

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

PERSONAL DETAILS

Address: Bureau of Invasive Species and Ecosystem Health
625 Broadway,
Albany, NY, 12233-4253 USA.

E-mail: steven.pearson@dec.ny.gov

Phone: W: (518)-408-0429

Website: www.stevenhpearson.com

EDUCATION

- 2013 **Ph.D. in Environmental Science**
Drexel University, Department of Biodiversity, Earth and
Environmental Science, Philadelphia, PA
- 2003 **B.S. in Environmental Studies / Minor: Mathematics**
The Richard Stockton College of New Jersey,
Pomona, NJ

PUBLICATIONS

Weber DJ, Tessler M, & **Pearson SH**, 2023. Environmental DNA detection range for *Hydrilla verticillata*, a prolific invasive plant. *Freshwater Science* 42 (4):337- 346.

Moore J, O'Neill M, Lutz C, & **Pearson SH**, 2023. Water chestnut biomass estimates using density as a proxy: Facilitating multiyear comparisons with a streamlined approach. *Journal of Aquatic Plant Management* 61: 15-21.

Donini, J, Selman W, **Pearson, S**, Valverde, Roldan. 2021. Trends in Ovarian Development, Plasma Vitellogenin, and Steroid Hormones in female *Malaclemys terrapin* from Coastal Louisiana. *Journal of Amphibian and Reptile Conservation*

Pearson, SH. 2020. Hunting hydrilla in the Delaware River. *Nor'Easter* 19(1):9-10.

Selman W, **Pearson SH**, Wiebe JJ. 2019. Comparisons of Population Structure and Morphology of a Saltmarsh Keystone Species (*Malaclemys terrapin*) Across Coastal Louisiana. *Estuaries and Coasts*. doi.org/10.1007/s12237-019-00548-8

Pearson SH and Wiebe JJ. 2018. Distribution, Sex Ratios and Size Distribution of Diamondback Terrapins (*Malaclemys terrapin*) in the Deltaic Plain of Louisiana. *Herpetologica* 74(2):135-140.

Reinke B, **Pearson SH**, Selman, W. 2018 Plastron Pigmentation Variation in a Coastal Turtle Species of Conservation Concern (*Malaclemys terrapin*). *Herpetologica* 74(2):141-145.

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

Pearson SH and Wiebe JJ. 2018. Considering diamondback terrapin (*Malaclemys terrapin*) nesting habitat and reproductive productivity in the restoration of Gulf of Mexico coastal ecosystems. *Ocean and Coastal Management* 155, 8-14.

Petre C, Selman W, Kreiser B, **Pearson SH**, Wiebe J. Population Genetics of the Diamondback Terrapin, *Malaclemys terrapin*, in Louisiana. *Conservation Genetics* 16(5): doi: 10.1007/s10592-015-0735-z

Pearson SH, Avery HW, Spotila JR, 2015 Juvenile invasive red-eared slider turtles negatively impact the growth of native turtles: Implications for global freshwater turtle populations. *Biological Conservation* 186, 115-121.

Pearson SH, Avery HW, Kilham SS, Velinsky DJ, Spotila JR. 2013 Stable Isotopes of C and N Reveal Habitat Dependent Dietary Overlap between Native and Introduced Turtles *Pseudemys rubriventris* and *Trachemys scripta*. *PLoS ONE* 8(5): e62891. doi:10.1371/journal.pone.0062891

Pearson, SH, Research Links Turtle's Survival to Wetland Size. *Estuary News*, 22, 6.

RESEARCH AND WORK HISTORY

NY Dept. Environmental Conservation Albany, NY 02/2019-Present
Research Scientist I: Developing an environmental DNA (eDNA) lab that will enable the early detection of aquatic invasive species in NY waterways. Perform research on invasive species control, impacts and management across the state.

American InterContinental University Online/Remote 08/2018 – Present
Adjunct Faculty: Teach Environmental Science courses. Prepare course materials and online lessons. Provide and grade assignments, evaluations and exams. Communicate with students and faculty regularly to engage students in course material.

L.I.S.M.A. Brentwood, NY 04/2018 – 02/2019
Program Manager at the Long Island Invasive Species Management Area: Work with academic, governmental, non-governmental and private partners to determine management strategies for emerging and established invasive flora and fauna species. Perform research on invasive species impacts. Coordinate and lead early detection monitoring and rapid response efforts to limit the impacts of invasive species across the management region (5 counties). Oversee outreach and education programs that engage the public and bring awareness to issues surrounding invasive species.

