

<p>Dr. Jennifer A. Lee, Ed.D. 721 S. Meadow Road Raleigh, NC 27603 h) 919-773-9097 c) 919-306-6381 E-mail: jaleencsu@gmail.com</p>	<p>Websites: Dr. Jenny Lee Linked In Wikis: Dr. Lee's Links Computer Drafting & Design</p>
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Education

- 2008** **Doctor of Education**, Technology, Engineering, and Design Education, *North Carolina State University, Raleigh, North Carolina*
Minor: Women's and Gender Studies
Teaching License: Technology Education (6-12), *North Carolina State University, Raleigh, NC*
- 2004** **Master of Education**, Technology Education, *North Carolina State University, Raleigh, NC*
Minor: Adult Training and Development
- 1995** **Teaching License:** Elementary Education (K-6), *University of North Carolina, Asheville, NC*
- 1989** **Bachelor of Arts**, Technical Theater, *University of North Carolina, Asheville, NC*

Professional Experience

August 2012 – Present: Career and Technical Education Teacher, *Brogden Middle School, Durham, NC*

Designing and implementing a new Career and Technical education (CTE) program and educational/lesson plans based on new state curriculum consistent with state and district philosophy, goals, and objectives by:

- Meeting with and work in coordination with other county CTE teachers in planning, integrating and developing the new CTE program based on the new state curriculum
- Using varied instructional and assessment techniques, multimedia, learning technologies, and integration strategies
- Preparing students for 21st Century learning
- Promoting and coordinating career awareness, exploration, and planning
- Providing and coordinating activities for students to develop employability skills
- Promoting the use of technology for career planning and research
- Evaluating student progress on a regular basis including progress reports and semester grades and communicating student performance to parents and students
- Developing and maintaining an inventoried classroom/lab that is safe and conducive to student learning
- Assisting in selection of books, equipment, tools, and other materials pertinent to the CTE curriculum
- Participating in all faculty, departmental, and curriculum meetings and professional development opportunities on local, state, and national levels
- Scheduling and attend parent and student conferences

- Establishing and maintain cooperative relationships and open communication with administrators, departmental and faculty members, and support staff
- Assisting in providing information to the community and parents about the CTE program

March 2012 – June 2012: Interim STEM Coordinator, Middle Creek High School, Apex, NC

Planned, organized, directed and implemented the educational services, training activities, instructional resources and support functions of the STEM curriculum to enhance student learning and achievement; provided consultation and professional development activities to faculty to enhance the educational effectiveness of students in the areas of science, technology, engineering and math by:

- Developing and coordinating STEM integration into curriculum and instruction
- Developing and presenting STEM professional development training for teachers
- Developing and carrying out plans, programs and activities to support the implementation of the STEM curricula and instructional programs.
- Providing effective evaluation and professional coaching to instructional and support staff
- Mentoring teachers to improve their understanding of STEM and its effective implementation in the classroom
- Monitoring and supporting implementation of the STEM instructional design elements
- Providing consultation and technical assistance to faculty, administrators, staff, parents and students concerning STEM
- Organizing, developing, coordinating, and providing training for faculty related to STEM integration in the classroom
- Analyzing and sharing current local, regional, and national best practices in STEM education
- Seeking additional resources to support innovative STEM initiatives
- Collaborating with teachers and administration in the development and maintenance of STEM curricula.
- Developing, implementing, and promoting the vision for 21st Century learning through STEM

March 2010 – November 2011: Founding School Chair, Computer Drafting and Design Department, ITT Technical Institute, Cary, NC

- Served as chief departmental administrator, academic leader, and subject matter expert
- Served on Institutional Effectiveness and Strategic Planning Committees
- Developed, implemented, and updated strategies for recruiting, success, growth and retention of students
- Creation and sponsorship of a CDD club and tutoring program
- Worked with Corporate Curriculum Committee, Academic Affairs, and accrediting bodies (ACICS) to ensure compliance with accreditation, state standards, and campus policies and procedures
- Collaborated with other program chairs in evaluation of student Capstone projects
- Maintained departmental, faculty, and student records, CDD labs, supplies and materials
- Adjudicated and participated in code of conduct violations, student/faculty relationships, and student academic probation policies

