

## Commissioned Kinetic Sculpture

Since 1988, experience in creating interactive kinetic sculpture for various clients including museums, parks, solar power manufacturers, financial and educational institutions, law firms, government agencies, real-estate developers, architects and interior design firms. Clients have included Princeton University, The Franklin Institute, Cirque du Soleil, Hoekstra Solar, Merrill Lynch, University of Windsor, Scotiabank, Cathay Pacific Airways and Centennial Olympic Games, Atlanta:

- |                            |                    |
|----------------------------|--------------------|
| ◆ Bronze Kinetic Sculpture | ◆ Museums          |
| ◆ Solar                    | ◆ Corporate        |
| ◆ Wind                     | ◆ Public / Private |
| ◆ Hand Activated           | ◆ Sculpture Parks  |

## Recent Projects

- **Solar Butterfly**, has a six foot aluminum wing span, flutters up and down electro-mechanically when the sun shines. The wings are treated with an optical hue shifting pigment, enabling the wings color to subtly fluctuate with changes in position or light. Miami Beach Botanical Garden, Miami Beach, FL 2007-06.
- **Quark Park, Princeton.** The *Stelarator* a creative collaboration between kinetic sculptor, Rein Triefeldt and Rob Goldston, scientist, Director of the Princeton Plasma Physics Laboratory at Princeton University. The 16' structure represents an experimental fusion device called a *Stelarator* or star generator. Landscape Design, *Moon Landscaping*. Kevin Wilkes, AIA - Peter Soderman and Alan Goodheart, ASLA, developed Quark Park. The World Hope Foundation was the fiscal agent for this project.
  - ◆ **Quark Park Awards**
    - ◆ **American Planning Association, APA, NJ** 2006 Award for Planning, Outstanding Implementation of Short-term projects with long-term consequences.
    - ◆ **The American Institute of Architects, AIA,** 2006 Design Merit Award.
    - ◆ **The New Jersey Society of Architects, AIANJ,** Service Awards Program is designed to focus on the accomplishments of members and non-members on issues of public awareness of the built environment, service to the community and other non-design aspects of our profession.
- **Grounds for Sculpture, New Jersey.** *Momentum*, museum exhibition, coordinated on behalf on behalf of the members of the Kinetic Art Organization. 2006
- **The Franklin Institute, Philadelphia.** *Chaotic Flyers*, Bronze and Stainless Steel Chaotic Pendulum. Three pendulums are connected at a central hub. When the central hub is turned the entire system is in motion. At the end of each pendulum is a *Flyer* acrobatic figure. The motion is completely unpredictable and impossible to duplicate, a chaotic trapeze act. 2005
- **'t Ulenêst Sculpture Park and Gallery, The Netherlands.** *Timeless*, the tenth anniversary exhibition, with bronze wind sculpture *LeBaron*. 2005
- **Library of the Academy of Science, Beijing, China.** Photographs of recent Solar Kinetic works were exhibited in a photo exhibition of contemporary kinetic art. Mr. Mosoon Kwauk organized the exhibit. 2005
- **Cirque du Soleil International, Art Integration Program,** since 1998 inspired by the CDS performers, produced hand activated bronze kinetic sculptures *Variki Arc* and *Russian Swing* with an edition prints slated to tour thru 2005. (USA, in East Asia and Western Europe).
- **International Schools Services, Princeton.** Bronze kinetic *Flyer* sculpture awarded to John M. Nicklas, President as a retirement gift. Aug. 2005
- **Art in Motion, the Dutch Biennale,** at the Bos van Ypeij Park, The Netherlands. Curated by Cor Wetting. A catalog chronicling the careers of the participating artist was also published. One of two Artists selected from the United States. 2003
- **SeeSaw,** Eight-foot Bronze Kinetic Wind Sculpture commission, Boston, Massachusetts.
- **Temple,** Hand activated Bronze Kinetic Sculpture commission. Chappaqua, NY.

## Projects [before 2000]

- **1998, Merrill Lynch Building**, Windsor, Canada. Bronze and Wood *Lunicyclisté* hand activated kinetic sculpture for the building lobby. Commissioned by the buildings Developer
- **1997 University of Windsor, CAW Student Center, Flyer**, ten-foot fiberglass and steel, hand activated kinetic sculpture with life size diving figures orbiting vertically. The commission awarded as the result of a year long public review and ballot. Windsor, Canada.
- **1996 Centennial Olympic Games, Olympic High Flyer**, hand activated bronze kinetic sculpture exhibited at Canada Olympic House, Atlanta, and now in a private collection.
- **1992 to 1995 Exhibited Touchstone Gallery, Hong Kong**
- **1986 to 1988 RCAF Hall of Tribute**, 36' diameter, 9-ton cast bronze floor relief of the earth's surface as it appears from the North Pole. Contracted to produce fiberglass and wood patterns for bronze casting, provided foundry liaison, metal chasing, patinization, and installation services. National Aviation Museum, Ottawa, Canada.

## Honor and Awards

- **2004, Contemporary Arts Center, New Orleans**, Lecture given at the invitation of the International Sculpture Center Symposium,
- **2002, Award of Excellence**, Kinetic Art Organization, West Palm Beach, Florida.
- **1996, Princeton Art Association**, Lecture given at the invitation of the Board of Directors.
- **1993-96 University of Windsor Fellowship**, for Kinetic Sculpture "Flyer",
- **1990 Stamford Museum, Connecticut**. Lecture given at the invitation of the museum.

## Teaching Positions

- *2000 to present*. Designed and taught introductory through senior level courses in Sculpture at **The College of New Jersey**, serves as a member of its adjunct faculty.
- *1988 to 1997*. **Johnson Atelier Institute of Sculpture**, Mercerville, New Jersey, is among the worlds leading educational, not-for-profit sculpture casting and fabrication facilities. Trained apprentices and staff in casting, fabrication, installation, and management of large scale sculpture projects,
- *1996-97*. Sculpture Faculty, **Artworks of Princeton**, Princeton, New Jersey.
- Delivered guest lectures/workshops in the USA, Canada, and Western Europe.

## Memberships

- **Kinetic-Art.Org**, 2001 Co-founder & Board Member - international non-profit association with over 1000 members in 60 countries, now the largest kinetic art organization in the world.
- **KINETICUS**, 2001 Co-Founder and Board Member of the European Kinetic Art Society, [www.kineticus.com](http://www.kineticus.com), Germany.
- Professional Member, **International Sculpture Center**, ISC, USA
- Professional Member, **Americans for the Arts**, AFTA, USA
- Professional Member, **Art & Science Collaborations**, ASCI, USA
- Professional Member, **New York Academy of Art & Science**, USA

## Education

**1986 MFA**, Sculpture (w/ Multi Media Studies)

University of Windsor

Focused on kinetic sculpture.

Recipient: Scholarship in Sculpture, with Full Teaching Assistantship.

**1984 Additional Studies**, Art History

University of Toronto

**1984 BFA, Honors**, Sculpture

University of Western Ontario

Including studies in Painting, Printmaking, 'Minor' in Economics.

Recipient: Bursaries for Sculpture

**Articles and Reviews** <http://triefeldt.com/triefeldt.com/PressRoom/Bib.htm>