

**Brett Curtis Weber, Ph.D.**

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E-mail: [Art@BrokenArtGallery.com](mailto:Art@BrokenArtGallery.com)  
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**Education:**

[Temple University](#) - Philadelphia, PA.

Ph.D.	<a href="#">Neuroscience</a>	1997
M.S.	Neuroscience	1994

[Moravian College](#) - Bethlehem, PA.

B.S.	<a href="#">Honor's Distinction in Biology</a>	1991
B.A.	<a href="#">Fine Art - Painting</a>	1991

**Experience:**

1996 – Present      **Visual Artist**, shows in SOHO, Manhattan, New York, NY; Philadelphia, Pittsburgh, Allentown & Bethlehem, PA; Denver, CO, USA & Hania, Crete, Greece.

1999 – Present      **Volunteer for National Multiple Sclerosis Society**, New York, NY and Greater Delaware Valley Chapters. Dr. Weber has provided assistance on many different projects. Contact Andrea Furry, Communications Manager, [National MS Society](#), 733 Third Avenue New York, NY 10017, Phone: 212-476-0442 & Jerry Werner, MS Wellness Program Coordinator, [Good Shepherd Rehabilitation Hospital](#), Allentown, PA., Phone: 610-778-9303.

- Most recently Brett and his family traveled from Allentown, Pennsylvania to the National Multiple Sclerosis Society in New York City to be **interviewed** for the "[FaceofMS.org](#)" website. The site, created in honor of the National Multiple Sclerosis Society's 60th anniversary, includes video clips and interviews with 60 people whose lives have been impacted by MS – whether directly by the disease, or indirectly in their roles as caregivers, researchers, friends and relatives. The site went "live" on March 12. On that day, images from the site – [including Brett's](#) -- were projected onto the walls of the NASDAQ building on Time Square in New York City.
- His image also appears as part of a national series of billboards, taxi media, bus shelter cards and mall displays: [National Multiple Sclerosis Society Billboard Campaign](#).
- His artwork was included in the 2002 "Healing Art of Creativity" Calendar and Christmas Cards.
- He has written about his experiences with MS for a chapter that appeared in author Jackie Waldman's book [People with MS with the Courage to Give](#), and which has also been published in [ArtisSpectrum](#) and [Ability](#) magazines to raise funds & public awareness about multiple sclerosis.

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- He has written an article for [InsideMS](#) magazine entitled “**Let Me Tell You - About Emulating Leonardo.**”
- With his family & friends, he has organized many different art shows aimed at bringing greater public support for research on multiple sclerosis.
- Brett instructs classes on Creativity from Science to Art. One article entitled “[MS victims find refuge in art](#)” appeared in the [Morning Call Newspaper](#) July 31, 2005.
- Brett Weber, Ph.D. and his MS Wellness Program Coordinator Jerry Werner, COTA/L, MSCS will be presenting a poster about their MS Wellness Group’s painting experience later this year at the 20th Annual Conference of the Consortium of Multiple Sclerosis Centers being held in Scottsdale, Arizona (May 31 to June 3, 2006). For more information about the conference visit: <http://www.ms-care.org/cm-sc/index.php>

2005

**Keynote Speaker** at the [Rocky Mountain MS Center’s](#) Annual Convention “**The Arts and Living with MS**” held September 17, 2005 at the [Arvada Center for the Arts & Humanities](#), Denver Colorado.

Contact Karen Wenzel, Executive Director for more information, Phone: 303-788-4030 X101. This highly interactive seminar provided an overview to the physical and emotional benefits of creativity and self expression. Participants had the opportunity to experience a variety of modalities including two painting sessions instructed by Dr. Weber, also workshops in sculpture, music, movement, the written word, and other creative activities were part of the day. A concurrent MS Art Exhibit was also open and hosted by the Guild. Many artists with MS were part of the event including Dr. Weber and his artwork.