- Advised and mentored a diverse group of students (50 in CDD program)
- Implemented and updated CDD curriculum and materials
- Conducted workshops for non-academic staff members
- Responsible for recruiting, hiring, training, observing, and supervising four faculty members; scheduled and assigned faculty teaching responsibilities; conducted monthly faculty meetings
- Created and fostered CDD Advisory Committee made up of industry experts; networked with industry experts for advice and placement of students in jobs
- Taught two classes per quarter using lecture and hands-on methodologies in laboratory settings

<p>Courses Taught in CDD Department Classes</p>	<ul style="list-style-type: none"> • CD 111: Introduction to Computer Drafting & Design • CD 140: Rapid Visualization • CD 220: Materials and Processes • CD 320: Basic Design Theory and Methods (taught students how to use Adobe CS 3 Photoshop and Illustrator) • TB 133: Strategies for the Technical Professional • TB 143: Introduction to Personal Computers
<p>Software Taught in CDD Program</p>	<ul style="list-style-type: none"> • Autodesk AutoCAD 2010 • Autodesk Inventor Professional 2010 • Autodesk Revit 2010 • Autodesk Civil 3D 2010 • Autodesk 3ds Max • Adobe Photoshop CS3 • Adobe Illustrator CS3

May 2008 – August 2009: Assistant Professor of Technology Education and Human Resources Training, Graduate Faculty, Old Dominion University - STEM Education and Professional Studies Department, Norfolk, Virginia

- Taught both undergraduate and graduate courses
- Taught courses in both face-to-face on distance learning settings with the majority taught in synchronous hybrid classes that included face-to-face students, one way closed circuit television accessed by students at community colleges around the country, and video streaming students
- Used Blackboard as main LMS
- Served on departmental and university committees
- Advised and mentored undergraduate and graduate students

Courses Taught:

Graduate Courses	Undergraduate Courses
<ul style="list-style-type: none"> • OTED 785/885: Curriculum Development Taught two classes per quarter in lecture and hands-on projects in laboratory settings in Occupational Education & Training • OTED 732/832: Program Development for Technology Education • OTED 789/889: Instructional Technology in Education & Training 	<ul style="list-style-type: none"> • OTS 430/530: Instructional Technology in Training & Education • OTS 351: Communication for Technology Processes • OTS 110: Technology & Your World

January 2008 – May 2008: Graduate Assistant, Learning Technologies, Poe College of Education, North Carolina State University, Raleigh, North Carolina

- Assisted director in teaching faculty, staff, and students in the use of electronic media, tools, and resources
- Responsible for editing the new Poe College of Education website
- Kept Poe College of Education faculty and students up-to-date on instructional technology available for enhancing learning, research, and professional practice
- Provided a supportive environment for experimentation with technology for instruction and research
- Helped coordinate the College's efforts in ensuring that its faculty and students demonstrated competence and acquired the knowledge necessary to be leaders in the use of technology in education

August 2004 – December 2007: Graduate Teaching Assistant, Mathematics, Science, and Technology Education Department, Poe College of Education, North Carolina State University, Raleigh, North Carolina

- Responsible for teaching technology education undergraduate departmental courses under the supervision of TED professors
- Curriculum development for new departmental courses
- Designed and facilitated on-line course delivery and curriculum using Blackboard LMS

Courses taught while at NCSU	TED 110: Materials and Processes Technologies
	TED 115: Wood Processing Technologies

September 2001 – January 2005: Professional Development Designer and Trainer, A+ Schools Network, University of North Carolina, Greensboro, North Carolina

Worked within the A+ Schools Network to design and implement professional development

curricular units with teachers; developed, implemented, and modeled lessons for teachers within the A+ Schools Network based on the central vision of A+ which is to create enhanced learning opportunities for students by using arts-integrated instruction, instructional technology, and incorporation of Howard Gardner's Theory of Multiple Intelligences.