LA Dept. of Wildlife and Fisheries Lafayette, LA 2013 – 06/2018
Biologist Supervisor: Work with land managers to coordinate wildlife inventories of anthropogenic impacted habitats. Work within state and federal policies and regulations to restore injured habitats. Conduct research on diamondback terrapin (*Malaclemys terrapin*) distribution, abundance and interactions with the crabbing industry. Coordinator of coastal region DWH non-cooperative work plans and author of end of study reports for these work plans. Develop oil spill response and assessment techniques to assess wildlife injury from oil

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

spills occurring throughout Louisiana within the coastal zone and inland habitats for ongoing and future oil spill injury assessments. Work with state and federal stakeholders (LOSCO, LDEQ, LDNR, CPRA, NOAA, and USFWS) and volunteers to complete projects.

Drexel University

Philadelphia, PA

2007 - 2013

Teaching Assistant and Guest Lecturer: Worked as a laboratory and recitation instructor teaching up to 120 students per term techniques and course material for courses ranging between freshman biology and vertebrate morphology, form and function. Prepared and provided lectures on course materials on a weekly basis. Provided lectures on specific topics in upper level environmental science courses.

Undergraduate Mentor: Mentored thirteen undergraduate students through project development, implementation, analysis and presentation. Mentored 12 additional undergraduate students in laboratory and data analysis skill development.

PhD. Candidate: Conducted research on the distribution and abundance of introduced slider turtles (*Trachemys scripta*) and four native species of freshwater turtles in wetlands throughout Pennsylvania, USA. Working with Dr. Harold Avery and Dr. Jim Spotila at Drexel University, I studied population/ community ecology of freshwater turtles with specific interest in ecological interactions for dietary and spatial resource use of the PA State-Threatened red-bellied turtles (*Pseudemys rubriventris*) and red-eared slider turtles.

The Leatherback Trust

Playa Grande, Costa Rica

01/2007-03/2007

Research Assistant: Assisted in beach surveys of nesting Leatherback, Green and Olive Ridley turtles. Collected morphological data as well as nest characteristics on nesting females.

Silver Lake Nature Center

Bristol, PA

04/2006-01/2007

Project Manager: I initiated a multi-year study of the Pennsylvania State Threatened red-bellied turtle (*Pseudemys rubriventris*). I developed research protocols, organized trapping methodologies, and nest searching activities, as well as managed and shared all research data with collaborators at Drexel University. This project uses mark-recapture methods to determine population size and dynamics of freshwater turtle populations. I also used radio telemetry to determine home range and nest locations of red-bellied turtles.

University of California, Davis

Channel Islands National Park

12/2005-03/2006

Field Assistant: Assisted a PhD candidate in the collection and input of data regarding the habitat type, locations of home ranges and activity of the endangered Island Fox. Utilize telemetry receivers to collect data on fox location and activity with both day and night triangulations. Input daily data and use the L.O.A.S. (Location of a Signal) software to determine fox location. Use GPS unit to collect UTM locations and to locate specific waypoints.

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

JCC of the Delaware Valley **Ewing, NJ** **03/2003-09/2005**

Swim Club Director- Oversaw the entire pool operation for three summer seasons. Managed a staff of 15 and organized summer swim lessons for ages 4 through 14. Supervised staff and pool operation to insure a safe operation of three large pools. Participated in morning swim lessons as an instructor utilizing teaching techniques taught to W.S.I. instructors

The Peregrine Fund - Panama **Soberania N.P, Panama** **10/2004-02/2005,**
03/2007-04/2007

Harpy Eagle Hack Site Volunteer: A four-month position and a 2 month return trip tracking and assessing the health of recently released, captive bred and rehabilitated wild Harpy Eagles (*Harpia harpyja*) to their native environment. Located free ranging eagles using radio telemetry, map/GPS and compass over difficult tropical jungle terrain. Assessed the health and hunting status of released eagles. Remote locations reached via Hiking, 4-wheel drive and All-Terrain vehicles.

Environmental Careers Organization **El Centro, CA** **2/2004-4/2004**

Biological Monitor: Completed an eight week, full time internship at the El Centro Field Office of the Bureau of Land Management: Conducted vegetation surveys of endangered plant species (*Astragalus magdalena* var. *Peirsonii*). Monitored location and abundance of plant species using iPAQ computers equipped with GPS units. Completed monitoring by hiking transects through sand dunes in tough steep terrain.

