

# Shirley Ellis

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<b>Objective</b>	<b>To utilize my skills to develop and promote safe building codes and regulations and assist in the proper application for business and personal uses.</b>	
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<b>Profile</b>	<ul style="list-style-type: none"><li>• 40+ years of experience in building codes and regulations</li><li>• In depth understanding of building principles and energy efficiency</li><li>• Goal-oriented individual with strong leadership capabilities</li><li>• Organized, highly motivated, with excellent communication skills</li><li>• Proven ability to work in unison with governmental organizations and building professionals</li></ul>	
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<b>Education</b>	<b>B.A., Business Management, Cum Laude, Concordia University at Austin, Texas, 2000</b> Professional Seminars as provided by ICC, ASHRAE, universities, state and professional organizations	
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<b>Summary</b>	Demonstrated achiever in building construction code and standards development with years of service on ICC Board of Directors, code development committees and a contract instructor for national associations. Ability to learn new concepts quickly, work well under pressure and communicate ideas clearly and effectively. Strong strategic thinker and team builder.	
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<b>Employment</b>	<b>Building Official, <i>City of Bastrop, Texas</i></b> <ul style="list-style-type: none"><li>• 9,750 population, with commercial projects in development or under construction that include hotel, multi-family, restaurant, retail, schools, a 500+ acre movie studio and over 500 new housing starts per year.</li></ul>	<i>2021 - present</i>
	<b>Consultant</b> <ul style="list-style-type: none"><li>• Contract Instructor for the International Code Council training in the areas of energy efficiency, green building, sustainability, fuel gas, code development, plan review, residential and commercial building</li><li>• Provided training Jamaica, China, and across the U.S.</li><li>• Subject Matter Expert</li><li>• Inspector for FHA and VA</li><li>• Assist developers and builders with plan review and inspections</li></ul>	<i>1995 - 2016</i>
	<b>Energy Codes Specialist, <i>Energy Systems Laboratory, Texas A&amp;M Engineering Experiment Station, Texas A&amp;M University System, College Station, TX</i></b> Managed certification training programs under a State Energy Conservation Office contract. <ul style="list-style-type: none"><li>• Represent the ELS on numerous committees and at conferences in the United States, Berlin, Germany and Shenzhen, China</li><li>• Assist with the development and analysis of local amendments to energy efficiency standards for municipalities and the State of Texas</li><li>• Assist with the design of EPA approved simulation software for energy efficiency analysis</li></ul>	<i>2004-2006</i> <i>2008 – 2021</i>
	<b>Codes and Regulations Manager, <i>US Greenfiber, Charlotte, NC</i></b> <ul style="list-style-type: none"><li>• Developed long term strategy for dealing with national and state agencies and organizations influencing or affecting cellulose insulation products</li><li>• Fostered relationships with Federal and State legislatures and national agencies and organizations, including numerous on-site visits to Capitol Hill</li><li>• Coordinated the update and renewal of the ICC-ES evaluation reports</li><li>• Assisted the Quality Assurance team</li><li>• Prepared and managed department budget</li></ul>	<i>2006-2008</i>
	<b>Adjunct Professor, <i>Austin Community College, Austin, TX</i></b> <ul style="list-style-type: none"><li>• Developed the Building Codes class syllabus and material based on ICC codes</li><li>• Provided instruction in the Building Construction certification/degree program</li></ul>	<i>2002-2004</i>

- Codes Specialist**, *Green Building Program, Austin Energy*, Austin, TX 2000-2004
- Worked with builders, inspectors and the public in the application of energy efficiency and green building regulations, including classroom training and workshops
  - Completed the City of Austin leadership enhancement program - Leadership Education and Public Service (LEAPS)
  - Assisted in development of Austin Energy Green Building specifications
  - Drafted local amendments to the International Energy Conservation Code
- Project employee**, *Lower Colorado River Authority*, Austin, TX 1995-1996
- Worked with Good Sense energy efficiency program, provided assistance to 11 electric cooperatives in 9 Texas counties
- Building Official/Inspector**, Pampa, Belton, Austin and Bastrop, Texas 1981 - 1995
- Inspections – Residential, Commercial, and Industrial, including high-rise construction and a 1.9 million sq. ft. research laboratory with on-site power
  - Subdivision review, zoning, plan review, inspections, and code enforcement
  - Flood Plain and Emergency management

**Publications/  
Patents**

**Co-writer/Contributor**

- Energy Systems Laboratory Energy Efficiency/Renewable Energy Impact in the Texas Emissions Reduction Plan, Vols. I, II, And III, 2004, 2006, 2007, 2008, 2009, 2012 through 2020
- Calculation on NOx Emissions Reductions from Energy Efficient Residential Building Construction in Texas, 2004
- Quantification of NOx Emissions Reductions for SIP Credits from Energy Efficiency and Renewable Energy Projects in Texas, 2006
- Comparing the Commercial Requirements for the 2009 and 2012 IECC Codes for the State of Texas, 2011
- Detailed Stringency Analysis of Suggested Amendments to Chapter 11 of the 2012 IRC and the 2012 IECC that were Submitted to the Texas State Energy Conservation Office, During the March 30-April 30, 2012 Comment Period, 2012

**Patents – Co-Developer**

- StoyBoard Akuztik Panel – Sound Barrier for temporary construction use

**Associations**

- ICC – currently serving on the Board of Directors and a past member of the IECC Code Development Committee, co-founded 3 ICC Chapters and serving in various offices - Bluebonnet, Central Texas, and the Women In Code Enforcement and Development
- BOAT - Past Secretary, and past member of the Board of Directors, currently a member of the Disaster Recovery Team
- SBCCI –member of Education, Parliamentarian, and Plumbing Code Development Committees
- Texas State Plumbing Inspectors Association - Past Board of Governors
- NAHB – National Green Building Standards (NGBS) update, Co-Vice-Chair – 2105 edition, Task force committee member – 2008 edition
- Austin Area Home Builders Association - Education Committee
- ASHRAE - past voting member of SSPC 90.2 (Energy Efficient Design for Low-Rise Residential Buildings), CIS (Code Interaction Subcommittee), TC 4.4 (Building Materials and Building Envelope Performance,) and TC 9.5 (Residential and Small Building Applications); monitor SSPC 90.1 (Energy Efficient Design for High-Rise Residential and Commercial Buildings)

**Honors &  
Awards**

- International Code Council Affiliate of the Year, 2006 and Instructor of the Month, January 2011
- Building Officials Association of Texas Industry Person of the Year, 2005
- Home Builders Association of Greater Austin, Presidents Award, 2005

**Licenses &  
Certifications**

- International Code Council – Certified Building Official and B5 - Building Inspector
- Texas Board of Plumbing Examiners – Licensed Plumbing Inspector
- Texas Department of Licensing and Regulation - Code Enforcement Officer License
- Texas Commission for Environmental Quality – Licensed On-site Wastewater Installer I and II, Site Evaluator and Cross-Connection Control Certification (all inactive)