May 2001 – January 2005: Certified Motorcycle Safety Instructor, *Motorcycle Safety Foundation, Alamance, Johnston and Wake Technical Community Colleges, North Carolina*
Taught safe motorcycle riding skills through classroom instruction and riding exercises on how to safely operate a motorcycle to adult riders at all levels.

November 1994 – October 2002: Public School Teacher, *Asheville City, Buncombe, Durham, Wake Counties, NC*

- **11/2000 – 10/2002: Drama Teacher, K-5**, *Douglas Magnet School of Creative Arts and Science (A+ School), Raleigh, NC*
- **4/1998 – 11/2000: 4th Grade Teacher/4th Grade Team Lead Teacher**, *Y. E. Smith Magnet School of Science and Technology, Durham, NC*
- **8/1996 – 1/1998: 4th and 5th Grade Teacher**, *Randolph Elementary School, Asheville, NC*
- **1/1996 – 6/1996: Long Term Substitute Teacher, 5th Grade**, *Woodfin Elementary School, Asheville, NC*
- **5/1996 – 8/1996: Summer School Teacher, 4th and 5th Grade**, *Erwin District Schools, Asheville, NC*
- **November 1994 – January 1995: After-School Teacher (K-6)**, *Buncombe County Schools, Asheville, NC*

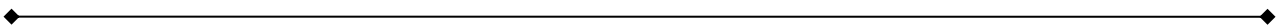
April 1989 – June 1993: Properties Shop Manager, Artisan, Scenic Carpenter and Welder

Educated and managed crew of theater interns and artisans, budgeted all shows, involved in decision making with other theater employees, met with and worked cooperatively with other department heads to create a unified set, constructed and procured props for all productions.

- **8/91 – 6/93** Properties Shop Manager - *Empty Space Theatre, Seattle, WA*
- **9/90 – 4/91** Properties Artisan - *Seattle Repertory Theatre, Seattle, WA*
- **4/90 – 9/90** Properties Shop Manager - *Intiman Theatre, Seattle, WA*
- **9/89 – 3/90** Scenic Carpenter/Welder - *Tacoma Actors Guild, Tacoma, WA*
- **3/89 – 7/89** Properties Shop Manager - *Flat Rock Playhouse, Flat Rock, NC*
- **9/86 – 4/89** Properties Artisan/Scenic Carpenter - *Alliance Theatre, Atlanta, GA*

1990 – Present: Furniture Design and Construction Business Owner

Design and build custom furniture; construction and restoration; trim carpentry including built in cabinets; metal work; decorative paint finishes.



Professional Training

Distance Learning:

- **Summer, 2005, Program Graduate, Instructional Technology Assistant Program (ITAP)**, *Learning Technology Services, North Carolina State University*, a four month series of workshops focused on WebCT/Blackboard that certified participants to provide technical assistance in on-line course development to university faculty and staff interested in distance learning environments; designed, developed, and managed a WebCT/Blackboard site for TED 110 which is still used by those who teach the course at NCSU.
- **LEARNNC Website Pilot Team Member**, *University of North Carolina at Chapel Hill School of Education*, **Learn NC** is a network of educators who use the [LEARNNC](#) Website to improve education by sharing units and other teaching-related activities for K–12 instruction; also provides professional development resources.

Publications

Taylor, J. S. & Lee, J. (in press). Kindergarten TECH–nections: how to integrate standards for technological literacy into North Carolina kindergarten curriculum. *Technology and Children*.

North Carolina A+ Schools Network. (2003). A+ Fellows Commonplace Book. Winston-Salem: Kenan Institute for the Arts.

