tillotson. August 2005.
Master of Science, Science Education/Extended Study/Physics, Syracuse University, Syracuse, NY. August 2001.
Bachelor of Science, (Major: Physics Education, Minor: Physics), Middle East Technical University, Ankara, Turkey. July 1995.

RESEARCH

Publications:

Refereed Journal Articles (published/in press)

Bautista, N.U. (accepted). Exploring the impact of TeachME™ Lab virtual classroom teaching simulation on early childhood education majors' self-efficacy beliefs, *Journal Science Teacher Education.*

Bautista, N.U. (in press, anticipated in April 2014). Level up: Addressing ELLs' language proficiencies and cognitive abilities in science classrooms, *The Science Teacher.*

Bautista, N.U., Schussler, E.E., & Rybczynski, S. (2013). Instructional experiences of graduate assistants implementing explicit and reflective introductory biology laboratories. *International Journal of Science Education.*

Schussler, E.E., **Bautista, N.U.**, Link-Perez, M.A., Solomon, N. G., & Steinly, B. A. (2013). Instruction matters for nature of science understanding in college biology laboratories. *Bioscience.*

Bautista, N. U. (2011). One hungry dinosaur: Exploring the relationship between dinosaurs' physical features and diets. *Science and Children.* 49(4), 62-64.

Haverkos, K. A. & **Bautista, N. U.** (2011). Environmental literacy through relationships: Connecting biomes and society in a sustainable city. *Science Scope.* 35(2*)*, 63-70.

Bautista, N. U. (2011). Investigating the use of vicarious and mastery experiences in influencing early childhood education majors' self-efficacy beliefs. *Journal of Science Teacher Education. 22*(4), 333-349.

Bautista, N. U. & Castañeda, M. E. (2011). Teaching science to ELLs, Part I: Key strategies every science teacher should know. *The Science Teacher.* 78(3), 35-39.

Castañeda, M. E. & **Bautista, N. U.** (2011). Teaching Science to ELLs, Part II: Classroom-based assessment strategies for science teachers. *The Science Teacher. 78*(3), 40-44.

Bautista, N. U. & Schussler, E. E. (2010). Implementation of an explicit and reflective pedagogy in introductory biology laboratories. *Journal of College Science Teaching. 40*(2), 18-23.

Bautista, N. U. & Peters, K. N. (2010). First grade engineers: Students build strong houses. *Science and Children.* 47(3), 32-36.

Bautista, N. U. (2007). The interview as a way to assess preconceptions. *The Hoosier Science Teacher, 33*(2), 58-62.

Books (Peer Reviewed)

Nutta, J., **Bautista, N. U., &** Butler, M. B., (2010). *Teaching science to English language learners*. New York, NY: Routledge.

Book Chapters (Reviewed by an Editorial Board)

Schussler, E. E. & **Bautista, N. U.** (2012). Learning about Nature of Science in Undergraduate Biology Laboratories. In Khine, M. S. (eds.) *Advances in the Nature of Science Research.* New York, NY: Springer.

Bautista, N. U. (2011). What does an ELL infusion in a science methods course look like? In Nutta, J. et al. (Eds). *Preparing Every Teacher to Reach English Learners: A Practical Guide for Teacher Educators*. Harvard Education Press.

Bautista, N. U., Winslow, J., *Nafziger, K., *Motter, B. M., & Lowery-Bretz, S. (2009). Partnership for Science and Reading Integration. In T. Poetter & J. Eagle (Eds.), *The Art and Science of Partnership*. Lanham, MD: University Press of America.

Refereed Conference Proceedings

Bautista, N.U. (2014). Learning to teach inquiry-based science instruction via mixed-reality teaching practices in a methods course. Presented at the *Society of Information Technology and Teacher Education* in Jacksonville, FL.

Schussler, E. **E., Bautista, N. U.**, *Link-Perez, M. (2010). Undergraduate and teaching assistant nature of science understanding in an explicit / reflective biology laboratory. Presented at the annual meeting of the *National Association of the Research in Science Teaching* in Philadelphia, PA.

Bautista, N. U. & Schussler, E. E. (2010). Exploring graduate assistants' experiences with explicit and reflective approach to teaching nature of science in college biology laboratories. Presented at the annual meeting of the *Association for Science Teacher Educators* in Sacramento, CA.

