

## Curriculum Vitae

# Jason Charles Poole

Conservator/ Illustrator/ Educator/ Professor,  
Dinosaur Hall Fossil Preparation Laboratory  
Dinosaur Hall Coordinator  
Academy of Natural Sciences

1900 Benjamin Franklin Parkway  
Philadelphia, Pennsylvania 19103  
(215) 405-1547 (Office)  
(267) 258-6169 (Cell phone)  
Email: [jpoole@acnatsci.org](mailto:jpoole@acnatsci.org)

### **Personal Information:**

Born: July 22, 1970, Philadelphia, Pennsylvania.  
Marital Status: Married, two daughters.

### **Education:**

Associate of Arts, Antonelli Institute of Commercial Art and Photography, 1990.

### **Professional Organizational Affiliations:**

2012-present Fleischer Art Memorial of Philadelphia.  
1999-present Society of Vertebrate Paleontology.  
1998-present National Geographic Society.  
1998-present American Museum of Natural History.  
1993-present Academy of Natural Sciences.

### **Professional Meetings Attended/Invited Presentations:**

2000-present Historical Geology, Drexel University, Philadelphia, Pennsylvania  
2000 K-T Boundary Extinction, University of Pennsylvania, Philadelphia  
1999- present Society of Vertebrate Paleontology  
1998-present Advanced Vertebrate Paleontology Seminar, University of Pennsylvania, Philadelphia  
1998 DinoFest Symposium, Philadelphia, Pennsylvania  
1998 New Perspectives on Avian Evolution, Yale University, New Haven Connecticut

### **Research Interests:**

Extinct vertebrate reconstruction, through sculpture and illustration; vertebrate osteology.  
Macrovertebrate field collection techniques; field data capture and application techniques; mechanical fossil preparation in varied matrices; Public involvement in all of the former.

## Publications:

2014 Lacovara, Kenneth J.; Ibiricu, L.M.; Lamanna, M.C.; Poole, J.C.; Schroeter, E.R.; Ullmann, P.V.; Voegelé, K.K.; Boles, Z.M.; Egerton, V.M.; Harris, J.D.; Martínez, R.D.; Novas, F.E. (September 4, 2014). "[A Gigantic, Exceptionally Complete Titanosaurian Sauropod Dinosaur from Southern Patagonia, Argentina](#)". *Scientific Reports* **4**: 6196. [doi:10.1038/srep06196](#). [PMID 25186586](#).

2013 Jason P. Schein<sup>1,2</sup> and Jason C. Poole<sup>3</sup> A shark-bitten dinosaur (hadrosaurid) femur from the latest Maestrichtian basal Hornerstown formation, New Jersey, U.S.A. in press

Schein, J.P., Lacovara, K.J., Gallagher, W.B., and Poole, J.P., 2006. A nearly complete *Thoracosaurus neocesariensis* (Crocodylia:Gaviidae) from the Latest Cretaceous - earliest Tertiary basal Hornerstown Formation of New Jersey, U.S.A. *Journal of Vertebrate Paleontology*, 26 (3 supplement): 120-121.

Schein, J.P., Lacovara, K.J., Gallagher, W.B., and Poole, J.P., 2006. A nearly complete *Thoracosaurus neocesariensis* (Crocodylia:Gaviidae) from the Latest Cretaceous - earliest Tertiary basal Hornerstown Formation of New Jersey, U.S.A. *Journal of Vertebrate Paleontology*, 28 (3 supplement): 136.

2002 William Northdruff Smith, J.B., M. C. Lamanna, K. J. Lacovara, P. Dodson, J. R. Smith, **J. C. Poole**, *Lost Dinosaurs of Egypt*, Random-house In press projected release September 2002

2001 Smith, J.B., M. C. Lamanna, K. J. Lacovara, P. Dodson, J. R. Smith, **J. C. Poole**, R. Giegengack, and Y. Attia, 2001, A Giant Sauropod Dinosaur from an Upper Cretaceous Mangrove Deposit in Egypt, *Science*, Jun 1 2001: 1704-1706.

Egerton, V. E., Lacovara, K.J., Schein, J.P., Gallagher, W.B., and Poole, J.C., 2008. Articulated and associated shark vertebrae from the latest Cretaceous-earliest Paleogene basal Hornerstown Formation (New Jersey). *Journal of Vertebrate Paleontology*, 28 (3 supplement): 74.

