

# André Tomas Chaszar

PE, BArchEng, MSArch

## Professional Qualifications

Master of Science in Architecture, Technical University of Budapest, 1995  
Bachelor of Architectural Engineering, Pennsylvania State University, 1989  
Professional Engineer, State of New York

## 1996 - present

### **Buro Happold, New York**

Associate: business development, project management, structural analysis, design and detailing. Projects include: Genzyme Headquarters, Cambridge, MA – Behnisch, Behnisch & Partner; Raybould House – urethane composite shell structure with Kolatan/MacDonald; Korean Presbyterian Church of New York - conversion of factory structure with Greg Lynn Form; numerous glass and fabric sculptures with James Carpenter Design Associates; all-glass pavilion for solar technology exhibition at Cooper-Hewitt National Design Museum.

## 1995 - 1996

### **Weidlinger Associates, New York**

Structural engineer: analysis and design. Projects included: fabric covered soccer stadium in La Plata, Argentina; Bank of China Headquarters, Beijing; expansion of American Museum of Natural History, New York; Baruch Academic Complex, New York.

## 1990 - 1993

### **Robert Silman Associates, New York**

Structural engineer: project management, analysis, design & detailing. Projects included: renovations of the Victory Theater, the New School for Social Research auditorium and the Hudson Theater; Takashimaya tower - 20-storey steel, rigid frame; P.S. 1 studio/gallery addition - concrete flat-slab; Hawkins-Mount house museum - historic preservation – repair & stabilization of 18/19th-century wood structure; Cooper-Hewitt museum renovation - conversion of historic brownstones with steel and terra cotta floors; Godosky residence, East Hampton - steel and wood frame on timber piles.

## Other formative experience

Study abroad at Technical University of Helsinki, Finland, and the University of Leeds, England; tour of continental Europe during one-year leave-of-absence from undergraduate studies; work-study: **Construction Engineering Research Laboratory in Würzburg, Germany** and **Fischer Architekten, SA in Zürich, Switzerland**; residential contracting.

## Publications and Presentations

- “BIPV Solar Pavilion: Multi-functional Use of Glass” presented March 1999 and published in CWCT ‘Glass in Buildings’ Conference Proceedings, Bath, England
- “Composite Construction, Organic and Serial,” presented at ‘Architecture & Technology: a New Synthesis’ symposium, Illinois Institute of Technology, April 1999
- “Carboard Construction for Buildings,” presented at ‘the Sustainable Building Envelope Materials Symposium,’ Building Environment & Thermal Envelope Council, National Institute of Building Sciences, June 2000
- “Sign of the Times,” sustainable design features of 4 Times Square building, The Architects Journal, London, May 1999
- Contributing editor, Octagon magazine, Budapest, 1998 to present
- Editorial advisory board, Architecture & Design magazine, London, 2001 to present

## Teaching

- Assistant Adjunct Professor, Columbia University GSAP, Fall 2000, Fall 2001, seminar: “Current topics in architectural engineering”
- Co-Instructor of housing design studio, IIT, Spring 2000
- Instructor of Statics and Materials, Pratt Institute, Fall 1999
- Co-Instructor of Advanced Structures Tech course, Department of Architecture, RPI, Spring 1999
- Asst. instructor in structures courses for architects, PSU 1986-87.
- Guest critic for architectural design studios and technical courses at Massachusetts Institute of Technology, Columbia University, University of Pennsylvania, New Jersey Institute of Technology, PSU, and University of Bath, England, 1990-present.