Book Reviews (Peer Reviewed)

Bautista, N. U. (2008). Review of the book Turning Around Failing Schools. *Journal of Educational Research,* 101(5), 316-317.

Other Publications

Bautista, N. U., Hickey, R. J., *Link-Perez, M., Relich, R., Schussler, E. E., *Showalter, A., Solomon, N. G., & Steinly, B. A. [in alphabetical order, and edited by Elisabeth Schussler and James Hickey] (2009). *Laboratory experiences for biological concepts: Ecology, evolution, genetics, and diversity.* Miami University, Oxford, OH.

Bautista, N. U., Hickey, R. J., *Link-Perez, M., *McCoshum, S., Relich, R., *Rybczynski, S. Schussler, E. E., Solomon, N. G., & Steinly, B. A. [in alphabetical order, and edited by Elisabeth Schussler and James Hickey] (2008). *Laboratory experiences for biological concepts: Ecology, evolution, genetics, and diversity.* Miami University, Oxford, OH.

Evaluation Reports

Bautista, N. U. & Li, Y. (2009). Southwest Ohio Science Institute, Grades 3-6 (SOSI). Annual report to the Ohio Department of Education. Oxford, OH: Miami University, Ohio's Evaluation and Assessment Center for Mathematics and Science Education.

Bautista, N. U. & Li, Y. (2008). Southwest Ohio Science Institute, Grades 3-6 (SOSI). Annual report to the Ohio Department of Education. Oxford, OH: Miami University, Ohio's Evaluation and Assessment Center for Mathematics and Science Education.

Bautista, N. U. & Li, Y. (2007). Southwest Ohio Science Institute, Grades 3-6 (SOSI). Annual report to the Ohio Department of Education. Oxford, OH: Miami University, Ohio's Evaluation and Assessment Center for Mathematics and Science Education.

Marks, P. & **Bautista, N. U**. (2007). eSMILES Evaluation report, Oxford, OH: Miami University, Ohio's Evaluation and Assessment Center for Mathematics and Science Education.

Butler, J. K., **Bautista, N. U**., & Marks, P. (2007). NSF funded project: LABS Project evaluation report. Oxford: OH: Miami University, Ohio's Evaluation and Assessment Center for Mathematics and Science Education

Recent Refereed Conference Presentations:

***Bautista, N.U.** (March, 2014). Learning to teach inquiry-based science instruction via mixed-reality teaching practices in a methods course. Presented at the Society for Information Technology and Teacher Education (SITE), Jacksonville, FL.

***Bautista, N.U.** (January, 2014). Learning to teach inquiry-based science instruction via mixed-reality teaching practices in a methods course. Paper presented at the meeting of the Association of Science Teacher Education (ASTE). San Antonio, TX.
*** This presentation received 2014 NTLI Fellowship award at ASTE in San Antonio, TX.**

Bautista, N.U. (May, 2013). Science teaching efficacy of early childhood majors in a mixed-reality virtual classroom. First annual conference of TeachLIVE Lab Conference at University of Central Florida, Orlando, FL.

Bautista, N.U. (April, 2013). Exploring science teaching efficacy of early childhood majors in a mixed-reality virtual classroom. Paper presented at the National Association for Research in Science Teaching (NARST). St Juan, Puerto Rico.

Bautista, N.U. (January, 2013). Exploring the impact of TeachLivE™ Lab virtual classroom teaching simulation on early childhood education preservice teachers' self-efficacy. Paper presented at the meeting of the Association of Science Teacher Education (ASTE). Charleston, SC.

Bautista, N. U., Schussler, E. E., & Haverkos, K. A. (April, 2011). Investigating undergraduate students' perception of tentativeness of scientific knowledge in an explicit / reflective biology laboratories. Paper to be presented at the meeting of the American Educational Research Association (AERA) New Orleans: LA.

Bautista, N. U., Schussler, E. E., Haverkos, K. A., Link-Perez, M. A. (April, 2011). What changes undergraduate students' perception of the tentative and creative nature of science? Paper presented at the National Association for Research in Science Teaching (NARST). Orlando: FL.

Haverkos, K. A. & **Bautista, N. U.** (January, 2011). Exploring girls' understanding of environmental issues: How can science teachers tap into connections girls make with environmental issues. Paper presented at the meeting of the Association of Science Teacher Education (ASTE). Minneapolis: MN.