1999

**Assistant Professor of Physiology & Pharmacology**, Hahnemann University, now part of [Drexel University](#), Philadelphia, PA

1997 - 1998

**Visiting Assistant Professor of Biology**, [Chatham College](#), Pittsburgh, PA. (Dr. Joseph MacNeil, 412-364-1216).

- Instructed lectures and laboratories in:
  - *Human Gross Anatomy* within the Physical Therapy and Occupational Therapy Graduate Programs (class size = 91 students),
  - *Evolutionary Chordate Anatomy* and
  - *Introductory Biology* within the Undergraduate Biology Program.
- Directed an independent study course in:
  - *Computer 3-D Virtual Reality*.
- Instructed a summer naturalist painting lessons in:
  - *Painting from Bio*.

*Contract renewal with Chatham College offered, but not accepted.*

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- 1997 - 1999      **Consultant and Editor**, NeoTek, Pittsburgh, Pa, (<http://www.neotek.com>).
- Designing three-dimensional virtual reality software for graduate and undergraduate medical/scientific education.
  - Current software publications include Human AnatomyLab®, designed primarily for medical school students; and CatLab®, designed for undergraduate biology majors.
- 1993 - 1997      **Graduate Laboratory Coordinator**, Temple University, Philadelphia, PA.  
Dr. Stuart Neff, (215) 204-7238.
- Developed the laboratory teaching materials covered by each teaching assistant.
  - Organized laboratory schedules and provided examination content for *Vertebrate Anatomy*.
- 1991 - 1997      **Graduate Teaching Assistant**, Temple University, Philadelphia, PA.  
Dr. Edward Gruberg, Graduate Chair, (215) 204-1920.
- Instructed laboratories in:
    - *Physiology (6 years experience)*,
    - *Vertebrate Anatomy (5 years experience)* ,
    - *Introductory Organismal and Cell Biology (for majors)*,
    - *Introductory Biology (for non-majors)* and
    - *Genetics of Human Heredity (for non-majors)*.

### **Honors and Awards:**

- 1997-1999      [Sigma Xi](#), The Scientific Research Association, Associate Member.
- 1997              *Summa cum laude*, (Graduate GPA = 3.9), Temple University.
- 1996              Teaching Certificate of Merit, Temple University.
- 1992 - 1995      NIH Grant EYO4366, Funded through Dr. Edward Gruberg, Temple University.
- 1994              High Pass Distinction in Oral Ph.D. Qualifying Exam, Temple University.
- 1991 - 1997      Full Tuition Remission and Teaching Assistantship, Temple University.
- 1991              The Alumni Prize for Outstanding Achievement in the Natural Sciences, Moravian College.

- 1991 [Beta Beta Beta Award](#), Highest GPA in Biology (GPA = 3.87), Moravian College.
- 1990 [Tropical Marine Ecology Research Scholarship](#), Four week research scholarship through the [Bermuda Biological Station for Research, Inc.](#), Bermuda.
- 1990 - 1991 [Cook Scholarship](#), Moravian College.
- 1989 [Photography Internship Finalist](#), National Geographic Society, Washington, D.C.

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### Book Publications:

**Mind** (Book I) **Body** (Book II) & **Spirit** (Book III) – contact [BrokenArtGallery.com](http://BrokenArtGallery.com) or Cynthia Zona at Teddy's Café in the [The Sheraton JetPort](http://TheSheratonJetPort) Allentown, PA to order. (Zona Press – 2006)

[People with MS with the Courage to Give](#) - chapter appears in author Jackie Waldman's book.

### Research Publications:

Weber, B.C., & Gruberg, E.R. (submitted). The path of retinotectal axons regenerated after interruption of optic fibers in *Rana pipiens*. *Experimental Neurology*.

Weber, B.C., Waldeck, R.F., & Gruberg, E.R. (1996). Seeing beyond the midline: The role of the contralateral isthmotectal projection in the leopard frog. *Visual Neuroscience* 13, 467-476.

Weber, B.C., & Gruberg, E.R. (1995). A one-dimensional model of nucleus isthmi's influence on the optic tectum of the leopard frog. Abstract: *The Society for Neuroscience Annual Meeting Bulletin, Philadelphia Chapter*.

April, 1995      Poster presented at Philadelphia Philosophical Society before the Society for Neuroscience, Philadelphia Chapter, Philadelphia, PA.

