

Charles Siegel
Professor of Biology
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SELECTED TEACHING EXPERIENCE

Professor – Biology

Dallas County Community College District, North Lake College, Irving, TX
August 2011 - Present
Courses taught: BIOL 1406, BIOL 1407, BIOL 1408, ENVR 1401

Adjunct Professor - Biology

Dallas County Community College District, Eastfield College, Irving, TX
January 2010 -December 2011 (3 Semesters)
Courses taught: BIOL 1407, BIOL 1408

Teaching Fellow – Environmental and Moral Philosophy

University of North Texas, Department of Philosophy, Denton, TX
August 2010 – August 2011
Courses taught: PHIL 1400, PHIL 2500

Instructor - Zoo Biology, Shanghai China

Smithsonian Institution & Pew Charitable Trusts

EDUCATION

PhD Program in (Environmental) Philosophy
ABD in Wildlife and Fisheries Sciences
Master of Science in Biology/Ecology & Ethology
Bachelor of Science in Biology/Ecology & Ethology

University of North Texas - Denton
Texas A & M University – College Station
University of Illinois - Urbana
University of Illinois - Urbana

PROFESSIONAL EXPERIENCE

Deputy Director

June 1999-Sept. 2009

City of Dallas, Parks & Recreation Department, **Dallas Zoo & Dallas Aquarium**, Dallas, TX.

Directed all animal care, conservation, education, and science programs for the largest zoo in Texas. Managed a \$7 million annual operating budget and lead a staff of 155 professionals in the care, display, and conservation of 8,000 animals living in 250 habitats over 130 acres at two separate sites. Retired early from City of Dallas to pursue new goals upon privatization of the zoo.

- Led teams of professional zoologists, veterinarians, nutritionists, zookeepers, aquarists, and educators to ensure animal welfare and health; design, open, and maintain public animal displays and educational aspects of new exhibits; and oversee wildlife conservation programs in the field in Texas, Mexico, Anegada, Philippines, and Africa.
- Developed multi-year institutional expansion plans, coaching cross-departmental teams to implement them. Included creating major new public programs and wildlife exhibits.
- Oversaw the growth of zoo conservation education programs to serve more than 220,000 children and produce \$400,000 in annual revenues.
- Successfully opened over \$25 million in new or renovated animal exhibits, fourteen (14) of which were accomplished in a 3-year period.
- Served as principal institutional spokesperson for animal programs and crisis communications, interacting with local and national media in press conferences and live interviews. Acted as a key player to craft and deliver zoo policy and messages to external audiences.
- Established positive partnerships with other City of Dallas officials, Park Board members, nonprofit board members, and major donors through membership on Core Teams for the Zoo's Long-Range Development Plan, the Dallas Aquarium's Master Plan, the County Initiative to privatize the zoo, and the development and launch of the institution's new branding.
- Presented underwriting opportunities to prospective donors, and created exciting cultivation opportunities for sponsors. As a member of a 3-person team, successfully solicited a \$2.3 million sponsorship from a new individual donor, which was at the time the institution's largest private contribution.

Zoo Animal Curator

May 1991 – June 1999

Associate Curator of Birds and Zoologist

May 1986 – May 1991

City of Dallas, Dallas Parks and Recreation Department, Dallas Zoo, Dallas, TX

Planned and managed the acquisitions, exhibits, husbandry, facilities, permits, research, and conservation activities for one of the world's largest bird collections. *Promoted to Deputy Director after a national search.*

- Recruited, trained and supervised 16 staff members, working with a \$700,000 annual budget.
- Conducted bird diversity research in Amazonian Peru; data used to support establishment of a sustainable lowland tropical forest reserve which now covers over 1 million acres.

- Accomplished “world’s first” bird breeding successes, acting as principal institutional spokesperson for the resulting international publicity.

Assistant Director and General Curator
Henson Robinson Zoo, Springfield, Illinois

April 1985 - April 1986

Partner

Julie Siegel & Associates Fundraising Consultants

Jan. 2001 – Nov. 2009

Assisted managing partner with multiple non-profit clients: grant writing, presentations and speeches, prospect research, media planning, event management and board development.

SELECTED CIVIC LEADERSHIP

Board of Directors, Rainforest Conservation Fund, Inc., March 2017 - present

Advisory Board, Rainforest Conservation Fund, Inc.

