Andrew G. Flynn

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EDUCATION

2020 Ph.D.| Baylor University | Department of Geosciences
Dissertation Title: *Early Paleocene Fossil Floras, Paleoclimate, and Magnetostratigraphy of the San Juan Basin, New Mexico, USA*
Advisor: Daniel Peppe

2011 B.S. | Miami University | Department of Geology

RESEARCH & PROFESSIONAL EXPERIENCE

2025 – Present Assistant Professor | Department of Geological Sciences | New Mexico State University

2024 - 2024 Peter Buck Postdoctoral Fellow | Department of Paleobiology | National Museum of Natural History | Mentor: Scott Wing

2020 - 2023 Postdoctoral Researcher | University of Houston | Department of Earth and Atmospheric Sciences | Mentor: Emily Beverly

PUBLICATIONS

Peer-Reviewed

[9] Lowe, A. J., **Flynn, A. G.,** Butrium, M. J., Baumgartner, A., Royer, D. L., Peppe, D. J., 2024. Reconstructing terrestrial paleoclimate and paleoecology with fossil leaves using Digital Leaf Physiognomy and leaf mass per area. *Journal of Visualized Experiments*. doi: 10.3791/66838

[8] Milligan, J. N., **Flynn, A. G.**, Kowalczyk, J. B., Barclay, Geng, J., Royer, D. L., Peppe, D. J., 2022. Moderate to Elevated Atmospheric CO2 During the Early Paleocene Recorded by *Platanites* Leaves of the San Juan Basin, New Mexico. *Paleoceanography and Paleoclimatology,* 37: e2021PA004408. doi: 10.1029/2021PA004408.

[7] Milligan, J. N., **Flynn, A. G.**, Wagner, J. D., Kouwenberg, L. L. R., Barclay, R. S., Byars, B. W., Dunn, R. E., White, J. D., Zechmann, B., Peppe, D. J., 2021. Quantifying the effects of shade on cuticle morphology and carbon isotopes of

Sycamore: past and present. *American Journal of Botany,* 108(12): 2435-2451. doi: 10.1002/ajb2.1772.

[6] **Flynn, A. G.**, Davis, A. J., Williamson, T. E., Heizler, M. T., Fenley, C. W. IV, Leslie, C. E., Secord, R., Brusatte, S. L., Peppe, D. J., 2020. Early Paleocene Magnetostratigraphy and Revised Biostratigraphy of the Ojo Alamo Sandstone and Lower Nacimiento Formation, San Juan Basin, New Mexico, USA. *GSA Bulletin*, 132(9-10): 2154-2174. doi: 10.1130/B35481.1

[5] Schlanser, K., Diefendorf, A. F., Greenwood, D. R., Mueller, K. E., West, C. K., Lowe, A. J., Basinger, J. F., Currano, E. D., **Flynn, A. G.**, Fricke, H. C., Geng, J., Meyer, H. W., Peppe, D. J., 2020. On geologic timescale, pCO_2 has little effect on plant carbon isotope fractionation. *Geochimica et Cosmochimica Acta*, 270: 264-281. doi: 10.1016/j.gca.2019.11.023

[4] **Flynn, A. G.,** Peppe, D. J., 2019. Early Paleocene tropical forest from the Ojo Alamo Sandstone, San Juan Basin, New Mexico, USA. *Paleobiology*, 45(4): 612-635. doi: 10.1017/pab.2019.24

[3] Peppe, D. J., Baumgartner, A., **Flynn, A. G.**, Blonder, B., 2018. Reconstructing paleoclimate and paleoecology using fossil leaves, *in* Croft, D. A., Su, D. G., Simpson, S. W. (Eds), *Methods in Reconstructing Cenozoic Terrestrial Environments and Ecological Communities.* Springer (Vertebrate Paleobiology and Paleoanthropology Book Series), Cham, Switzerland.