2007 Thomas R. Holtz, Jr. *Dinosaurs The Most Complete, Up To Date Encyclopedia For Dinosaur Lovers Of All Ages*, Side bar author **Jason C. Poole**, Random-house

2002 William Northdruff Smith, J.B., M. C. Lamanna, K. J. Lacovara, P. Dodson, J. R. Smith, **J. C. Poole**, *Lost Dinosaurs of Egypt*, Random-house In press projected release September 2002

2001 Smith, J.B., M. C. Lamanna, K. J. Lacovara, P. Dodson, J. R. Smith, **J. C. Poole**, R. Giegengack, and Y. Attia, 2001, A Giant Sauropod Dinosaur from an Upper Cretaceous Mangrove Deposit in Egypt, *Science*, Jun 1 2001: 1704-1706.

## Illustration Publications:

Marissa Kelly Author Jason C. Poole illustrator 2016 *Epyllion A Dragon Epic*, Dragon Deck, Magpie Publishing

Marissa Kelly Author Jason C. Poole illustrator 2016 *Epyllion A Dragon Epic*, Magpie Publishing

Jason P Schein and Jason Poole, 2015 *A Dynasty of Dinosaurs* coloring book, Artemesia Publishing

2007 National Geographic Channel, Dinosaur Autopsy, Television Special.

2007 National Geographic Channel, Dinosaur Death Trap, Television Special.

2007 December National Geographic Magazine, John Updike, Peter Gwin Big Bad Bizarre Dinosaurs.

2006 The Significance Of *Suuwassea emilieae* (Dinosauria: Sauropoda) For Flagellicaudatan Intra-relationships and Evolution, Journal of Systematic Paleontology June 1, 4 (2):185-198

2001 Smith, J.B., M. C. Lamanna, K. J. Lacovara, P. Dodson, J. R. Smith, **J. C. Poole**, R. Giegengack, and Y. Attia, 2001, A Giant Sauropod Dinosaur from an Upper Cretaceous Mangrove Deposit in Egypt, Science, Jun 1 2001: 1704-1706.

1999 National Geographic World, *Suuwassea* skeletal illustration for children's dinosaur article.

### **Field Experience:**

2010- present Co-leader Big Horn Basin Dinosaur Project Wyoming and Montana USA. (Upper Cretaceous: Maastrichtian), Head Preparator. Responsibilities include quarry mapping, coordinating multi-ton field jacket removal, general excavation, assisting in field data collection, and first aid. Specimens collected, include *ankylosaur*, *triceratops*, *nanotyrannus*, and *tyrannosaurus- rex* as well as micro fossils of dinosaurs, fish, reptiles and small mammals.

2014-present Morrison Formation, Montana, USA (Upper Jurassic: Tithonian), with the NJSM and ANS. Responsibilities included quarry mapping, field jacketing, and general excavation as well as quarry management and volunteer/ student education. Sauropod and theropod dinosaur specimens collected and repositied in ANS.

2011 South Dakota (Upper Cretaceous: Maastrichtian), Head Preparator. Responsibilities include quarry mapping, coordinating field jacket removal, general excavation, assisting in field data collection, and first aid. Specimens collected, include tyrannosaur material, *Triceratops* material and fossil from several micro sites.

2010-present Formations near Red Lodge Montana, USA. (Upper Cretaceous: Maastrichtian), Head Preparator and co field organizer. Responsibilities include quarry mapping, field jacketing, crew supervision and general excavation. Several genus of dinosaur, crocodilian and turtle specimens collected, and prepared at ANS.

2005- 2008 Argentina dinosaur project El Calafate Argentina (Upper Cretaceous: Maastrichtian), Head Preparator. Responsibilities include quarry mapping, coordinating multi-ton field jacket removal, general excavation, assisting in field data collection, and first aid. Specimens collected, including giant sauropod dinosaur.

2003- 2005 Formation, Red Lodge Montana, USA. (Upper Cretaceous: Maastrichtian), Head Preparator and co field organizer. Responsibilities include quarry mapping, field jacketing, crew supervision and general excavation. Several genus of dinosaur, crocodilian and turtle specimens collected, and prepared at ANS.

2000-2003 Bahariya Formation, Bahariya Oasis, Egypt (Upper Cretaceous: Cenomanian), Head Preparator with the Bahariya Dinosaur Project. Responsibilities include quarry mapping, coordinating multi-ton field jacket removal, general excavation, assisting in field data collection, and first aid. Specimens collected, including giant sauropod dinosaur *Paralititan*, now in the Egyptian Geological Museum and the Academy of Natural Sciences (ANS).

