

Shirley Ellis, CBO

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Objective	To utilize my skills to develop and promote safe building codes and regulations and assist in the proper application for business and personal uses.
Profile	<ul style="list-style-type: none">• 40+ years of experience in building codes and regulations• In depth understanding of building principles and building codes• Goal-oriented individual with strong leadership capabilities• Organized, highly motivated, with excellent communication skills• Proven ability to work in unison with governmental organizations and building professionals
Education	B.A., Business Management , Cum Laude, Concordia University at Austin, Texas, 2000 Professional Seminars as provided by ICC, ASHRAE, universities, state, and professional organizations
Summary	Demonstrated achiever in building and code enforcement and in the development of codes and standards with years of service in government and private industry, as well as servicing on the ICC Board of Directors, code development committees and as a contract instructor for national associations. Strong strategic thinker and team builder. Ability to learn new concepts quickly, work well under pressure and communicate ideas clearly and effectively.
Employment	Building Official, City of Gonzales <i>2024 - present</i> <ul style="list-style-type: none">• 7,221 population, with commercial projects in development or under construction that include hotels, multi-family, restaurants, retail, industrial, schools, a 500+ acre movie studio and 500+ new housing starts per year. Project Manager – Capital Delivery, City of Austin <i>2023 – 2024</i> <ul style="list-style-type: none">• Coordinated training and certification of staff, commercial and residential, plan review and inspection Building Official, City of Bastrop <i>1990 – 2000 and 2020 – 2023</i> <ul style="list-style-type: none">• 11,750 population, with commercial projects in development or under construction that include hotels, multi-family, restaurants, retail, industrial, schools, a 500+ acre movie studio and over 500 new housing starts per year. Consultant <i>2004-2021</i> <ul style="list-style-type: none">• 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 in Jamaica, China, and across the U.S.• Subject Matter Expert• Inspector for FHA and VA• Assist developers and builders with plan review and inspections Energy Codes Specialist, Energy Systems Laboratory, Texas A&M Engineering Experiment Station, Texas A&M University System, College Station, TX <i>2004-2006 and 2008-2023</i> <ul style="list-style-type: none">• Managed certification training programs under a State Energy Conservation Office contract.• Represent the ELS on numerous committees and at conferences in the United States, Berlin Germany, and Shenzhen China• Assist with the development and analysis of local amendments to energy efficiency standards for municipalities and the State of Texas• Assist with the design of EPA approved simulation software for energy efficiency analysis Codes and Regulations Manager, US Greenfiber, Charlotte, NC <i>2006 -2009</i> <ul style="list-style-type: none">• Developed long term strategy for working with national and state agencies and other organizations influencing or affecting cellulose insulation products• Fostered relationships with Federal and State legislatures and national agencies and organizations, including numerous on-site visits to Capitol Hill• Coordinated the update and renewal of the ICC-ES evaluation reports• Assisted the Quality Assurance team• Prepared and managed department budget Adjunct Professor, Austin Community College, Austin, TX <i>2002 - 2004</i> <ul style="list-style-type: none">• Developed the Building Codes class syllabus and material based on ICC codes• Provided instruction in the Building Construction certification/degree program

Employment

Codes Specialist, *Green Building Program, Austin Energy*, Austin, TX

- 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

- Worked with Good Sense energy efficiency program serving 11 electric cooperatives in 9 Texas counties

Building Official/Inspector, Pampa (1981-83), Belton (1983), Austin (1984-89) and Bastrop, (1990-95) and Gonzales (2023), Texas

- 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, 2012

Patents – Co-Developer

- StoyBoard Akuztik Panel – Sound Barrier for temporary construction use

Associations

- **ICC – currently serving on the Board of Directors. A founding member of 3 ICC Chapters - Bluebonnet, Central Texas, and the Women in Code Enforcement and Development.**
- **BOAT – Served on the Board of Directors, currently a member of the Disaster Recovery Team**
- **SBCCI – Served on Plumbing Code Development and Education 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 – 2008 edition**
- **Austin Area Home Builders Association – Served on the Education Committee**
- **ASHRAE – Served as a 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)
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