

Current Position: Architectural Technology Consultant
ArchiSolutions
www.archisolutions.com

Registration: Licensed architect
Texas registration no. 14724; NCARB no. 45934

Education: BA in Architecture, **Iowa State University**, 1988
M Arch, **University of Houston**, 1993

Prof. Experience: 24 years



ArchiSolutions. Architectural Technology Consulting. 2001-present (*Owner*)

Southern Land Company. Franklin, TN. Real Estate Development. 2007-2008
(*Director of Automation Technology*)

Kirksey. Houston, TX. Architecture, Interior Design, and Sustainable Design.
1995-2007 (*Director of Architectural Technology, Senior Associate*)

The Mathes Group. Houston, TX. Architecture and Engineering. 1993-1995
(*Studio Manager, Project Architect*)

Ferro-Saylors, Inc. Houston, TX. Architecture and Engineering. 1992-1993 (*Intern Architect*)

Pearson-English Architectural Design. Houston, TX. Architecture and Interior Design. 1992 (*CAD Consultant*)

Ashok Sen Mungara, AIA. Houston, TX. Architecture. 1992 (*CAD Consultant*)

Thorson, Brom, Broshar, Snyder Architects. Waterloo, IA. Architecture and Interior Design. 1988-1991 (*Intern Architect*)

Iowa State University Maintenance Office. Ames, IA. Design Group. 1986-1988
(*Designer/Draftsperson*)

Technology: Since 1997, I have built my technology career. I brought **Southern Land Company** and **Kirksey** to the technological forefront of the architectural profession; I spearheaded several advancements, including the conversion of office CAD platforms from conventional 2D drafting to 3D object-oriented *BIM* technology using **ArchiCAD** and the creation of in-house *Visualization Departments*. Internationally renowned in my field, I have been published in many professional journals and publications and am regularly invited to speak at related functions. I am one of a few in the world who is certified as a **Graphisoft Registered Consultant** and currently consult with companies requiring my *BIM* expertise.

- Specialist Fields: Building Information Modeling
Software Training and Development
Visualization
Commercial and Residential Architecture
Historic Preservation/Adaptive Reuse
Urban Planning
Green Building Design
Feng Shui
- Leadership: At **Southern Land Company** and **Kirksey**, I stepped into a variety of leadership roles. At both companies, I created a *Power User Group*, training methods, and proprietary software documentation to facilitate/support implementation of *BIM*. At **Kirksey**, I co-chaired the *Project Delivery Committee* and chaired the *Automation Committee*.
- Architecture: Prior to my current focus on technology, I worked as an architect and project architect/manager in the Midwest and Texas. My experience includes work on healthcare, assisted-living, correctional, collegiate, religious, public, industrial, laboratory, commercial, adaptive reuse, historic preservation, single-family and multi-family residential projects.
- Teaching: Adjunct Architectural Professor. **Lee College** Baytown, TX. *Architectural History* Spring/Fall 2006

Graduate Teaching Assistant. **University of Houston** Houston, TX. *Historic Preservation Studio and Elective Course* Spring/Fall 1992, Spring 1993

Architectural Technology Software Trainer. (See client list below)
- Presentations: "The Business of Collaboration – BIM in the Cloud." **AIA - NE Texas Summer Conference** Longview, TX. June 2011 (*Speaker/Presenter*)

"BIM Maximization – Implementation Strategies for Success." **Graphisoft** webcast. January 2010 (*Speaker/Presenter*)

"Carbon Footprint Consequences of Design Decisions." **Texas Society of Architects 2009 Convention** Houston, TX. October 2009 (*Speaker/Presenter*)

"Revolutionary BIM." **AIA Austin Chapter** Austin, TX. August 2009 (*Co-presenter w/ CADeshack*)

"Integrating Design & Construction: Case Study Featuring Kirksey and the Award-Winning Westway Park Office Building Project." **Graphisoft** webcast. January 2007 (*Co-presenter w/ Russell Wooten of Kirksey*)

"BIM Case Study: Westway Park Office Building." **2006 AIA/AGC Annual Joint Meeting** Houston, TX. December 2006 (*Panelist*)

“A Virtual Shift in Building Construction (a.k.a. BIM).” **LRGV AIA Building Communities Conference** South Padre, TX. September 2006 (*Panelist*)

“BIM - What is it, and how will it help me with my project?” **AIA-Austin Luncheon Meeting** Austin, TX. July 2006 (*Visiting Speaker*)

“Successful BIM Case Studies.” **AIA-Austin BIM Conference** Austin, TX. April 2006 (*Panelist*)