Armbruster Environmental **Pomona, NJ** **9/2002-5/2003**

Intern: Completed a nine month internship with Armbruster Environmental. I assessed soil and vegetation type to assist in wetland delineations. Completed field sampling and wetland delineations without assistance.

ORAL PRESENTATIONS

Steven H Pearson. The threat of northern snakehead to New York waterbodies. NY Chapter of the American Fisheries Society Annual Meeting, Feb. 9, 2023, Stonybrook, NY.

Steven Pearson, Jacob Moore, Mitchell O'Neill, Coleen Lutz. Water chestnut biomass estimates using density as a proxy: Facilitating multi-year comparisons with a streamlined approach. Northeast Aquatic Plant Management Society 23rd Annual Meeting, Jan 11-12, 2023, Hyannis MA.

Steven Pearson. Environmental DNA use in driving management decision within New York state, The Upper Mid-West Invasive Species Conference, Oct. 25, 2022, Green Bay, WI.

Steven Pearson. Early detection of aquatic invasive species in New York State, The Northeast Natural History Conference, April 24, 2022, Albany, NY.

Steven H Pearson. A persistent seed: The case for long term monitoring after perceived eradication of water chestnut (*Trapa natans*) populations. Northeast Aquatic Plant Management Society 22nd Annual Meeting, Jan. 14, 2021, Virtual Meeting.

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

Steven H Pearson. The threat of northern snakehead to New York waterbodies. NY Chapter of the American Fisheries Society Annual Meeting, Feb. 2, 2020, Lake Placid, NY.

Steven H Pearson. New York's Invasive Species Program. Mid-Atlantic Panel on Aquatic Invasive Species Spring Meeting, April 10, 2019, Annapolis, MD

Luke Gervase, Heidi O'Riordan and **Steven H Pearson.** Hand Pulling Water Chestnut (*Trapa natans*) on Long Island: Successes and Failures. Northeast Aquatic Plant Management Society 20th Anniversary Meeting, Jan. 9, 2019, Albany, NY.

Steven H. Pearson. Resource overlap and potential competition between red-eared slider and native red-bellied turtles. Mid-Atlantic Panel on Aquatic Invasive Species Fall Meeting, Nov. 14, 2018, Harrisburg, PA.

Steven H Pearson, Jennell Black and Harold Avery. Mitigation for Maintaining Freshwater Turtle Population in Urban Wetlands. International Tortoise and Freshwater Turtle Mini-symposium, April 16, 2017, Las Vegas, NV.

Steven H Pearson & Jon J Wiebe. Evaluation of Diamondback Terrapin (*Malaclemys terrapin*) Nesting Ecology throughout Coastal Louisiana. 7th Symposium on the Ecology, Status and Conservation of the Diamondback Terrapin, October 30, 2016, Fairhope AL.

Steven H Pearson & Jon J Wiebe. Collaboration during oil spill response, assessment and restoration. LDWF Research, Management and Wildlife Education Symposium. May 31, 2016, Baton Rouge, LA.

Steven H Pearson, Charlie Wahl, James Ialeggio & Jon J. Wiebe. Evaluation of diamondback terrapin (*Malaclemys terrapin*) nesting ecology throughout coastal Louisiana. Annual meeting of Louisiana Professional Biologist. August 20, 2015, Baton Rouge LA.

Steven H. Pearson, Jon Wiebe. A Bycatch Assessment from Derelict Crab Traps in Terrebonne Bay, Louisiana. The Gulf Coast Diamondback Terrapin Working Group Meeting. February 26, 2015, Lafayette LA.

Steven H. Pearson, Will Selman, Jon Wiebe, Evaluation of diamondback terrapin (*Malaclemys terrapin*) abundance, distribution and reproductions throughout coastal Louisiana LDWF Research, Management and Education Symposium, May 27, 2014, Baton Rouge LA.

Steven H. Pearson, Harold W. Avery and James R. Spotila. Competition between red-bellied turtles (*Pseudemys rubriventris*) and invasive red-eared slider turtle (*Trachemys scripta elegans*). Mid-Atlantic Ecological Society of America Annual Meeting, April 13, 2013, Dover, DE, USA.
Steven H. Pearson & Harold W. Avery. Competition between IUCN, near-threatened, red-bellied turtles (*Pseudemys rubriventris*) and invasive red-eared slider turtle (*Trachemys scripta elegans*). 7th World Congress of Herpetology, August 10, 2012, Vancouver, BC, Canada.