Schussler, E. E**., Bautista, N. U.,** & Link-Pérez, M. (April, 2010) Undergraduate and teaching assistant nature of science understanding in an explicit / reflective biology laboratory. National Association for Research in Science Teaching, Philadelphia: PA.

Bautista, N. U. & Schussler, E. E. (January, 2010). Exploring graduate assistants' experiences with explicit and reflective approach to teaching nature of science in college biology laboratories. National Meeting of the Association for Science Teacher Education. Sacramento: CA.

Schussler, E. E., **Bautista, N. U**., Solomon, N. G., Steinly, B. A., & Hickey, R. J. (July, 2009). Promoting an understanding of nature of science and scientific inquiry in a college biology laboratory. Poster presented at the meeting of The American Association for the Advancement of Science (AAAS) on Undergraduate Biology Education. Washington: DC.

Bautista, N.U. & Schussler, E. E. (January, 2009). Investigating preservice teachers' understanding of nature of science and scientific inquiry in a college biology laboratory. Paper presented at the meeting of the Association of Science Teacher Education (ASTE). Hartford: CT.

Schussler, E. & **Bautista, N.U.** (December, 2008). Promoting the understanding of nature of science and scientific inquiry in biology laboratories. Paper presented at the meeting of the Midwest Regional Conference of National Science Teacher Association. Cincinnati: OH.

Bautista, N. U. (March, 2008) Revisiting elementary teachers' physical science conceptions after the No Child Left Behind Act. National Association for Research of Science Teaching (NARST), New Orleans, LA.

Bautista, N. U. (January, 2008). No elementary teacher left behind? Investigating elementary teachers' physical science conceptions after the No Child Left Behind Act. Association for Science Teacher Education (ASTE), St. Louis, MO.

Bautista, N. U. (April, 2007). Increasing early childhood education majors' self-efficacy beliefs via backward design. National Association for Research of Science Teaching (NARST), New Orleans, LO.

Bautista, N. U. (March, 2007). A teacher educator's attempt to integrate technology in a way to increase science efficacy beliefs. Lilly Conferenceon College & University Teaching - West. Pomona, CA.

Socol, T. T. & **Bautista, N. U.** (March, 2007). Improving college teaching through student e-writing. Lilly Conference on College & University Teaching - West. Pomona, CA.

Motter, B. M., Lowery-Bretz, S., N, K, **Uludag, N.,** & Winslow, J. (March, 2007). Connecting science and literacy: Hands-on inquiry in the elementary classroom, [Undergraduate Research Poster Sessions], American Chemical Society, 233rd National Meeting and Exposition, Chicago, IL.

Bautista, N. U. (January, 2007). Increasing preservice teachers' self-efficacy in teaching science: A new course design for early childhood science methods, Association for Science Teacher Education (ASTE), Clearwater Beach, FL.

Bautista, N. U. (November, 2006). Increasing preservice teachers' self-efficacy in teaching science: a new course design, Lilly Conference of College Teaching, Miami University, Oxford, OH.

Uludag, N. (January, 2006). Teaching for understanding: Exploring preservice science teachers' beliefs and practices, Annual Conference of the Association for Science Teacher Education (ASTE), Portland, OR.

Uludag, N., Abell, S. & Tillotson, J. (January, 2006). Using action research in alternative certification programs: Findings from research and practice, Annual Conference of the Association for Science Teacher Education (ASTE), Portland, OR.

Uludag, N. (February, 2006). Helping teacher educators better educate pre-service teachers to incorporate learner differences. Symposium presenter along with Christina Pfister, Leah Bridgers, Molly Keogh, Dan White. Annual Conference of the Association of Teacher Educators (ATE), Atlanta, GA.

Schafer, L. & **Uludag N.** (October, 2004). Some know. Some don't. So What? A survey study that reveals first year elementary education majors' (entering) levels of science knowledge. Northeast Regional Conference of the Association for Educators of Science Teachers (AETS), Syracuse, NY.

Tillotson, J. W.; Ochanji, M.; Diana, T., & **Uludag, N**. (April, 2004). The impacts of reforms on science education programs in high needs rural schools- NCLB, poster presentation at Annual Meeting of National Association for Research of Science Teaching (NARST), Vancouver, CAN.

Uludag, N. (January, 2004). Exploring preservice teachers' experiences with action research, Annual Conference of the Association for Educators of Science Teachers (AETS), Nashville, TN.

