

Curriculum Vitae
THEODORA PINOU
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 Department of Biological and Environmental Sciences
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1. Professional Preparation

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|-------------------------------------|-------------------------------|-------------|
| New York University | Biology | BA, 1986 |
| New York University | Biology | MS, 1988 |
| New York University | Biology | PhD, 1993 |
| Yale University | Pharmacology | 1994 – 1995 |
| Yale University | Ecology& Evolutionary Biology | 1995 - 2000 |
| CT Department of Higher Education | | |
| Alternative Route to Certification, | Biology, (ED125) | 2004 |

2. Appointments

- Biology Department Chairman & Full Professor, Western Connecticut State University, Department of Biological and Environmental Sciences, 8/2020 – present.
- MS in Integrative Biological Diversity Program Coordinator, Western Connecticut State University, Department of Biological and Environmental Sciences, 6/2019 – present.
- H. G. Dowling Herpetological Collection Faculty Curator, Western Connecticut State University, Department of Biological and Environmental Sciences, 6/2015 – present.
- Full Professor, Western Connecticut State University, Department of Biological and Environmental Sciences, 8/14 – present.
- Associate Professor, Western Connecticut State University, Department of Biological and Environmental Sciences, 8/09 –8/14.
- Assistant Professor, Western Connecticut State University, Department of Biological and Environmental Sciences, 8/04 – 8/09.

3. Publications/Patents (# Student Co-Authors, ## Teacher Co-Authors)

- Hoefler S., Robinson N.J., Mills S., **Pinou T.** 2021. What the dead tell us about the living: using roadkill to analyze diet and endoparasite prevalence in two Bahamian snakes. *Copeia*. COPEIA-D-20-00141R2 (accepted)
- Hoefler S., Robinson N.J., **Pinou T.** 2021. Size matters Size matters: Sexual dimorphism in the pelvic spurs of the Bahamas Boa (*Chilabothrus strigilatus strigilatus*). *Herpetology Notes* 14:201-203.
- Reynolds H., ##Pires J., ##Lalier N., ##Brewster J., **Pinou T.** 2021. Mud as a phenomenon to model energy flow and chemical processes. *Science Scope*. March/April: 40-45.
- Robinson N., #Deguzman K., Bonacci-Sullivan L., DiGiovanni R., **Pinou T.** 2020. Do rehabilitated sea turtles resume typical migratory behaviors? Satellite tracking juvenile loggerhead, green, and kemp’s ridley turtles in the northeastern USA. *Endangered Species Research* 43: 133-143, DOI.org/10.3354/esr01065.
- Monette M., ##Pires J., ##Lalier N., ##Brewster J., **Pinou T.** 2020. Migrating beyond the classroom:

- Enriching STEM education with family-based, self-directed learning. *Science and Children*. 2020-Jan-S&C-F-2040.R1. (Accepted)
- Robinson N.J., #Lazo-Wasem E., Butler B.O., Lazo-Wasem E.A., Zardus J.D., **Pinou, T.** 2019. Spatial distribution of epibionts on olive ridley sea turtles at Playa Ostional, Costa Rica. *PLoS ONE* 14(9): e0218838. <https://doi.org/10.1371/journal.pone.0218838>.
- Majewska, R., Bosak, S., Frankovich, T.A., Ashworth, M.P., Sullivan, M.J., Robinson, N.J., Lazo-Wasem, E. A., **Pinou, T.**, Nel, R., Van de Vijver, B. 2019. Six new epibiotic *Proschkinia* (Bacillariophyta) species and new insights into the genus phylogeny. *The European Journal of Phycology*, 54(4): 609-631. DOI: 10.1080/09670262.2019.1628307.
- Pinou, T.**, Domenech, F., Lazo-Wasem, E., Majewska, R., Pfaller, J. B., Zardus, Robinson, N. J. 2019. Standardizing Sea Turtle Epibiont Sampling: Outcomes of the Epibiont Workshop at the 37th International Sea Turtle Symposium. *Marine Turtle Newsletter* 157:22-32.
- Pinou, T.**, Prunier, R., #Bresson, M., Padilla, I. E., Perez, J.F.J., Trejo, A., DiGiovanni, R. A. and N.J. Robinson. 2018. Repeated sampling adds to the genetic diversity of *Lepidochelys olivacea* (Eschscholtz 1829) olive ridley sea turtle. *Journal of Natural History* 52: 2899- 2917, DOI:10.1080/00222933.2018.1557755.
- Majewska, R., Ashworth, M.P., Lazo-Wasem, E., Robinson, N.J., Rojas, L., Van de Vijver, B., **Pinou, T.** 2018. *Craspedostauros alatus* sp. nov., a new diatom species found on museum sea turtle specimens. *Diatom Research*, 33(2): 229-240, (DOI:10.1080/0269249X.2018.1491426).