[2] Davis, A. J., Peppe, D. J., Atchley, S., Williamson, T. E., **Flynn, A. G.**, 2016. Climate and landscape reconstruction of the Arroyo Chijuillita Member of the Nacimiento Formation, San Juan Basin, New Mexico: providing environmental context to early Paleocene mammal evolution. *Palaeogeography, Palaeoclimatology, and Palaeoecology*, 463: 27-44. doi: 10.1016/j.palaeo.2016.09.011

[1] Currano, E. D., Laker, R., **Flynn, A. G.**, Fogt, K. K., Stradtman, H., Wing, S. L., 2016. Consequences of elevated temperature and pCO_2 on insect folivory at the ecosystem level: perspectives from the fossil record. *Ecology and Evolution*, 6(13): 4318-4331. doi: 10.1002/ece3.2203

<u>In Review or In Preparation</u>

Flynn, A. G., Brusatte, S. L., Chiarenze, A. A., García-Girón, J., Davis, A. J., Fenley, C. W. IV, Secord, R., Shelley, S., Weil, A., Heizler, M. T., Williamson, T. E., Peppe, D. J., *in revision*. Late-surviving dinosaurs in New Mexico illuminate high diversity and provinciality in terrestrial faunas prior to the end-Cretaceous mass extinction. *Nature Ecology and Evolution.*

Flynn, A. G., Beverly, E. J., Williamson, T. E., Zellman, K., Fricke, H., Torres, L., Geng, J., McCarthy, C. J., *in revision*. Magnetostratigraphy and Mammalian Faunas Constrain Early Eocene Deposition of the lower San José Formation, San Juan Basin, New Mexico, USA. *Geology*.

Flynn, A. G., Geng, J., Abbuhl, B., Peppe, D. J., *in preparation*. Early Paleocene Fossil Floras from the Lower Nacimiento Formation, San Juan Basin, New Mexico, USA.

Presentations and Abstracts

First Author Presentations (if undergraduate student advisee)*

Flynn, A. G., Beverly, E. J., Snell, K., Korasidis, V. A., Whitehead, P., Zellman, K. L., Fricke, H. C., Williamson, T. E., Matel, T., McCarthy, C., Torres, L., Stivison, E., Deleon, A., Wing, S. L., 2024. A Paleoclimate and Paleobotanical Record Across Eocene Thermal Maximum 2 (ETM2) from the San Juan Basin, New Mexico, USA: *EOS Transactions, American Geophysical Union*: PP31B-0478.

Flynn, A. G., Korasidis, V., Whitehead, P., Wing, S. L., Beverly, E. J., 2024. Preliminary Report of Early Eocene Floras from the lower San José Formation, San Juan Basin, New Mexico, USA. *2024 North American Paleontological Congress*.

Flynn, A. G., Beverly, E. J., Snell, K., Zellman, K., Fricke, H., Williamson, T. E., Torres, L.*, McCarthy, C. J.*, Stivison, E.*, Deleon, A.*, Baker, S.*, 2023. Terrestrial Record of Eocene Thermal Maximum 2 (ETM2) from the San Juan Basin, New Mexico, USA: *Geological Society of America Abstracts with Programs 55(6)*.

Flynn, A. G., Beverly, E. J., Zellman, K., Fricke, H., Williamson, T.E., 2022. Stable and Chaotic Eras: an Early Eocene Terrestrial Record from the San Juan Basin, New Mexico, USA: *Geologic Society of America Abstracts with Programs 54(5)*.

Flynn, A. G., Beverly, E. J., Zellman, K., Fricke, H, Williamson, T. E., 2021. Preliminary Early Eocene Age Model and Terrestrial Paleoenvironmental Record from the San Juan Basin, New Mexico, USA: *Geological Society of America Abstracts with Programs 53(6)*.

Flynn, A. G., Secord, R., Geng, J.*, Abbuhl, B.*, Williamson, T. E., Brusatte, S. L., Peppe, D. J., 2020. Early Paleocene Floras from the San Juan Basin (New Mexico, USA) Record Terrestrial Ecosystem Change Following the Cretaceous-Paleogene Boundary: *Geological Society of America Abstracts with Programs 52(6)*.

Flynn, A. G., Secord, R., Geng, J.*, Abbuhl, B.*, Williamson, T. E., Brusatte, S. L., Peppe, D. J., 2020. Terrestrial Ecosystem Response to the Cretaceous-Paleogene Boundary: Case Study from the San Juan Basin, New Mexico, USA: *37th Midcontinent Paleobotanical Colloquium*.

Flynn, A. G., Peppe, D. J., Williamson, T. E., Secord, R., Brusatte S. L., Geng, J.*, 2019. Plant and Mammal Communities from the San Juan Basin (New Mexico, USA) Record Long Term Ecosystem Instability Following the Cretaceous-Paleogene Boundary. *Geological Society of America, Abstracts with Programs 51(5).*

Flynn, A. G., Peppe, D. J., Davis, A. J., Williamson, T. E., Heizler, M. T., Leslie, C. E., Secord, R., Brusatte S. L., Fenley, C. W. IV*, 2019. High-Resolution Latest Cretaceous to Early Paleocene Magnetostratigraphy from the San Juan Basin,

New Mexico, USA Constrains the Age of Dinosaur and Mammalian Faunas Across the K/Pg boundary. *Geological Society of America, Abstracts with Programs 51(5).*

Flynn, A. G., Peppe, D. J., 2019. Early Paleocene Landscape Heterogeneity in Plant Communities from the San Juan Basin, New Mexico, USA: *36th Midcontinent Paleobotanical Colloquium*.