Tillotson, J. W.; Ochanji, M.; Diana, T., & **Uludag, N.** (January 2004). The impacts of reforms on science education programs in high needs rural schools- NCLB, Annual Conference of the Association for Educators of Science Teachers (AETS), Nashville, TN.

Uludag, N. (October, 2003). Action research in preservice teacher education, Northeast Regional Conference of the Association for Educators of Science Teachers (AETS), Syracuse, NY.

Tillotson, J. W.; Ochanji, M., Diana, T., & **Uludag, N.** (October, 2003). The impacts of reforms on science education programs in high needs rural schools: Superintendents' perspective, Association for Educators of Science Teachers. Northeast Regional Conference of the Association for Educators of Science Teachers (AETS), Syracuse, NY.

Lardy, L. & **Uludag, N.** (May, 2003). Student evaluations and other means for assessing your course, Annual Meeting of Future Professoriate Project/Preparing Future Faculty Project Partners, Minnewbrook, NY.

Tillotson, J. W.; Ochanji, Moses; Diana, T., & **Uludag, N.** (October, 2002). The impacts of reforms on science education programs in high needs rural schools: Teachers' perspective, Northeast Regional Conference of the Association for Educators of Science Teachers (AETS), Syracuse, NY.

Tillotson, J. W. & **Uludag, N.** (October, 2001). Videoconferencing as a vehicle for the professional development of science teachers, Northeast Regional Conference of the Association for Educators of Science Teachers (AETS), Syracuse, NY.

Invited Presentations

Bautista, N. U. (November, 2010). Teaching the nature of science (NOS) in middle and high school science classrooms. EDT 199: Seminar for STEM Teachers. Oxford, OH: Miami University.

Bautista, N. U. (October, 2009). Where east meets west: Turkey. MGT 304: Cross-cultural management course. Farmer School of Business. Oxford, OH: Miami University.

Bautista, N. U. (September, 2009). Promoting the understanding of nature of science and scientific inquiry in biology laboratories. EDT 199: Seminar for STEM Teachers. Oxford, OH: Miami University.

Bautista, N. U. (October, 2007). Science and picture books. The Eileen Tway Children's Literature Conference. Oxford, OH: Miami University.

Bautista, N. U. (September, 2007). Qualitative data analysis for evaluation studies. Graduate Seminar facilitated by Dr. Jane Butler Kahle. Oxford, OH: Miami University.

Bautista, N. U. (March, 2007). A teacher educator's attempt to integrate technology in a way to increase self efficacy beliefs. CELT, Presidents Day Teaching Effectiveness Retreat. Oxford: OH.

TEACHING EXPERIENCE

College:

Assistant & Associate Professor, Early Childhood Education Program, Middle Childhood Education Program, the Department of Teacher Education at Miami University.

EDT 317.E Teaching Science in Early Childhood. Fall 2005 to present.
EDT 441 Middle Childhood Science, Fall 2009 to present.
EDT 405/505.W. Advanced Science for Elementary School Teachers. Summer 2009 to present.
EDT 477 Independent Study. Spring 2011, Spring 2014
EDT 697.K Misconceptions in Science. Summer 2011
EDL 750 Advanced Independent Reading. Spring 2010, Fall 2010, Fall 2012.

Instructor, Inclusive Elementary and Special Education Program, Syracuse University.

SCI 104 Science: Questions and Quests – Physical Phenomena I. Fall 2003 & 2004.
SCI 105 Science: Questions and Quests – Physical Phenomena II. Spring 2004 & 2005.

Teaching Assistant, Science Education Program, Syracuse University.

SCE 789 Seminar in Science Education Research. Spring 2003.
SED 415/615 Teacher Development in Science. Fall 2002.

Student Assistant, Physics Department, Syracuse University.

PHY 212 General Physics I. Spring 2002

Secondary School:

Physics/Science Teacher, TED Zonguldak College, Zonguldak, Turkey. I taught 9th and 10th grade Physics, and 6th, 7th and 8th grade General Science courses. In addition to my teaching responsibilities, I also directed the Environmental Club and the Science Club, and served on the school textbook selection committee. September 1995 – September 1999.

OTHER PROFESSIONAL EXPERIENCES

Evaluation Consultant, The Evaluation and Assessment Center, Miami University. I have directed and conducted external evaluations, and analyzed qualitative data collected to evaluate the effectiveness of teacher development programs funded by the Ohio Department of Education and the National Science Foundation. August 2006 – present.