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

Steven H. Pearson, David Velinsky & Harold W. Avery. Resource overlap and potential competition between invasive red-eared slider turtles and native red-bellied turtles. Ecological Society of America 97th annual meeting, August 5, 2012, Portland, WA, USA.

Steven H. Pearson & Harold W. Avery. Resource Overlap and Potential Competition Between Invasive Red-eared Slider Turtles and Native Red-bellied Turtles in Pennsylvania, USA. Annual Meeting of Integrative Zoology, December 4–6, 2010, Kunming, China.

Steven H. Pearson. Dietary Resource Use of Red-bellied Turtles (*Pseudemys rubriventris*) and Red-eared Slider Turtles (*Trachemys scripta elegans*) in South-eastern Pennsylvania Wetlands. Department of Biology Graduate Student Seminar, November 8, 2010, Philadelphia, PA, USA.

Steven H. Pearson. Resource Overlap and the Potential for Competition Between the Non-native Red-eared Slider Turtle (*Trachemys scripta elegans*) and the Native Red-bellied Turtle (*Pseudemys rubriventris*). Department of Biology Graduate Student Seminar, November 8, 2010, Philadelphia, PA, USA.

Steven H. Pearson & Harold W. Avery. Resource Overlap and Potential Competition Between Invasive Red-eared Slider Turtles and Native Red-bellied Turtles in Pennsylvania, USA. 23rd Annual Meeting of the Society for Conservation Biology (SCB), 11-16 July 2009, Beijing, China.

Steven H. Pearson, Marta Curti & Jose Vargas. Re-establishment of Harpy Eagle Populations in Central America Through Captive Breeding, Re-introduction and Community Education. 3rd International Symposium of Integrative Zoology (ISIZ), 8-10 July 2009, Beijing, China.

Steven H. Pearson & Harold W. Avery. Resource Overlap and Potential Competition Between Invasive red-eared Slider Turtles and Threatened Native red-bellied Turtles in the Upper Delaware Estuary. Delaware Estuary Science & Environmental Summit, January 12 - 14, 2009 Cape May, NJ, USA.

Steven H. Pearson. Resource Overlap and Potential Competition Between a Native and Non-native Turtle Species. Department of Biology Graduate Student Seminar, November 16, 2008, Philadelphia, PA, USA.

TEACHING EXPERIENCE

2018-Present Adjunct Faculty: Environmental Science 210, Environmental Science 110
2009-2013 Teaching Assistant: Bio122 - Cells and Genetics (Recitation), Bio224/225 –
Vertebrate Form, Function and Evolution (Lab and Recitation), Cells and
Tissues (Lab), Bio254 - Invertebrate Morphology and Physiology (Lab),
Bio123 – Organismal Diversity and Ecology (Lab)
2010-2013 Guest Lecturer: Community Ecology – Drexel University
2009 Telemetry Training – Silver Lake Nature Center

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

FELLOWSHIPS, GRANTS AND ELECTED POSITIONS

- 2023 – 2024 Chair – Mid-Atlantic Panel on Aquatic Invasive Species
2021 – 2023 Vice-Chair – Mid-Atlantic Panel on Aquatic Invasive Species
2013 – 2016 Principal Investigator on State Wildlife Grant – Nesting Ecology of Diamondback Terrapins (*Malaclemys terrapin*) in coastal Louisiana (\$150,000)
2014 Principal Investigator of LA Dept. of Wildlife and Fisheries Marine Stewardship sub-grant to determine bycatch impacts by derelict crab traps (\$75,000)
2013 – 2015 Principal Co-Investigator of LA Dept. of Wildlife and Fisheries grant to determine abundance and distribution of diamondback terrapin in Coastal LA (\$300,000)
2008- 2009 DuPont Clear into the Future Graduate Student Fellowship – DuPont Clear into the Future, Wilmington, DE. (\$25,000)
2007-2008 DuPont Clear into the Future Graduate Student Fellowship – DuPont Clear Into the Future, Wilmington, DE. (\$25,000)

INVITED SEMINARS

Steven H Pearson. Evaluation of Diamondback Terrapin (*Malaclemys terrapin*) Nesting Ecology throughout Coastal Louisiana. 68th Annual Meeting of the Gulf States Marine Fisheries Commission Special Session and Diamondback Terrapins and Gulf Coast Crab Fishery, October 18, 2017, Mobile, AL

Steven H. Pearson. Diamondback Terrapin (*Malaclemys terrapin*) Abundance, Distribution and Reproductive Ecology Across the Louisiana Coastline. Southeastern University Biology Seminar. March 19, 2015, Hammond, LA, USA

Steven H. Pearson. An Introduction to Herpetology. Silver Lake Nature Center, Bristol PA. Pennsylvania Master Naturalist Training. November 13, 2012, Bristol, PA, USA.