Flynn, A. G., Peppe, D. J., Abbuhl, B.*, Geng, J.*, 2018. Paleoecology and Paleoclimate of an Early Paleocene Tropical Forest from the San Juan Basin, New Mexico, USA: *2nd Green Life Sciences Symposium, Ann Arbor, Michigan*.

Flynn, A. G., Peppe, D. J., Abbuhl, B.*, 2018. Rapid Floral Change in Diverse Early Paleocene Tropical Forest from the San Juan Basin, New Mexico, USA: *European Palaeobotany and Palynology Conference 2018*: O014.

Flynn, A. G., Peppe, D. J., 2017. Diverse Early Paleocene Fossil Floras from the San Juan Basin (New Mexico, USA) Linked to Warm and Wet Climate: *EOS Transactions, American Geophysical Union*: PP23B-1306.

Flynn, A. G., Peppe, D. J., Abbuhl, B.*, Williamson, T. E., 2017. Diverse Early Paleocene Fossil Flora from the San Juan Basin (New Mexico, USA) Documents Rapid Recovery Following the Cretaceous-Paleogene Boundary: *Climatic and Biotic Events of the Paleogene 2017*: 24.

Flynn, A. G., Peppe, D. J., Abbuhl, B.*, 2017. Early Paleocene Tropical Forest from the San Juan Basin, New Mexico, USA: *34th Midcontinent Paleobotanical Colloquium*.

Flynn, A. G., Peppe, D. J., Abbuhl, B.*, Williamson, T.E., 2016. Paleoclimate and Paleoecology of Diverse Early Paleocene Fossil Flora from the San Juan Basin, New Mexico, USA: *XIV International Palynological Congress – X International Organisation of Paleobotany Conference*.

Flynn, A. G., Peppe, D. J., Abbuhl, B.*, Williamson, T.E., 2016. Early Paleocene Plant Communities from the Lower Nacimiento Formation (San Juan Basin, New Mexico, USA) Document Relatively Long-Term Ecosystem Instability Following the Cretaceous-Paleogene Extinction Event: *Geologic Society of America Abstracts with Programs* 48(7).

Flynn, A. G., Peppe, D.J., Abbuhl, B.*, Williamson, T.E., 2015. Diverse early Paleocene fossil flora from the Ojo Alamo Sandstone, San Juan Basin, New Mexico, USA: implications for local and regional responses to the Cretaceous-Paleogene extinction event: *Geological Society of America Abstracts with Programs* 47(7): 207.

Flynn, A. G., Peppe, D.J., Abbuhl, B.*, Williamson, T., 2014. Early Paleocene floras from the San Juan Basin, New Mexico, USA: Implications for local and regional responses to the Cretaceous-Paleogene extinction event: *Geological Society of America, Abstracts with Programs*, 46(6): 757.

Flynn, A. G., Peppe, D.J., Abbuhl, B.*, 2014. Fossil floras and climate of the Early Paleocene, San Juan Basin, New Mexico: *31st Midcontinent Paleobotanical Colloquium*.

Flynn, A. G., Kattler, K., Currano, E. D. 2011. Responses of Early Eocene Insect Herbivores to Changing Climate in the Bighorn Basin, Wyoming, USA. *China University of Geosciences Reception and Dinner*.

Co-Author Presentations (if undergraduate student advisee)*

Fricke, H.C., Zellman, K.L., Beverly, E.J., **Flynn, A.G.**, Williamson, T.E., 2023. Possible Record of the Paleocene-Eocene Thermal Maximum (PETM) in the San Juan Basin (New Mexico, USA) and Associated Changes in Fluvial Hydrology. *EOS Transactions, American Geophysical Union*: PP23E-01.