Physics Teacher, Science and Technology Entry Program (STEP), Syracuse University. I taught inquiry-based Physics to 8th graders on Saturdays. Besides teaching, I was also responsible for leading diversity workshops prepared by STEP coordinators. August 2003 - April 2004.

Research Assistant, Goals 2000 Preservice Grant, Syracuse University. I worked with Dr. John Tillotson in an exploratory qualitative research study about the impacts of reforms on science education programs in high-needs rural school districts in New York State. Summer 2001 - Fall 2003.

GRANTS

External (Funded)

PI: Improving STEM Teacher Preparation: A Long-Term Investment *Discovery* STEM Teacher Education Initiative. $204,965, Choose Ohio First Program in 2012-2013 academic year.

PI: Integrated Pedagogy to Promote Understanding of Nature of Science and Scientific Inquiry in a College Biology Laboratory, $199,352, funded by National Science Foundation (NSF) in Spring 2008 (PI: Dr. Elisabeth Schussler (January 2008-July 2009), PI: Dr. Nazan U. Bautista (August 2009 to 2010); Co-PIs: Nancy Solomon, Bruce Steinly and James Hickey).

PI: The Science and Literature Connection Project, $3,000, funded by Martha Holden Jennings Foundation in Spring 2006. (PIs: Drs. Nazan U. Bautista, Stacy Lowery Bretz, and Mr. Jeff Winslow).

PI: Investigating Turkey's Involvement in the European Union Education Programs, $2,500, funded by The European Union Center at Syracuse University in Summer 2004 (PI: Nazan Uludag)

External (Under Review)
PI: MU-Noyce Scholars. $300,000. NSF Robert Noyce Program in Spring 2014

External (Not Funded)
PI: Next Generation Science Mentors (N-GEN) Professional Development Program. $334,339, Ohio Mathematics and Science Partnership Program. 2013 (Co-PIs: Dr. Ellen Yezierski (CHM) and Ms. Michelle Hughes (Cincinnati Public School)).

PI: SEA^2: Scientific Epistemology Acquisition and Application by Undergraduate Biology Majors and Preservice Biology Teachers, $935,797, submitted to National Science Foundation (NSF), in November 2009 [PIs: Drs. Nazan U. Bautista (Miami University), and Elisabeth Schussler (University of Tennessee)].

PI: MM and Beyond: How Undergraduates Make Meaning from 21st Century Inquiry Experiences. Submitted in November 2008 to National Science Foundation (NSF) – REESE; requested $308,710. Co-PI: Dr. Elisabeth Schussler (BOT)

PI: Changing the Science Instruction in Hamilton (CSI-Hamilton); also PI: Dr. Elisabeth Schussler. Ohio Department of Education, Mathematics and Science Partnership Program, $129,195. January 2007.

Internal (Funded)

PI: Revitalize the Supervision Evaluation Model, $20,000. School of Education, Health, and Society

PI: Measuring the effectiveness of ESOL infusion efforts in early and middle childhood science methods courses, $1000. Miami ESOL Project Grants, 2011

PI: Informal Science Teaching: Field Trip to Cincinnati Observatory. $480. EHS Eloise E. Martin Instructional Enrichment grant., 2010 - 2011

Mutual Mentoring Grant, School of Education, Health, and Society, Miami University, $369, 2010.

PI: Experiencing science First Hand: Field Trip to Houston Woods. Talawanda-Miami Partnership Small Grants., $282, 2010.

Mutual Mentoring Grant, School of Education, Health, and Society, Miami University, $500 (matched by the Department of Teacher Education $500), 2009.

PI: A *Natural* Partnership. Talawanda-Miami Partnership Small Grants., $170, 2009.

PI: Exploring Inservice Elementary Teachers' Alternative Conceptions of Elementary Level Physical Science Concepts, OARS Committee on Faculty Research summer research grant, $6,000; a research assistance, and research support money in the amount of $626.

PI: Increasing Preservice Teachers' Self-Efficacy in Teaching Science, $5,000. SEAP Summer Research Grants. Principal Investigator, 2006.

PI: Integrated Science Curriculum Development Project: Talawanda School District as an Example, $4000. Miami University Partnership Office. Other PIs: Dr. Stacy Lowery Bretz (Department of Chemistry and Biochemistry), Jeff Winslow (Talawanda School Disctrict). 2005 - 2006.