Steven H. Pearson. Resource Overlap and Potential Competition Between Invasive Red-eared Slider Turtles and Native Red-bellied Turtles in Pennsylvania, USA. Hainan Normal University, Haitoa Shi's Research Group, December 2, 2010, Haikou, China.

Steven H. Pearson. An Overview of Freshwater Turtles at the Silver Lake Nature Center. Silver Lake Nature Center, 8/14/2010, Bristol, PA, USA.

MENTORSHIP

- 2019-2023 University of Albany Graduate Students (Students: Daniel Weber, Jack Andrews, Daniel Woltmann)
2007-2013 Undergraduate mentor in independent research (Students: Raj Putatunda, Allison Byrne, Elliot Chiu, Nicole Throne, Stefan Brooks, Kristian Ingraham, and Johnathan. Guest, Abigail Harris, Sabrina Douglas, William Wilhelm, Elizabeth Kwong, Shayna Erickson, Gianna Spigonardo)

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

HONORS AND AWARDS

- 2011 Natural Sciences Best Graduate Poster Award, 2nd Place, 11th Annual Drexel University, College of Arts and Science Research Day, April 5, 2011, Philadelphia PA.
- 2011 Best Student Poster Award, 1st Place. 2011 Delaware Estuary Science & Environmental Summit, Jan. 30 – Feb. 2, 2011, Cape May NJ.

POSTER PRESENTATIONS * indicates this author was an undergraduate researcher

Daniel Weber and **Steven Pearson**. Detection range of *Hydrilla verticillata* (Hydrilla) eDNA in a lotic system. Northeast Aquatic Plant Management Society 22nd Annual Meeting, Jan. 14, 2021, Virtual Meeting

Steven H. Pearson, Charles Wahl, James Ialeggio & Jon J. Wiebe. Evaluation of Diamondback Terrapins (*Malaclemys terrapin*) Nesting Ecology throughout Coastal Louisiana. Louisiana Professional Biologist Annual Meeting, Aug. 21, 2015

Gianna Spigonardo*, Zawadul Hasque*, **Steven H. Pearson**. Changes in Seasonal and Annual Vegetation Indicate Sedimentation Changes. 13th Annual Drexel University, College of Arts and Sciences Research Day, April 9, 2013 Philadelphia, PA. USA.

Johnathan D. Guest*, **Steven H. Pearson**, Harold W. Avery & James R. Spotila. Bigger claws are better: Interspecific and intraspecific competition for limited resources in two turtle species. 13th Annual Drexel University, College of Arts and Sciences Research Day, April 9, 2013 Philadelphia, PA. USA.

Steven H. Pearson & Harold W. Avery. Competition between IUCN, near-threatened, red-bellied turtles (*Pseudemys rubriventris*) and invasive red-eared slider turtle (*Trachemys scripta elegans*). International Freshwater Turtle, Tortoise, Terrapin and Sea turtle Symposium. Feb. 2-9, 2013. Baltimore, MD, USA.

Steven H. Pearson & Harold W. Avery. Competition between IUCN, near-threatened, red-bellied turtles (*Pseudemys rubriventris*) and invasive red-eared slider turtle (*Trachemys scripta elegans*). Delaware Estuary Science & Environmental Summit, Jan. 29, 2013, Cape May, NJ. USA.

Steven H. Pearson & Harold W. Avery. Competition between IUCN, near-threatened, red-bellied turtles (*Pseudemys rubriventris*) and invasive red-eared slider turtle (*Trachemys scripta elegans*). Academy of Natural Sciences of Philadelphia Bicentennial Symposium. October 12, 2012. Philadelphia, PA, USA.

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

Johnathan D. Guest*, Harold W. Avery & **Steven H. Pearson**. Effects of claw length and proportion to body size on interspecific and intraspecific competition for limited resources in *Trachemys scripta elegans* and *Pseudemys rubriventris*. Drexel University Annual Research Day, April 19, 2012. Philadelphia, PA. USA.