North Carolina A+ Schools Network. (2001). A+ Assessment Workbook: Enriched Assessment in Classroom Practice (4th ed.). Winston-Salem: Kenan Institute for the Arts.

Presentations

Lee, J. (2012, July). *Technologies past: Showing students old technologies*. Presented at the Lord of Life Preschool and Kindergarten Academy, Garner, NC.

Lee, J. (2011). *What is Computer Drafting and Design?* Presented to the ITT Technical representatives and recruiters, ITT Technical Institute Cary and Durham, NC.

Lee, J. (2009, March). *Gender Equity Issues in Technology Education: A Qualitative Approach to Discovering the Barriers*. Paper presented at the International Technology and Engineering Educators Association (ITEEA) Conference: Louisville, KY.

Lee, J. (2009, March). *One of four national professors selected as representatives for ITEEA booth*. Association for Supervision and Curriculum Conference (ASCD).

Lee, J. (2008, October). *Gender Equity Issues in Technology Education: A Qualitative Approach to Discovering the Barriers*. Paper presented at the Southeastern Technology Education Conference (STEC), Norfolk, VA, 2008.

- Lee, J. (2005, June). *Instructional technology assistant program WebCT site*. WebCT site presented to the 2006 ITAP class. North Carolina State University, Raleigh, North Carolina.
- Lee, J. & Taylor, J. S. (2005, March). *Kindergarten TECH-nections: how to integrate standards for technological literacy into North Carolina kindergarten curriculum*. Presented at a TECC Special Interest Session at the ITEEA, Kansas City, MO.
- Lee, J. & Davis-Jones, L. (2004, June). *What is a thematic unit?* Individual school session #1 with Valley Crucis K-8 School presented at The A+ Schools Summer Conference, Boone, North Carolina.
- Lee, J. & Davis-Jones, L. (2004, June). *How might we improve our collaboration skills and use those skills to develop thematic units for the new school year?* Individual school session #2 with Valley Crucis K-8 School presented at The A+ Schools Summer Conference, Boone, North Carolina.
- Lee, J. & Davis-Jones, L. (2004, June). *How can we as a school better use our planning times for creating thematic units?* Individual school session #3 with Valley Crucis K-8 School presented at The A+ Schools Summer Conference, Valley Crucis, North Carolina.
- Lee, J. & Davis-Jones, L. (2004, June) *How can we as a school acquire better skills and strategies for using the arts and multiple intelligences as instructional techniques in the classroom?* Individual school session #4 with Valley Crucis K-8 School presented at The A+ Schools Summer Conference, Valley Crucis, North Carolina.
- Lee, J. (2004, July). *How to address and set personal and school goals: where to begin?* Individual school session #1 with Diggs Elementary School presented at The A+ Schools Summer Conference, Myrtle Beach, South Carolina.
- Lee, J. (2004, July). *How to address and set personal and school goals: talking about it and the best ways to brainstorm*. Individual school session #2 with Diggs Elementary School presented at The A+ Schools Summer Conference, Myrtle Beach, South Carolina.
- Lee, J. (2004, July). *How to address and set personal and school goals: Best practices for prioritizing needs and concerns*. Individual school session #3 with Diggs Elementary School presented at The A+ Schools Summer Conference, Myrtle Beach, South Carolina.
- Lee, J. (2004, July). *How to address and set personal and school goals: Best practices for addressing personal and school goals*. Individual school session #4 with Diggs Elementary School presented at The A+ Schools Summer Conference, Myrtle Beach, South Carolina.
- Lee, J. (2004, July). *How to address and set personal and school goals: How can our solutions best help our students?* Individual school session #5 with Diggs Elementary School presented at The A+ Schools Summer Conference, Myrtle Beach, South Carolina.
- Lee, J. (2004, July). *How to address and set personal and school goals: where do we go from here?* Individual school session #6 with Diggs Elementary School presented at The A+ Schools Summer Conference, Myrtle Beach, South Carolina.