1999 Morrison Formation, Montana, USA (Upper Jurassic: Tithonian), with the University of Pennsylvania and ANS. Responsibilities included quarry mapping, field jacketing, and general excavation. Sauropod and theropod dinosaur specimens collected and repositied in ANS.

### **Museum Experience, Vertebrate Paleontology (Academy of Natural Sciences, 1993-present):**

#### **Fossil Preparation:**

- Immature tyrannosaur teeth, several fragmentary, Maastrichtian genus of dinosaur including *Hadrosaur*, *Ankylosaur* and *tyrannosaur*.
- Scapula, coracoid, ribs, and vertebrae of hadrosaurid dinosaur *Corythosaurus* for the Carnegie Museum of Natural History, Pittsburgh.
- Scutes and cervical vertebrae of ankylosaurid dinosaur *Euoplocephalus* in lignitic mudstone from Wyoming, repositied in the ANS.
- Caudal vertebrae, chevrons, and scutes of ankylosaurid in ironstone from Wyoming, repositied in the ANS.
- Cervical vertebrae of sauropod dinosaur *Apatosaurus* from Colorado, now in Curecanti, Colorado.
- Cervical, dorsal, and caudal vertebrae of sauropod *Diplodocus* for Brigham Young University, Provo, Utah.
- Skull and hyoids of marginocephalian dinosaur *Psittacosaurus* from Liaoning, China, now in the collection of the University of Pennsylvania.
- Multiple skeleton of Triceratops from Hell Creek fm. Jordan, Montana. GCM specimens
- Skeleton (including incomplete dentary and teeth, complete pectoral girdle and forelimb, partial pubis, femur, fibula, tibia, astragalus and calcaneum) of an unidentified allosaurid dinosaur from southern Montana. Specimen repositied in ANS.
- Skeleton (including cranium, right premaxilla, left maxilla, seven cervical vertebrae, dorsal vertebrae, ribs, caudal vertebrae, [including very distal caudals], scapula, coracoid, tibia, fibula, calcaneum, and several pedal elements) of an unknown diplodocoid sauropod from southern Montana. Specimen repositied in ANS.
- Fossil vertebrates from the Bahariya Oasis, Egypt, including the holotype of giant sauropod dinosaur *Paralititan stromeri* and other remains of sauropod and theropod dinosaurs, chelonians, crocodilians, snakes, and fish. The specimens are heavily gypsum-encrusted, and in some pieces, the gypsum is intrusive.
- Unnamed theropod teeth from Santa Cruz, Argentina
- *Dreadnoughtus* titanosaur skeletal elements from Santa Cruz, Argentina
- Fossil vertebrates and invertebrates from the Inversand mine of New Jersey.
- Paleozoic flora, fish, arthropods, etc.

### **Molding and Casting:**

- Humerus of sauropod dinosaur *Paralititan*
- Skull elements of coelacanth fish *Mawsonia*.
- Teeth manus of theropod dinosaur *Allosaurus*.
- Pedal ungual of diplodocoid sauropod *Suuwassea*.
- Teeth of unnamed theropod dinosaur from Argentina.
- Dentary of Triassic crocodylian.
- Skull sculpture of theropod dinosaur *Daspletosaurus*.
- Trilobites.
- Fossil plants.

### **Exhibits Display Construction (including specimen mounting):**

- Roughneck monitor lizard skeleton.
- Repair of various elements of fossil and cast mounts on display in ANS Dinosaur Hall.
- Panel mount of unguals of *Allosaurus* and Montana diplodocoid *suuwassea* sauropod.
- Assisted with plans for mounting and directed mounting of skeletons of marine reptiles (*Plioplatecarpus*, *Tylosaurus*, *Elasmosaurus*) and fish (*Xiphactinus*). On display ANSP.
- *Thoracosaurus* mount at Drexel University.
- Design consultant for the NJSM “Working Scientist” Fossil Preparation Laboratory at NJSM.

### **Museum Experience, General:**

#### **Teacher Naturalist:**

- Writing and implementing paleontology curricula for all ages including evolution based curricula. I have also written several public presentations for ANS auditorium shows on dinosaurs. Many of the programs utilize live animals as teaching aids. I have worked with alligators, snakes, lizards, a coyote, and various birds of prey.
- Working as a point person for special weekend programs.
- Instructing most education programs.
- Writing scripts for exhibits and special projects.
- Instructing interns.
- Teacher workshop developer and presenter
- Manage large core of museum volunteers.
- Managed “Safari Overnight” program. This program brought in \$70,000 net per year for the museum

#### **Volunteer Manager:**

- Coordinating with museum space managers in matters pertaining to training and follow up.
- Working with volunteer coordinator on recruitment of volunteers.

