

Kimberly Carlson, P.E.
College Station, Texas 77845
(979) 690-3398
kimcarlson@verizon.net

EDUCATION:	Master of Architecture Texas A&M University College Station, Texas	5/02
	Bachelor of Science in Engineering Mechanical Option The Pennsylvania State University Erie, Pennsylvania	2/92
PROFESSIONAL EXPERIENCE:	DESIGN CONSULTANT Kim Carlson College Station, Texas <u>Sole Proprietorship</u> <ul style="list-style-type: none">• Residential and light commercial building design• Develop Architectural drawings - floor plans, site plans and elevations• Local code, Texas Accessibility Standards and Zoning Ordinance consultant• Commercial space planning and interior design	4/05 – present
	THE ARKITEK STUDIO, INC. College Station, Texas <u>Intern</u> <ul style="list-style-type: none">• Develop architectural drawings - floor plans, site plans and elevations• Commercial space planning and interior design• Coordinate engineers, consultants and general contractor on building projects• Coordinate architectural specifications and review contractor submittals	8/02 – 5/04
	ENERGY SYSTEMS LABORATORY Texas A&M University <u>Research Engineering Associate II</u> <ul style="list-style-type: none">• Develop site monitoring for energy analysis• Determine equipment requirements for site monitoring• Develop cost estimates for site monitoring• Manage contractors and inspect energy monitoring installations in the field	8/95 - 7/02
	H.L. ENGINEERS ARCHITECTURAL CONSULTANT College Station, Texas <u>Architectural Engineer</u> <ul style="list-style-type: none">• Survey existing buildings and measure physical dimensions• Develop Architectural drawings - floor plans, site plans and elevations• Work with city officials to ensure local codes are executed in design	4/01 – 5/02
	FOWLER HEATING AND AIR CONDITIONING	7/94 - 4/95

Erie, Pennsylvania

Design and Sales Engineer

- Design residential and light commercial heating/air conditionings systems
- Calculate building thermal loads and air flow requirements
- Estimate job costs, materials, selling price and present technical designs

R.E. MICHEL COMPANY

7/94 - 4/95

State College, Pennsylvania

HVAC Sales Representative

- Managed 90 company accounts
- Established new accounts, increased existing and potential business
- Assisted with technical services and trouble shooting

**TEACHING
EXPERIENCE:**

COLLEGE OF ARCHITECTURE

The Texas A&M University

Senior Lecturer

8/02 – present

- COSC602 CONSTRUCTION ESTIMATING
- COSC175 CONSTRUCTION GRAPHICS
- UK INTERNATIONAL CONSTRUCTION LAW STUDY ABROAD
- COSC253 MATERIALS AND METHODS I
- COSC325 ENVIRONMENTAL CONTROL SYSTEMS I
- COSC326 ENVIRONMENTAL CONTROL SYSTEMS II
- COSC440 INTERDISCIPLINARY CAPSTONE
- COSC446 SPECIALTY CAPSTONE
- ENDS233 ENVIRONMENTAL SYSTEMS I

Guest Lecturer

- COSC326, Environmental Control Systems II

Topic: electricity fundamentals

4/98

Topic: psychrometry

10/98

**ACADEMIC
SERVICE:**

Facility Advisor

8/05 – present

MECHANICAL AND ELECTRICAL CONTRACTORS ASSOCIATION
STUDENT CHAPTER (MCAA)

Facility Advisor

4/05 – 4/06

ASSOCIATED BUILDERS AND CONTRACTORS STUDENT CHAPTER
(ABC)

Banquet Coordinator

8/05 - present

2005/2006 DEPARTMENT OF CONSTRUCTION SCIENCE

Undergraduate Curriculum Committee

8/06-5/06

DEPARTMENT OF CONSTRUCTION SCIENCE

Industrial Relations Committee

8/06-present

DEPARTMENT OF CONSTRUCTION SCIENCE

PROFESSIONAL LICENSE: State of Texas Professional Engineer, license no. 85401

7/99

PUBLICATIONS: "Shared Signals: Using Existing Facility Meters for Energy Savings Verification." McBride, J.R., C. Bohmer, K. Carlson, S. Price, and J. Lopez. *Energy Engineering*. Stillwater, OK, Vol. 95, No.1, 1998.

"Results of the Blink Test on the Engineering Physics Building" Carlson, K.A., D. O'Neal, J. Bryant, K. Milligan, C. Ortiz and C. Campbell. ESL/TAMU – A1-99, Energy System Laboratory, College Station, Texas, June 1999.

"Results of the Blink Test on the '32 Wing of the Chemistry Building" Carlson, K.A., D. O'Neal, J. Bryant, K. Milligan, C. Ortiz and C. Campbell. ESL/TAMU – A2-99, Energy System Laboratory, College Station, Texas, October 1999.

PRESENTATIONS:

The "STEM" Test: An Approach for Determining Building Connected Load information" Presented at the Renewable and Advanced Energy Systems for the 21st Century. Lahaina, Maui, Hawaii, April 11-15, 1999.

"Instrumenting Buildings to Determine Retrofit Savings: Murphy's Law Strikes Again" Presented at the 11th Symposium on Improving Building Systems in Hot and Humid Climates. Radisson Plaza Hotel, Fort Worth, Texas, June 3, 1998.