President and Board of Directors, Audubon Dallas: Non-profit committed to conservation and connecting people to nature, with membership of 1,500 families and management of three nature sanctuaries. **President** 2006-07; **VP Fundraising;** Chairman By-Laws and Nominating Committees; Cedar Ridge Preserve Management Committee.

Steering Committee, AZA Field Conservation Committee. Field Conservation Committee provides assistance to all AZA institutions to engage them in effective and sustained wildlife and habitat conservation.

Steering Committee, Bushmeat Crisis Task Force. Mission to build a public, professional and government constituency aimed at identifying and supporting solutions that effectively respond to the bushmeat crisis in Africa and around the world.

Vice Chairman and Co-Founder, North Texas Birds of Prey Center: Non-profit organization for the rehabilitation of native birds of prey, educational programming and outreach. Developed advisory board, sought funds from foundations and individuals, developed operating protocols, met with various elected officials, and planned meetings. Outreach programs estimated to have reached 50,000 people per year.

Program Director, American Federation of Aviculture Red Siskin Recovery Program.

Chair and Co-founder, Gruiformes Taxon Advisory Group, Association of Zoos & Aquariums.

Moderator and Founder, General Curators’ Listserve, Association of Zoos and Aquariums.

SELECTED PUBLICATIONS AND PAPERS

"Globalization and the International Wildlife Trade," 2007.

Paper presented at 40th Anniversary Meeting of the North Texas Philosophical Association, University of North Texas, Denton, TX.

Siegel, Charles E., Sara Hallager, and Tom Bailey. 2007. "Bustards." In *Encyclopedia of Aviculture*, ed. Glen Holland, 437-460. Blaine, WA: Hancock House Publishers.

Mace, Michael and Charles E. Siegel. 2007. "Storks." In *Encyclopedia of Aviculture*, ed. Glen Holland, 568-569. Blaine, WA: Hancock House Publishers.

Charles E. Siegel. 2007. "Saddle-bill Stork." In *Encyclopedia of Aviculture*, ed. Glen Holland, 572-577. Blaine, WA: Hancock House Publishers.

Holland, Glen and Charles E. Siegel. 2007. "Canaries and Finches." In *Encyclopedia of Aviculture*, ed. Glen Holland, 785-790. Blaine, WA: Hancock House Publishers.

Siegel, Charles E. 2002. "Order GRUIFORMES." In *Grzimek's Animal Life Encyclopedia*, 2nd edition. Volumes 9, *Birds II*. Eds. Michael Hutchins, Jerome A. Jackson, Walter J. Bock, and Donna Olendorf, 1-4. Farmington Hills, MI: Gale Group.

Siegel, Charles E. 2002. "Family: MANAKINS." In *Grzimek's Animal Life Encyclopedia*, 2nd edition, Volume 10, *Birds III*. Eds. Michael Hutchins, Jerome A. Jackson, Walter J. Bock, and Donna Olendorf, 295-304. Farmington Hills, MI: Gale Group.

Siegel, C.E. 1995. "Creating a staff-driven bird collection masterplan at the Dallas Zoo." *AZA Regional Conference Proceedings*. pp. 178-181.

Siegel, C.E. 1991. "Avian tuberculosis at the Dallas Zoo: Effects on collection management." *AAZPA Annual Conference Proceedings*. pp. 469-475.

Siegel, C.E., J.M. Hamilton and N.R. Castro. 1989. Observations of the Red-billed Ground-cuckoo (*Neomorphus pucheranii*) in association with tamarins (*Saguinus*) in northeastern Amazonian Peru. *Condor* 91:720-722.

SELECTED HONORS AND RECOGNITIONS

President's Scholar, 2014-2015	North Lake College, Irving, TX
Commencement Speaker, May 2015	North Lake College, Irving, TX
Excellence Award Winner, 2015	National Institute for Staff and Organizational Development
John & Suanne Roueche Excellence Award Winner, 2015	League for Innovation in the Community College
R.E.A.L. Fellow, 2011	Richardson Environmental Action League
Professional Fellow, 1991-2009	Association of Zoos & Aquariums
Elected Member	Phi Kappa Phi, Academic Honor Society
Elected Member	Gamma Sigma Delta, Academic Honor Society
Most Organized Chairperson	AZA Population Management Center
Sponsored Member	Sigma Xi, Scientific Honor Society
List of Instructors Recognized as Excellent by Their Students	University of Illinois (twice)