Abigail Harris*, Elizabeth Kwong* and William Wilhelm*, **Steven Pearson**, Harold Avery. Temperature effects on turtle ingestion rates in South-eastern Pennsylvania. Drexel University Annual Research Day, April 19, 2012. Philadelphia, PA. USA.

Kristian T. Ingraham*, Sabrina R. Douglas*, **Steven H. Pearson**, Harold W. Avery. Diet and Growth of *Pseudemys rubriventris* and *Trachemys scripta elegans* in Southeastern Pennsylvania Wetlands. Drexel University Annual Research Day, April 19, 2012. Philadelphia, PA. USA.

Steven H. Pearson & Harold W. Avery. Competition between IUCN, near-threatened, red-bellied turtles (*Pseudemys rubriventris*) and invasive red-eared slider turtle (*Trachemys scripta elegans*). Drexel University Annual Research Day, April 19, 2012. Philadelphia, PA. USA.

Steven H. Pearson & Harold W. Avery. Competition between IUCN, near-threatened, red-bellied turtles (*Pseudemys rubriventris*) and invasive red-eared slider turtle (*Trachemys scripta elegans*). Mid-Atlantic Ecological Society of America Annual Meeting. April 7, 2012. Blacksburg VA. USA

Johnathan D. Guest*, Harold W. Avery & **Steven H. Pearson**. Effects of claw length and proportion to body size on interspecific and intraspecific competition for limited resources in *Trachemys scripta elegans* and *Pseudemys rubriventris* 12th Annual Drexel University, College of Arts and Sciences Research Day, April 3, 2012 Philadelphia, PA. USA.

Abigail Harris*, Elizabeth Kwong* and William Wilhelm*, **Steven Pearson**, Harold Avery. Temperature effects on turtle ingestion rates in South-eastern Pennsylvania. 12th Annual Drexel University, College of Arts and Sciences Research Day, April 3, 2012 Philadelphia, PA. USA.

Kristian T. Ingraham, Sabrina R. Douglas, **Steven H. Pearson**, Harold W. Avery. Diet and Growth of *Pseudemys rubriventris* and *Trachemys scripta elegans* in Southeastern Pennsylvania Wetlands 12th Annual Drexel University, College of Arts and Sciences Research Day, April 3, 2012 Philadelphia, PA. USA.

Steven H. Pearson & Harold W. Avery. Competition between IUCN, near-threatened, red-bellied turtles (*Pseudemys rubriventris*) and invasive red-eared slider turtle (*Trachemys scripta elegans*). 12th Annual Drexel University, College of Arts and Sciences Research Day, April 3, 2012 Philadelphia, PA. USA.

Johnathan D. Guest*, Harold W. Avery & **Steven H. Pearson**. Effects of foreclaw length and body size on intra-specific and inter-specific competition in red-eared slider turtles and red-bellied turtles. Drexel University Annual STAR Scholar Research Day, August 25, 2011, Philadelphia, PA. USA.

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

Steven H. Pearson & Harold W. Avery. Competition between Pennsylvania's state-threatened red-bellied turtle (*Pseudemys rubriventris*) and invasive red-eared slider turtles (*Trachemys scripta elegans*). Drexel University Annual Research Day, April 8, 2011, Philadelphia, PA. USA.

Steven H. Pearson & Harold W. Avery. Competition between Pennsylvania's state-threatened red-bellied turtle (*Pseudemys rubriventris*) and invasive red-eared slider turtles (*Trachemys scripta elegans*). 11th Annual, College of Arts and Sciences Research Day, April 5, 2011, Drexel University, Philadelphia, PA. USA.

Kristian Ingraham*, **Steven H. Pearson** & Harold W. Avery. Diet and Feeding Habits of the Freshwater Turtles (*Pseudemys rubriventris* and *Trachemys scripta elegans*) Inhabiting South-eastern Pennsylvania Wetlands. 11th Annual Drexel University, College of Arts and Sciences Research Day, April 5, 2011 Philadelphia, PA. USA.

Stefan H. Brooks*, **Steven H. Pearson** & Harold W. Avery. A comparison of seasonal abundance and distribution of vegetation in wetlands of south-eastern Pennsylvania. 11th Annual Drexel University, College of Arts and Sciences Research Day, April 5, 2011, Philadelphia, PA. USA.