PI: Integrated Science Curriculum Development Project: Talawanda School District as an Example, $2,368. SEAP Small Research Grants. 2006.

Miami University, Eloise E. Martin Instructional Enrichment Grants ($500), 2006

AWARDS AND HONORS

Nominated for the Miami University, College of Education, Health and Society DELP award, Spring 2014
National Technology Leadership Initiative (NTLI) Fellowship Award, January 2014
Top 100 Miami Professors recognition, 2012
EHS Assistant Professor Research Award – 6 hour course release, Spring 2010
Assistant Professor Research Appointment, Miami University, Fall 2010.
STARS Mentor of the Year Award Nominee, Miami University, Spring 2009
Syracuse University Teaching Certificate, Syracuse University, May 2006.
Outstanding Teaching Assistant Award, Syracuse University, Spring 2005.
Who's Who Among Students in American Universities and Colleges, Syracuse University, Fall 2004.
Syracuse University Teaching Fellowship, Summer 2004.
Syracuse University Teaching Assistantship, Fall 2001 & 2004; Spring 2005.

Scholarship, by Ministry of Turkish National Education, 1999 to present.
Research Assistantship, Goals 2000 Preservice Grant: Upstate High-Needs Rural Schools Consortium: Phase II, 2001 to 2004.
Honor Society of International Scholars (Phi Beta Delta), Spring 2002.
Certificate by Dr. Weeks Elementary School "Adopt a Culture Program," Spring 2002.
Certificate by Turkish Foundation for Combating Soil Erosion for Reforestation and the Protection of Natural Habitats, for the environment day show that I prepared, choreographed, and presented to the public with the Environmental Club students at the Ataturk Cultural Center, Spring 1997.
Honor student, Middle East Technical University, Fall 1994 & Spring 1995.
High-honor student, Middle East Technical University, Fall 1993 & Spring 1994.

SERVICES

Services at Miami University
Member, EHS Governance Committee, 2013 - present
Member, EHS CAEP Steering Committee, 2013 – present
Member, EHS Faculty Advisory Committee to the Dean, 2013 - present
Member, The Department of Teacher Education Chair Search Committee, 2013
Member, EHS Research Grant Advisory Committee, 2012 - present
Member, University Graduate Achievement Council, 2010 - present
Member, EDT Departmental Review Committee, 2010 - 2011
Member, University Academic Policy Committee, 2009 - present
Member, EHS Undergraduate Curriculum Committee, 2009 - 2013
Member, Dean's Faculty Advisory Council, 2006 - 2007.
Member, Committee for the Advancement of Teaching and Scholarship, 2007 to 2009
Associate, E&A Center of Miami University, 2005 to present
Supervisor, Middle Childhood Education CIB, 2009 - present
Advisor, Middle Childhood Education CIB, 2009 - present
Supervisor, Early Childhood Education CIB, 2005- present
Advisor, Early Childhood Education, 2006 - 2009.

Services at the National Level:
Member, ASTE Awards Committee, 2010 – 2013
Member, ASTE Conference Committee, 2008 – 2010
Presider, ASTE Conferences
Strand coordinator, ASTE Conference, 2011
Editorial Review Board Member, The Journal of Science Teacher Education, 2009 – present
Reviewer, The Tapestry Journal, 2009 - present
Reviewer, National Association of Research in Science Teaching, 2009 - present
Reviewer, Journal of Research in Science Teaching, 2004 to present.
Reviewer, Association for Science Teacher Education annual conferences, 2004 to present
Treasurer, National Science Teachers Association-Student Chapter, Syracuse University, 2004 –2005.
Teaching Fellow TA Office Summer Orientation for the Incoming Teaching Assistants, 2004.
Secretary, Turkish Club, Syracuse University, Syracuse, NY, 2003 - 2004.
Representative of Turkey, Dr. Weeks Elementary School Adopt a Culture Program, Syracuse, NY, 2002.
President, Turkish Club, Syracuse University, Syracuse, NY, 2000 – 2001

MEMBERSHIPS

Society for Information Technology and Teacher Education
American Educational Research Association
National Association for Research in Science Teaching

National Science Teachers Association
Association for the Education of Teachers in Science
Hoosier Association of Science Teachers, Inc.
Phi Beta Delta Honor Society for International Scholars
Intercollegiate Turkish Students Society
Turkish Foundation for Combating Soil Erosion for Reforestation and the Protection of Natural Habitats