- Lee, J. (2004, July). *Job alike session: How has my experience with the A+ schools program compared to those with common teaching roles at other A+ schools?* Presented to teachers in similar teaching positions from various NC schools at The A+ Schools Summer Conference, Myrtle Beach, South Carolina.
- Lee, J. (2004, June). *Six degrees of separation: How energizers can affect everyone.* Presented at The A+ Summer Conference, Myrtle Beach, South Carolina and at A+ Summer Conference in Boone, North Carolina.
- Lee, J. (2003, June). *Curriculum mapping: what is it?* Individual school session #1 with Bugg Creative Arts & Science Elementary Magnet School presented at Bugg Creative Arts & Science Elementary Magnet School, Raleigh, NC with Mary McArthur A+ Elementary School for The A+ Schools Program, University of North Carolina at Greensboro, North Carolina.
- Lee, J. (2003, June). *Curriculum mapping: what is the purpose of curriculum mapping?* Individual school session #2 with Bugg Creative Arts & Science Elementary Magnet School: Presented at Bugg Creative Arts & Science Elementary Magnet School, Raleigh, NC with Mary McArthur A+ Elementary School for The A+ Schools Program, University of North Carolina at Greensboro, North Carolina.
- Lee, J. (2003, June). *Curriculum mapping: Tools for curriculum mapping.* Individual school session #3 with Bugg Creative Arts & Science Elementary Magnet School. Presented at Bugg Creative Arts & Science Elementary Magnet School, Raleigh, NC with Mary McArthur A+ Elementary School for The A+ Schools Program, University of North Carolina at Greensboro, North Carolina.
- Lee, J. (2003, June). *Curriculum mapping: What is the purpose of curriculum mapping?* Individual school session #4 with Bugg Creative Arts & Science Elementary Magnet School. Presented at Bugg Creative Arts & Science Elementary Magnet School, Raleigh, NC with Mary McArthur A+ Elementary School for The A+ Schools Program, University of North Carolina at Greensboro, North Carolina.
- Lee, J. (2003, June). *Job alike session: Trading ideas for integration of specialty objectives with content area objectives.* Presented at Bugg Creative Arts & Science Elementary Magnet School, Raleigh, NC with Mary McArthur A+ Elementary School for The A+ Schools Program, University of North Carolina at Greensboro, North Carolina.
- Lee, J. (2002, May). *The creative process: How does collaboration fit into the creative process?* Presented at the North Carolina Theater Arts Educators Winter Drama Teacher Camp, Trinity Conference Center, Pine Knoll Shores, North Carolina.

Workshops

- Lee, J. (2004, April). *Get in shapes with dance: movement workshop for middle school math teachers.* Presented at East Millbrook Middle School and Mineral Springs Middle School for The A+ Schools Program.