“BIM, The Next Big Thing in Construction.” **IRgA 2006 Annual Convention & Trade Show** Orlando, FL. May 2006 (*Panelist/Presenter*)

“Virtual Building Solutions – Design Cost Awareness.” **AIA National Convention** Los Angeles, CA. May 2006 (*Supporting Presenter for Dominic Gallelo of Graphisoft*)

“Collaboration: Model-Based Teams, Teams That Share Models.” **GSA Virtual Builders Roundtable** Washington, DC. December 2005 (*Co-presenter w/ Jim Brunson, CPE of Satterfield & Pontikes*)

“BIM There, Done That.” **BIM Workshop sponsored by UH** Houston, TX. March 2005 (*Speaker/Presenter*)

“BIM for Large Offices.” **Graphisoft Annual Reseller Meeting** San Antonio, TX. 2004 (*Speaker/Presenter*)

Prof. Organizations: American Institute of Architects
TSA / AIA Austin Chapter
GDL Alliance
National BIM Standards Committee (NIBS)
BuildingSmart Alliance

Awards | Publications: **2006 AIA TAP BIM Award** – Inspirational Pilot Project (with **Kirksey**)
Cadence Top Gun. First Place, 2000. Second Place, 1999
Computer Graphics World. Volume 21 No. 6. June 1998
Journal of Engineering Technology. Cover Image. Fall 1993
1992 International CADDIE Awards – CADalyst. Second Place
ACADIA Quarterly. Vol. 11 No. 3. Summer 1992
Autodesk, Inc. – Supplement to T.H.E. Journal. October 1992

Software Knowledge: ArchiCAD (EcoDesigner, MEP Modeler, BIM Explorer, BIM Server, BIM Manager)
VICO Constructor
Revit
Solibri Model Checker
SketchUp
Piranesi
AllPlan
AutoCAD/IntelliCAD/DraftSight
Cadvice (A/E Tools)

Lightscape
Cinema 4D
Art-lantis
FormZ
3D Studio MAX/VIZ
Adobe CS (PhotoShop, Illustrator, Dreamweaver, InDesign, Acrobat, Flash)
Adobe Premiere
CorelDraw
Microsoft Office Suite
Microsoft Visual Basic / VB.net
iWork Suite
Both **Windows** and **Macintosh** platforms

Service: Austin Area **ArchiCAD** User Group (2009-present)
Houston Area **ArchiCAD** User Group (1999-2007)
Urban Tree-Planting in Houston, TX (1995-2007)
Habitat for Humanity Construction Volunteer (1999)
CANstruction Food Drive (1997-1998)
AIA RUDAT – Main Street Corridor Study, Houston, TX (1992)
AIA RUDAT – Highway 20/I380 Corridor Impact Study, Waterloo, IA (1989)

Clients: **AMB Architects**. Houston, TX
Architecture365, Inc. Austin, TX
CAD Consulting Group. Chicago, IL
Coast 2 Coast. Chattanooga, TN
Collaborative Designworks. Houston, TX
Dick Clark Architects. Austin, TX
Furman + Keil Architects. Austin, TX
Geschke Group Architects. Austin, TX
Heimsath Architects. Austin, TX
Hoar Construction. Birmingham, AL
Hurt Partners. Austin, TX
Inventure Design. Houston, TX
Kirksey | Architecture. Houston, TX
Landon Bone Baker Architects. Chicago, IL
OwneRep Group. Houston, TX
Pi Architects. Austin, TX
Rhode Partners. Austin, TX
Seaux-Pierce Architecture. Austin, TX
Southern Land Company, LLC. Franklin, TN
Winn Wittman Architecture. Austin, TX
Worn Jerabek Architects. Chicago, IL

References:

Barry Moore, FAIA
Adjunct Associate Professor
Director Workshop for Historic Architecture
College of Architecture
University of Houston
122 College of Architecture Building
Houston, TX 77204-4000

713.743.2394
barry_moore@gensler.com

Scott Evans, AIA
Senior Project Manager
Hoar Project Management
Two Metroplex Drive, Ste. 300
Birmingham, AL 35209

205.423.3400
sevens@hoarpm.com

John Kirksey, FAIA
President
Kirksey | Architecture
6909 Portwest Drive
Houston, TX 77024

713.850.9600
johnk@kirksey.com

Keith Sylvester
Assistant Professor
East Carolina University
5132 Bellerive Bend Drive
College Station, TX 77845

979.739.5229
kesylvester@yahoo.com