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samples: www.synapse9.com/archt.htm

CURRENT INTEREST

I was the project architect on some fine buildings in 25 years in NY offices, but my interests turned back to my innovative environmental science research in 2008, that the design community will be eager to understand and use some day. My “4D Sustainability” goes furtherer than other methods, toward finding a project’s place in its ecology of living systems. Partly that’s by using my method of whole system impact assessment, for measuring the true coupling of a project to its impacts on the earth, offering a sound comprehensive and comparable measure of sustainability!

I’m looking for work consulting on sustainability science on teams doing high quality architecture and sustainable design. I also offer scientific research and consulting on the development, behavior, relationships and design of interventions in naturally occurring environmental systems.

SUMMARY

Published Research Scientist on environmental systems and sustainability, Project Architect, Wide Experience in Public Buildings, Design, Detailing, Design Science, Sustainable design methods, Peer Review, CA; ACAD Revit

EDUCATION

University of Pennsylvania, Masters of Fine Arts in Architecture,
St. Lawrence University, B.S. physics

PUBLICATION

- Publication list: <http://www.synapse9.com/jlhpub.htm>
- Research blog: Reading Nature’s Signals <http://www.synapse9.com/signals>
- 4D Sustainability “Connections”: <http://www.synapse9.com/connection/>

EXPERIENCE

Jul 2008
to Present

HDS SYSTEMS DESIGN SCIENCE – 680 Ft Washington Ave NY NY 10040
Research and consulting on the development, behavior and management of relationships with natural systems

Jun 2008
to Jul 2008

SLCE/AEROTEC - 841 Broadway 7th Fl New York NY 10003
2141 Broadway, luxury residential midrise, design development

Apr 2006
to Dec 2007

H3 HARDY COLLABORATION / HARDY HOLZMAN PFEIFFER ASSOC.

Aug. 2000
to Jun 2003

*Jackson MS US Courthouse – Public space, site, shell & ornament; detail design
Bear Mountain Inn & Niagara Gorge Visitors Center, project architect; Niagara Gorge elevator tower, NY Botanic Garden Visitor Center & Middlecountry Public Library Selden Center, Grand Rapids Public Library*

Jul 2003
to Apr 2006

ROTHZEID KAISERMAN THOMSON & BEE

*Montgomery Green tower, Freeport Square - peer review
So. Orange Performing Arts Center, Methodist Hospital, Cathedral Gardens residential high-rise; design development, detailing & CA; Associate*

Jan. 1999
to Jul 2000

JACK GORDON ARCHITECTS 43 W 23rd St New York NY 10010

*Architect; Coney Island Ball Park new stadium, design development & detailing;
Jewish Theological Seminary new infill, building & interior design, detailing;
Network coordination*

Aug. 1996
to Jan. 1999

ACHESON THORNTON DOYLE 44 W 18th St New York NY 10011

Architect; Metropolitan Club addition, building design & details, Schaffer Residence, interior design & detailing; Network coordination

Architect; St. Agnes Cathedral, design, detailing, field supervision, Pace Photo Gallery interior design & details; Network coordination

Oct. 1992 to Aug. 1996 **CFA Senior Consultant:** 12 East 33rd.Street New York NY 10016
• **Kohn Pederson Fox, Dechert Price Rhoad, Teachers Bldg Lobby** 1996
• **Rockwell Group, Mohegan Casino, Le Cirque Du Soliel at Disney** 1995
• **IA, Fidelity Investments, New Hampshire** 1995
• **David Helpern, Collegiate School** 1995
• **Beyer Blinder Belle, Grand Central Terminal, Darian Schools** 1994
• **Gwathmey Siegel, NYPL SIBL at B. Altman Center** 1994

Feb. 1992 to Sept. 1992 **BELCIC & JACOBS P.C.** 424 Madison Ave New York NY 10017
Banana-Kelly center, AutoCAD design, 3D presentation, Dbase support - Banana-Kelly center +

July 1991 to Feb. 1992 **KOSZALKA DESIGN LTD** 20 Max Avenue Hicksville NY 11801
Post Perfect sound studios, design development & detailing,

June 1986 to Jan. 1991 **SPGA** 65 Bleecker Street New York NY 10012
PROJECT DESIGNER: Design from concept to construction for major new and renovated club facilities - *Lakeover CC, Tam O'Shanter CC*

PROJECT MANAGER: Programming, estimates, presentations, coordination, contracts & observation for Corp. interiors, club and residential - *Llewellen Res, Post Perfect, Loews Corp, Deal CC, Bloomfield Hills CC, Garden City CC +*

Oct. 1985 to June 1986 **DAVID LIEBOWITZ & ASSOC** 70 West 40th St New York NY 10018
DESIGNER & DETAILER: airport, subway, prison and hospital projects.

April 1984 to Sept. 1985 **VOLLMER ASSOCIATES** 50 West 23rd Street New York NY 10010
ARCHT-PLANNER: Architectural design for engineering projects. NYC Dept Cultural Affairs, design contracts for \$100 million in major NYC gov. projects

July 1983 to Feb. 1984 **SVERDRUP & PARCEL** 1250 Broadway New York NY 10011
GROUP LEADER: Regional Federal building survey & analysis contract.

SPECIAL EXPERIENCE

- Patent on heat transfer; Building Climate Research; 4yr General Contractor
- AutoCAD, AutoLISP programming,
- Comprehensive sustainable design methods & global impact measures;
- Fundamental science of natural systems and systemic learning processes;
- Published peer reviewed fundamental sustainability science research
- Representing an international NGO group in the UN's Open Working Group for Post 2015 world Sustainable Development Goals, [Commons Action for the UN](#) & [Commons Abundance Network](#)