- Lee, J. (2004, June). *Microsoft Word, digital photography, and language arts: Seeing writing in a new way*. Presented at The A+ Schools Program, University of North Carolina at Greensboro, A+ Summer Conference, Boone, North Carolina.
- Lee, J. (2004, April). *Setting the scene: the 4 ws in drama for middle school educators*. Presented for East Millbrook Middle School and Mineral Springs Middle School for The A+ Schools Program.
- Lee, J. (2004, June). *You are the power behind PowerPoint: Using PowerPoint as a tool for teaching*. Presented at The A+ Schools Program, University of North Carolina at Greensboro, A+ Summer Conference, Boone, North Carolina.
- Lee, J. (2004, June). *Poetry's alive: poetry performance unit for elementary and middle school educators*. Presented at The A+ Schools Program, University of North Carolina at Greensboro, A+ Summer Conference, Myrtle Beach, South Carolina.
- Lee, J. & Warner, K. (2004, July). *Narrative storytelling through movement*. Presented at The A+ Schools Program, University of North Carolina at Greensboro, A+ Summer Conference, Myrtle Beach, South Carolina.
- Lee, J. & Warner, K. (2004, July). *Science process skills and movement for kindergarten through sixth grade educators*. Presented at The A+ Schools Program, University of North Carolina at Greensboro, A+ Summer Conference, Myrtle Beach, South Carolina.
- Lee, J. (2003, June). *Get in shapes with dance: Movement workshop for middle school math teachers*. On-site workshop presented for Bugg Creative Arts & Science Elementary Magnet School, Raleigh, North Carolina, and Mary McArthur A+ Elementary School for The A+ Schools Program, University of North Carolina at Greensboro, North Carolina.
- Lee, J. (2003, June). *Setting the scene: the 4 ws in drama and language arts for grades K-8 educators*. On-site workshop presented for Bugg Creative Arts & Science Elementary Magnet School, Raleigh, North Carolina, and Mary McArthur A+ Elementary School, Raleigh, North Carolina, for The A+ Schools Program, University of North Carolina at Greensboro, North Carolina.
- Lee, J. (2003, June). *You are the power behind PowerPoint: Using PowerPoint as a tool for teaching, K-6*. On-site workshop presented for Bugg Creative Arts & Science Elementary Magnet School, Raleigh, North Carolina, and Mary McArthur A+ Elementary School, Raleigh, North Carolina, for The A+ Schools Program, University of North Carolina at Greensboro, North Carolina.
- Lee, J. & Russo, T. (2002, March). *Setting the scene: the 4 ws in drama and language arts for grades 3-8 educators*. On-site workshop presented at Sandhills Theatre Arts Renaissance School, Southern Pines, North Carolina, for The A+ Schools Program, University of North Carolina at Greensboro, North Carolina.
- Lee, J. (2001, Summer). *From windmills to whirligigs: let's explore the wind*. Summer camp workshop designed and implemented at Y. E. Smith Magnet School of Science and Technology, Durham, North Carolina.

Lee, J. (1997, October). *Let's tour North Carolina, virtually: a staff development workshop to introduce and train Randolph elementary school teachers to use the internet as a teaching tool*. Presented at Randolph Elementary School, Asheville, North Carolina.

Professional Organizations and Community Involvement

- Member, Society for Women Engineers (SWE)
 - Member, Association for Engineering Education (ASEE)
 - Member, Association for Supervision and Curriculum (ASCD)
 - Member, International Technology Education Association (ITEEA)
 - Member, Southeastern Technology Education Conference (STEC)
 - Past President, Epsilon Pi Tau International Honorary (EPT)
 - Member, Epsilon Pi Tau International Honorary (EPT)
 - Member, Technology Education Collegiate Association (TECA)
 - Member, Phi Delta Kappa (PDK)
 - Past Editor, Meridian: A Middle School Computer Technologies Journal Editorial Review Board (An electronic journal dedicated to the research and practice of computer technology in middle school classrooms)
 - Member, Old Dominion University grievance committee
 - Recorder, Occupational & Technical Studies/STEM Education and Professional Studies reorganization effort
 - Volunteer, Salvation Army Thrift Store
 - Volunteer, Interfaith Assistance Ministry (IAM)
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Honors and Awards

- The 21st Century Future Leaders Cohort (ITEEA/CTTE), 2009-2010, a national cohort of twelve early career professionals chosen based on recognition as an “emerging leader[s] in our profession...who will carry our discipline into the future”
- Outstanding Teaching Assistant Award, Technology Education Department, North Carolina State University, 2006
- Leadership Award, Alpha Pi Chapter of the Epsilon Pi Tau International Honorary, North Carolina State University, 2006
- The National Chancellor's List
- Cambridge Who's Who of Professional Business Women of 2006
- International Golden Key Honor Society
- The National Scholar's Honor Society
- The Dean's List, 1993–1995, University of North Carolina at Asheville

Professional References

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Dr. James Haynie

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