Steven H. Pearson & Harold W. Avery. Resource Overlap and Potential Competition Between Invasive Red-eared Slider Turtles and Native Red-bellied Turtles in Pennsylvania. Delaware Estuary Science & Environmental Summit, Jan. 30 – Feb. 2, 2011, Cape May, NJ. USA.

Nicole Throne*, **Steven H. Pearson** & Harold W. Avery. Growth rates of *P. rubriventris* and *T. scripta* in two different wetlands in southeast Pennsylvania. STAR Scholar Research Day, August 25, 2010, Philadelphia, PA.

Steven H. Pearson & Harold W. Avery. Resource Overlap and Potential Competition Between Invasive Red-eared Slider Turtles and Native Red-bellied Turtles in Pennsylvania. Ecological Society of America Annual Meeting, August 1-6, 2010, Pittsburgh, PA, USA.

Steven H. Pearson & Harold W. Avery. Resource Overlap and Potential Competition Between Invasive Red-eared Slider Turtles and Native Red-bellied Turtles in Pennsylvania. Drexel University 12th Annual Research Day, 4/15/2010, Philadelphia, PA, USA.

Steven H. Pearson & Harold W. Avery. Resource Overlap and Potential Competition Between Invasive Red-eared Slider Turtles and Native Red-bellied Turtles in Pennsylvania. Drexel University College of Arts and Sciences Annual Research Day, 4/6/2010, Philadelphia, PA, USA.

Alison Q. Byrne*, **Steven H. Pearson**, Julia Stone & Harold W. Avery. Vegetation Survey of Southeastern Pennsylvania Wetlands to Assess Habitat Quality. STAR Scholar Research Day, August 19, 2009, Philadelphia, PA.

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

Elliot Chiu*, **Steven H. Pearson**, Julia Stone & Harold W. Avery. Comparative Water Quality Studies Using Macroinvertebrates as an Index of Biological Integrity. STAR Scholar Research Day, August 19, 2009, Philadelphia, PA.

Raj Putatunda*, **Steven H. Pearson** & Harold W. Avery. Community Composition of Freshwater Turtles in Three Bodies of Water at Silver Lake Nature Center. STAR Scholar Research Day, August 19, 2009, Philadelphia, PA.

Steven H. Pearson & Harold W. Avery. Community Composition and Resource Overlap of Introduced Red-eared Slider Turtles and Native Red-bellied Turtles. DuPont-Clear into the Future Student Research Day, May 29, 2008 Wilmington, DE, USA.

Steven H. Pearson, Robert Mercer, James R. Spotila and Walter F. Bien & Harold W. Avery. The turtle communities and red-bellied turtle (*Pseudemys rubriventris*) spatial ecology at the Silver Lake Nature Center, Bristol PA. Drexel University Research Day, April 23, 2008, Philadelphia, PA, USA.

Steven H. Pearson, H. W. Avery, R. Mercer, J. R. Spotila and W. F. Bien & Harold W. Avery. The turtle communities and red-bellied turtle (*Pseudemys rubriventris*) spatial ecology at the Silver Lake Nature Center, Bristol PA. Drexel University College of Arts and Sciences Annual Research Day, April 6, 2008, Philadelphia, PA, USA.

TRAVEL AWARDS

- 2013 Travel Grant for Delaware Estuary Science and Environmental Summit, Cape May, NJ. (Dept. of Biodiversity, Earth and Environmental Science)
- 2012 International Travel Award to attend the World Congress of Herpetology Vancouver, Canada - Drexel University, Office of International Programs
- 2012 Travel grant for Ecological Society of America 97th annual meeting, Portland, Or, USA – Drexel University (Department of Biology)
- 2010 Travel grant for Delaware Estuary Science & Environmental Summit, Cape May, NJ, USA – Drexel University (Department of Biology)
- 2010 Travel grant for Ecological Society of America conference, Pittsburgh, Pa, USA – Drexel University, Department of Biology
- 2009 International Travel Award to attend Integrative Zoology and the Society for Conservation Biology Meetings, Beijing, China - Drexel University, Office of International Programs

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

CIVIC ENGAGEMENT

Webb St. Residents for Traffic Calming Lafayette, LA 2014 - 2018

Communicate with Lafayette city staff regarding the procedure for installing traffic calming devices within a residential neighbourhood, schedule public meetings, organize volunteers, lead effort to gather petition signatures, represent neighbourhood at City Council meeting.

Master Naturalist - Birding Committee Lafayette, LA 2016

Assisted in the development of the Lafayette, LA Master naturalist birding course.