Weber, B.C., & Gruberg, E.R. (1994). A possible role for the contralateral isthmotectal projection in the leopard frog. Abstract: *The Society for Neuroscience 24<sup>th</sup> Annual Meeting Bulletin, National Conference*, November 13-19.

Nov., 1994      Poster presented at the National Neuroscience Conference, Miami, Fla.

Weber, B.C., Waldeck, R.F., & Gruberg, E.R. (1994). Regeneration of retinotectal fibers in the presence or absence of ipsilaterally projecting optic fibers in the leopard frog. Abstract: *The Society for Neuroscience Annual Meeting Bulletin, Philadelphia Chapter*.

April, 1994      Poster presented at Thomas Jefferson Medical School before the Society for Neuroscience, Philadelphia Chapter, Philadelphia, PA.

Weber, B.C., Waldeck, R.F., & Gruberg, E.R. (1993). Regeneration of retinotectal fibers in the presence or absence of ipsilaterally projecting optic fibers in the leopard frog. Abstract: *The Society for Neuroscience 23rd Annual Meeting Bulletin, National Conference*, November 7-12, 1993: 19 Part 2; 450.9.

Nov., 1993      Poster presented at the National Neuroscience Conference, Washington, D.C..

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### Research Publications (continued):

Waldeck, R.F., Weber, B.C., & Gruberg, E.R. (1992). Regrowth of optic fibers and recovery of visual behavior after midline transection of the optic chiasm in *Rana pipiens*. Abstract: *The Society for Neuroscience Annual Meeting Bulletin, Philadelphia Chapter*.

April, 1992                      Poster presented at Hahnemann Medical School before the Society for Neuroscience, Philadelphia Chapter, Philadelphia, PA.

Weber, B.C., Gebelein, J., & Hamel, J-F. (1991). The reproductive behavior and embryonic development of the polychaete *Odontosyllis enopla*, the Bermuda fireworm. Abstract: *The Journal of the Pennsylvanian Academy of Science*, Volume 64.

April, 1991                      Presented at the Pennsylvania Academy of Science annual meeting, Reading, PA.

June, 1990                      Abstract and paper submitted to the Bermuda Biological Station for Research, Inc.. Presented at the Bermuda Biological Station for research, Bermuda

Weber, B.C. (1997). Journeys to the optic chiasm and beyond: Domains of visual control and pathfinding of regenerating optic fibers in the leopard frog. Doctoral Dissertation, Temple University, PA.

Aug., 1997                      Defended at Temple University before Dissertation Committee: Dr. Edward Gruberg, Dr. Michael Mote, Dr. Laurie Tompkins & outside advisor Dr. Jerome Lettvin of the Massachusetts Institute of Technology

Weber, B.C. (1991). The histology and cytology of the small bowel in the domestic chick, *Gallus gallus*. Senior Honor's Thesis, Moravian College, Bethlehem, PA.

May, 1991                      Senior Honor's Thesis on reserve at Moravian College Reeves Library. Defended before Honor's Committee at Moravian College, Bethlehem, PA.

Summer 1991                      Abstract appears in the *Journal of American Microscopy*.

## Brett Curtis Weber, Ph.D.

### Educational Software Publications:

Two educational modules are currently advertised and sold by the following:

U.S. Educational Supplier  
Beckley Cardy Group,  
Carolina Biological Supply Company,  
CENCO Central Scientific Company,  
Frey Scientific (now a division of Beckley Cardy), and  
Ward's Science Establishment;

Canadian Educational Supplier  
Tagent Scientific; and

European Educational Supplier  
Volker Tympel Medical Technical Image Processing.

#### Human AnatomyLab®

August, 1998  
CD-ROM

Brett C. Weber: Principal Author, Editor and Graphic Designer.  
Human AnatomyLab® is published by NeoTek.

#### CatLab®

August, 1997  
CD-ROM

Brett C. Weber: Co-Editor on version 3.0.  
CatLab® is published by NeoTek.

#### FrogLab®

Currently in progress  
CD-ROM

Brett C. Weber: Co-Editor.  
FrogLab® to be published during the Spring of 2000 by NeoTek.

#### BrainLab®

Currently in progress  
CD-ROM

Brett C. Weber: Co-Editor.  
BrainLab® to be published during the Fall of 2000 by NeoTek.