4. Research Leadership

National Oceanic and Atmospheric Administration (NOAA)

- Finding Our Way: Building a College Ready STEM Pipeline for At-Risk High School Youth Through Watershed Stewardship. #NA19NMF0080088 Award Amount \$306,200.00. PI-Pinou, 8/2019 – 10/23.
- Finding Our Way: An Experiential Watershed Learning Program for Middle School Children and their families: #NA16NMF0080003 Award Amount \$300,178.00. PI- Pinou, 4/2016 – 12/2019.

Private and Corporate Sponsors

- Praxair-Linde- \$5,000.** To support Graduate Student Research Training Fellowship. PI- Pinou, 01/20
- Goldring Family Foundation, Award - \$10,000.00.** To support Terrapin Tracking program. Coordinator- Pinou, 05/19 -2020.
- Praxair Corporation- \$7,500.00.** To support STEM College Readiness programming in middle school children and their families. PI – Pinou, 11/2018

5. Leadership and Professionalism: Synergistic Activities

POSITIONS HELD

- Curatorial Affiliate in Vertebrate Zoology, Yale University, Peabody Museum of Natural History, 12/04 – Present. (nominated and elected by museum curators).
- Connecticut Science Center Fellow, Connecticut Science Center, Hartford CT, 8/08 – 2012.
- Elected President, Sigma Xi WCSU Chapter, Danbury CT, 5/12 – 5/2018; 5/2020 - current.
- Elected Associate Director, Sigma Xi, Northeast Region, 9/17 – Current

SYMPOSIA WORKSHOPS ORGANIZED

- 2021 Sigma Xi Northeast Region Research Conference, WCSU, Danbury, CT, 17 April.
- 2020 Joint Meetings of Ichthyologists and Herpetologists (JMIH), Norfolk, Virginia. *Exemplary Practices in Herpetological Education*; July 20- 26. (Special Invitation).
- 2020 Northeast Natural History Conference, Stamford, CT. *Herpetology Ecology*; April 18-19. (Special Invitation).
- 2020 Science At Night, Danbury, CT. *What Do We Want From Our Lakes?* September 28th, October

26st, November 30th. <https://www.wcsu.edu/biology-msbiodiversity/upcoming-events/event-recordings/>
-2019 Science At Night, Danbury, CT. *What Do We Want From Our Lakes?* September 30th,
October 21st, November 25th.
-2020 Science At Night, Danbury, CT. *What Do We Want From Our Lakes?* September 28th,
October 26st, November 30th
- 2017 Annual Symposium on Sea Turtle Biology and Conservation, Las Vegas, NV. *Future Trends in Sea Turtle Epibiont Research*; April 15-20. (<http://internationalseaturtlesociety.org/workshops/>)

PODCASTS & MEDIA PRESENTATIONS

- Academic Minute - *Teaching the Environment*; October 27, 2020.
(<https://www.insidehighered.com/audio/2020/10/27/teaching-environment>).

6. Commitment to Diversity and Inclusiveness

I am the founder of the WCSU Biology Department STEM Outreach Program *Finding Our Way*: <https://www.wcsu.edu/stem/>. This program works closely with urban communities like Danbury Public Schools, and provides opportunities for STEM enrichment for students, teachers, and families.

7. Mentoring

My funded programs include professional development opportunities for teachers and students (Undergraduates and graduate students). I regularly take my students to professional meetings, and publish with teachers and students.

8. Major Awards, fellowships, Invited Lectures, Honors

- Excellence in Teaching Award*, The National Society of Leadership and Success (WCSU chapter), 5/2014.
- Norton Mezvinsky Trustees Research Awards (WCSU & System Level Award)*, 3/10
- Ernest A. Lynton Award for the Scholarship of Engagement for Early Career Faculty*, New England Resource Center for Higher Education, Nomination, 4/09.
- I4 Initiative*, Connecticut Science Center Fellow, 8/08

9. Major Career Contributions and Legacy

I would like to be remembered most for my work on sea turtle biology that showed the importance of long- term longitudinal studies and repeated sampling necessary to accurately capture population level genetic diversity, and changes to diversity under changing environmental pressures on wildlife populations. Basically, that unprecedented human population growth, and the pressure that it places on wildlife populations and natural resources is impacting the environment faster that we think.