Summer Winter Community Garden Philadelphia, PA 2008 - 2013

Executive Committee Member: Attend monthly meetings, organize work days for gardeners and other community member volunteers, and communicate garden news to a subset of gardeners.

2011 - 2013

City Harvest Volunteer: Assist in the Pennsylvania Horticultural Society sponsored program that aims to grow and donate produce a local low income people in Philadelphia.

2008 - 2011

Mosaic Liaison: Coordinated the completion and installation of a 36' long x 2' tall glass tile mosaic by purchasing materials, securing a work space at the Community Education Center, coordinating between artist and volunteers to build the mosaic and coordinate with mosaic artist Lynn Denton and volunteers for the final installation.

Philadelphia Spring Clean-up Philadelphia, PA April 2011

Spring Clean-up Group Leader: Worked with the city of Philadelphia to lead a group of volunteers to clean up 15 bags of trash and discarded materials from a newly formed park along the Delaware River in south Philadelphia.

Biology Graduate Student Association Philadelphia, PA 2010/2011

Social Chair: As a member of the Biology Graduate Student Association I organized monthly social events that enabled all graduate students to meet at a common place for friendly discussion. I also assisted with organizing educational and volunteer programming.

PROFESSIONAL MEMBERSHIP

Diamondback Terrapin Working Group (DTWG)

Herpetologists' League (HL)

Mid-Atlantic Panel on Aquatic Invasive Species (MAPAIS)

Northeast Aquatic Plant Management Society (NEAPMS)

Society for the Study of Amphibians and Reptiles (SSAR)

CURRICULUM VITAE

Steven H. Pearson, Ph.D.

Research Scientist I
NY Department of Environmental Conservation

Email: Steven.pearson@dec.ny.gov
Phone: 518-408-0429

MEETING PARTICIPATION

2023 Northeast Aquatic Lake Management Society Annual Meeting
2023 Mid-Atlantic Panel on Aquatic Invasive Species Fall Meeting
2023 Mid-Atlantic Panel on Aquatic Invasive Species Spring Meeting
2023 NY Chapter of the American Fisheries Society
2022 Upper Mid-West Invasive Species Conference
2022 Northeast Aquatic Lake Management Society Annual Meeting
2021 Northeast Aquatic Lake Management Society Annual Meeting
2020 Mid-Atlantic Panel on Aquatic Invasive Species Fall Meeting
2020 Mid-Atlantic Panel on Aquatic Invasive Species Spring Meeting
2020 NY Chapter of the American Fisheries Society
2020 Northeast Aquatic Lake Management Society Annual Meeting
2019 Mid-Atlantic Lake Forum
2019 Mid-Atlantic Panel on Aquatic Invasive Species Spring Meeting
2019 Northeast Aquatic Plant Management Society Annual Meeting
2018 Connecticut Invasive Species Working Group Symposium
2018 International Snakehead Symposium
2018 Mid-Atlantic Panel on Aquatic Invasive Species Fall Meeting
2017 68th Annual Meeting of the Gulf States Marine Fisheries Commission
2017 Louisiana Professional Biologist Annual Meeting
2017 International Tortoise and Freshwater Turtle Mini-Symposium
2017 Science of Oil Spills
2016 7th Symposium on the Ecology, Status and Conservation of the Diamondback Terrapin
2015 Louisiana Professional Biologist Annual Meeting
2015 Gulf Coast Diamondback Terrapin Working Group
2014 LA Dept. of Wildlife and Fisheries Research, Management and Education Symposium
2014 Annual Meeting of the Louisiana Association of Professional Biologist
2013 Diamondback Terrapin Working Group
2013 International Freshwater, Tortoise, Terrapin and Sea turtle Symposium
2013 Delaware Estuary Science and Environmental Summit
2012 Academy of Natural Sciences of Philadelphia Bicentennial Symposium
2012 The World Congress of Herpetology (WCH 7th Meeting)
2012 Ecological Society of America Meeting (ESA, 97th Annual Meeting)
2011 Delaware Estuary Science and Environmental Summit
2010 Annual Meeting of Integrative Zoology
2010 Ecological Society of America Meeting (ESA, 95th Annual Meeting)
2009 Society for Conservation Biology (SCB, 23rd Annual Meeting)
2009 International Symposium of Integrative Zoology (ISIZ, 3rd Int. Symp.)
2009 Delaware Estuary Science and Environmental Summit