- Planning bi-yearly volunteer trips.
- Creating new volunteer opportunities at the Academy (Acting Core and LAC Explainers).
- Oversight of budget.
- Observation of volunteers in their spaces and offering feedback to space managers.
- Acting as a preceptor for school or special program assignments that volunteers are required by their school or program to complete. (Many of the young volunteers come to us through programs that help them earn school credit. Most of them have a final project that must be managed.)
- Running meetings with museum space managers to discuss volunteer issues.

#### **Natural Acts Manager (Museum Acting Core):**

- Creating new shows to coincide with new exhibits.
- Working with the core to learn shows.
- Coordinating show times and actor schedules.
- Creating budget.
- Coordinating with volunteer coordinator to attract new actors to the volunteer core.
- Creation or purchase of props/costumes for new shows.
- Oversight of Natural Acts storage/office.

#### **Dinosaur Hall Coordinator:**

- Oversight of physical exhibits of Dinosaur Hall (aid in design, construction and upkeep of mounts and other exhibit components of Dinosaur Hall and Inland Sea).
- Working to create Dinosaur based special programming projects (new auditorium shows, etc.).
- Preparing 3 volunteer training seminars/year (4 days each).
- Working with volunteers on the floor, in the Big Dig and in the Paleo Lab.
- Evaluation of training.
- Evaluation of volunteers who are working in the space.
- Creation of dinosaur training seminar for Teacher Naturalists (TNs).
- Evaluation of dinosaur training for TNs.
- Evaluation of TNs teaching dinosaur classes.
- Writing new classes.
- Updating old classes.
- Maintenance of dinosaur teaching collections.
- Working with web manager to expand on Dinosaur Hall related web material.
- Giving tours to donors and members.
- Working with interns.

**Related work experience has included:**

- Coordination with Collections Manager and Curator on loans and accessions.
- Supervision and instruction of part-time and volunteer preparators.
- Maintenance of laboratory facilities.
- Interaction with public for explanation of laboratory techniques and paleontological principles.
- Certification in CPR and Emergency Rescue.
- Design consultant for the ANS Dinosaur Hall Fossil Preparation Laboratory.
- Design consultant for the NJSM “Working Scientist” Fossil Preparation Laboratory
- Identification of specimens brought to the museum.
- Coordination of new educational opportunities (shows, web components and exhibits), based on work done in Egypt, Montana, Argentina, and Wyoming.
- Consultant for The A&E television special The Lost Dinosaurs Of Egypt.
- Visual consultant for The National Geographic television specials, “Death Trap”, “Dinosaur Autopsy”. To be released in December of 2007.
- Visual consultant for The Discovery Channel Dinosaur television special “Monsters Revealed”.

**Personal Paleontological Experience:**

I have collected fossils and led fossil collecting trips for Academy of Natural Sciences members in the Pennsylvania, New Jersey, and New York area since 1992.

**Professional presentation history**

2016-Dinosaurs and Their World, Drexel University 20 classes per year.

2016- Opening a field jacket presentation for Wagner Free Institute of Philadelphia.

2016- Giant Dinosaurs on Three Continents, Fiel Station Dinosaurs Dinosaur Park NJ., talk

2016-Bighorn Basin Dinosaur Project “Updates from the field” Academy of Natural Sciences auditorium presentation.

2016-Bighorn Basin Dinosaur Project “Updates from the field” Delaware Valley Paleontological Society monthly meeting presenter.

2015-Bighorn Basin Dinosaur Project “Suuwassee”, Delaware Valley Paleontological Society monthly meeting presenter.

2012-Sculpting a Giant Dinosaur from Argentina, Delaware Valley Paleontological Society monthly meeting presenter.

2016- Science on Tap at National Mechanics bar and restaurant, Three Jasons on Paleontology Talk

2015-Science on Tap at National Mechanics bar and restaurant, Unearthing Giant Dinosaurs on three continents. Talk

2015-Science on Tap at National Mechanics bar and restaurant, Dreadnoughtus, Talk

2013- Hadrosaurs a dinosaur art history DMNH

2015- Geek night Digging Dinosaurs in the American West. Talk