

Stephanie L. Parello

Hayden Planetarium / AMNH ★ Central Park West @ 79 Street ★ New York NY 10024 ★ 212.769.5905 ★ slap@amnh.org

Planetarium / Museum Educator

HAYDEN PLANETARIUM / AMERICAN MUSEUM OF NATURAL HISTORY, New York NY, 2000-Present

Manager of Hayden Programs

- ★ produce and direct large-scale public events (*see educational programs*)
- ★ coordinate monthly public lectures of scientists and science writers
- ★ created and developed three monthly live programs in the Planetarium (*see educational programs*)
- ★ managed up to thirty courses per year (*see educational programs*)
- ★ engage in general program support, streamlining into a profitable enterprise
 - guide content through proposal solicitation, instructor/presenter selection, and final evaluation
 - design and create promotional materials and printed programs
 - create program ideas, manage logistics and budget, and evaluate all programs
 - recruit speakers and negotiate with publishers
 - host lectures and monthly programs, including occasional instruction and presentation
 - coordinate with departments throughout the Museum, from audio-visual to security to accounting
- ★ supervise staff of up to 30 Instructors/Presenters, 7 Volunteers, and 1 Assistant
- ★ created a subscription-based e-mail list for Hayden and astronomy news — now over 700 subscribers
 - maintain, oversee, and write interesting sky, astronomy, physics, and science tidbits
- ★ research, write, and edit monthly skyReporter and star chart
- ★ vet internal and external astronomy materials for accuracy and pedagogy (*see publications references*)
- ★ interface with scientists in the Museum's Department of Astrophysics and elsewhere
- ★ answer public inquiries on astronomy and telescopes
- ★ manage inventory of telescopes and related equipment
- ★ created business plan to improve and grow the Hayden Planetarium legacy
- ★ regularly attend professional meetings and conferences
 - International Planetarium Society (IPS) and regional planetarium societies (MAPS, SEPA, WAC)
 - American Astronomical Society (AAS)
 - Astronomical Society of the Pacific (ASP)
 - Association of Science and Technology Centers (ASTC)

TRAILSIDE NATURE AND SCIENCE CENTER, Mountainside NJ, 1999-2000

Planetarium Program Developer and Presenter

- ★ developed and conducted planetarium shows for groups and general public (*see educational programs*)
- ★ coordinated large scale full-day event of activities, workshops, seminars, and shows
- ★ maintained planetarium equipment, as well as proposed and consulted on planetarium upgrade

LIBERTY SCIENCE CENTER (LSC), Jersey City NJ, 1993-1999

Course Instructor and Developer

- ★ developed and presented courses for hands-on math and science topics (*see educational programs*)

Special Projects Assistant

- ★ organized preparation, presentation, and follow-up for Artist-in-Residence program
- ★ interfaced between student interns and LSC staff
- ★ facilitated large scale special events including coordination of staff, volunteers and vendors
- ★ compiled, edited, formatted, and proofread bi-weekly in-house newsletter
- ★ researched content, wrote labels, and located resources for exhibits and signage
- ★ budgets, scheduling, and reports

Museum Educator and Program Developer

- ★ developed ideas and projects for on-floor themed activities
- ★ researched and wrote fact sheets to enhance guest experience

Museum / Planetarium Educator *continued*

STATEN ISLAND CHILDREN'S MUSEUM, Staten Island NY, 1997
Museum Educator

- ★ developed and presented workshops and programs
- ★ managed special off-site exhibit

College Educator

COLLEGE OF STATEN ISLAND — City University of New York (CUNY), Staten Island NY, 1997-2001
Adjunct Lecturer - Astronomy Laboratory

- ★ taught introductory astronomy lab course in both planetary and galactic topics

Adjunct College Laboratory Technician — Astronomy Laboratory

- ★ prepared lab experiments and assist students

Astronomy Discussion Leader — Astronomy Lecture

- ★ lead discussion sessions and study groups concentrating on problem solving

Astronomy Tutor — Astronomy Lecture & Laboratory

- ★ work with individual students on course material

other academic projects

- ★ co-created, designed, and edited 'toolkit' of useful astronomical information for student use
- ★ wrote and edited introductory astronomy lab manual

Research

ASTROPHYSICAL OBSERVATORY OF COLLEGE OF STATEN ISLAND — CUNY, Staten Island NY, 1996-2001
Staff Researcher

Astrometric and Photometric Observations of Asteroids and Comets

- ★ operated 16" Meade telescope, and imaged asteroids and comets using CCD camera
- ★ measured position and magnitude of asteroids and comets using astrometric techniques
- ★ data published by the Minor Planet Center in Minor Planet Circular (*see publications references*)

OBSERVATORY AT PACE UNIVERSITY, Pleasantville NY, 1992-1993

Undergraduate Research Project — Astronomy

Independent study on Small Amplitude Red Variable Stars

- ★ obtained data using manual 11" Celestron telescope and Starlight-1 photometer
- ★ data published by Astronomical Society of the Pacific (*see publications references*)

PACE UNIVERSITY, Pleasantville NY **and LEMSIP**, Sterling Forest NY, 1991

Undergraduate Research Project — Primate Behavior

Comprehensive study of 2-year-old chimpanzees and preschool children to determine a correlation in their play and thinking [in association with New York University Medical School's Primate Laboratory (LEMSIP)]

- ★ filmed investigations and prepared video synopsis of findings

Other Talents

- ★ storytelling
- ★ graphic design
- ★ photography
- ★ origami and paper engineering
- ★ making lemonade — literally and figuratively

Education

PACE UNIVERSITY, Pleasantville NY

Bachelor of Science, Mathematics and Science, 1993