Beverly, E. J., **Flynn, A. G.**, Zellman, K., Fricke, H. C., Williamson, T. E., Snell, K., Baker, S.*, Stivison, E.*, McCarthy, C.*, 2023. Stable Versus Chaotic Eras in the Early Eocene San Juan Basin, New Mexico. *Goldschmidt Abstracts 2023.*

Stivison, E.*, **Flynn, A. G.**, Beverly, E. J., Zellman, K., Fricke, H. F., 2023. Grain Size Analysis of Sandstone from the San Juan Basin, New Mexico, USA. *2023 University of Houston Student Research Conference*

Beverly, E. J., Levin, N., Baker, S.*, Garza, B., **Flynn, A. G.**, Takashita-Bynum, K., Arellano, L., 2022. Modern Soil Chemistry Distributions within the Serengeti Ecosystem and their Implications for Paleosol-Based Proxies: *Geologic Society of America Abstracts with Programs 54(5).*

Milligan, J. N., Barclay, R. S., Dunn, R. E., **Flynn, A. G.**, Kouwenberg, L. L. R., Wagner, J., White, J. D., Zechmann, B., Peppe, D. J., 2020. Assessing the Effects of Shade on Sycamore Ecophysiology: Present and Past. *Geological Society of America Abstracts with Programs 52(6).*

Williamson, T. E., **Flynn, A. G.**, Peppe, D. J., Heizler, M. T., Leslie, C. E., Secord, R., Shelley, S. L., Brusatte, S. L., 2019. Revised High-Resolution Age Model for the Paleocene of the San Juan Basin, New Mexico, U.S.A. and Implications for Faunal and Floral Dynamics During the Dawn of the Age of Mammals: *Journal of Vertebrate Paleontology, Program and Abstracts*, *2019*: 219.

Geng*, J., **Flynn, A. G.,** Peppe, D. J., 2019. Early Paleocene Paleoclimate Reconstruction Using Leaf Physiognomy from the San Juan Basin, New Mexico, USA: *36th Midcontinent Paleobotanical Colloquium*.

Geng*, J., **Flynn, A. G.,** Peppe, D. J., 2018. Paleoclimate Reconstruction and the Pattern of Climate Change at Early Paleocene from Leaf Physiognomy at San Juan Basin, New Mexico Following the Cretaceous Paleogene Boundary: *Geological Society of America Abstracts with Programs*, 50(6).

Milligan, J., **Flynn, A. G.,** Peppe, D. J., Barclay, R., 2018. A multi proxy CO_2 reconstruction from the early Paleocene from the San Juan Basin, New Mexico, USA. *European Palaeobotany and Palynology Conference 2018*: O016.

Peppe, D. J., Royer, D., **Flynn, A. G.**, Milligan, J., 2017. The Relationship Between Terrestrial Climate and CO_2 Through the Early Paleogene and its Implications for Earth-System Sensitivity: *Climatic and Biotic Events of the Paleogene*: 84.

Milligan, J., Royer D., Franks, P., Upchurch, G., **Flynn, A. G.**, Peppe, D. J., 2017: Revised Estimates of Atmospheric CO_2 Across the Cretaceous-Paleogene (K-Pg) Boundary: *Climatic and Biotic Events of the Paleogene*: 134.

Dworkin, S., Evans, Z.*, **Flynn, A. G.**, Peppe, D. J., 2016. Early Paleocene Environmental Reconstruction Using the Isotopic Composition of Leaf Compressions from the San Juan Basin: *Geologic Society of America Abstracts with Programs* 48(7).

Abbuhl*, B., Peppe, D. J., **Flynn, A. G.,** 2015. Lateral floral variability in the early Paleocene Nacimiento Formation, San Juan Basin, NM: *Geological Society of America Abstracts with Programs*, 47(7): 533.

Davis, A. J., Atchley, S., Peppe, D. J., **Flynn, A. G.,** Williamson, T. E., 2015. Giving context to early Paleocene mammal evolution: climate and landscape reconstruction of the Arroyo Chijuillita Member of the Nacimiento Formation, San Juan Basin, New Mexico: *Geological Society of America Abstracts with Programs*, 47(7): 588.

Peppe, D. J., Williamson, T. E., Secord, R., **Flynn, A. G.,** Davis, A. J., Brusatte, S. L., 2015. Drivers of faunal turnover of early Paleocene mammalian communities in the San Juan Basin: *Journal of Vertebrate Paleontology, Program and Abstracts*, *2015*: 193.

Peppe, D. J., **Flynn, A. G.,** Williamson, T., Secord, R., Heizler, M., Brusatte, S. 2014. Early Paleocene terrestrial ecosystems in the San Juan Basin, New Mexico, USA: *Geological Society of America, Abstracts with Programs*, 46(6): 422.

Currano, E. D., Kattler, K. R., **Flynn, A. G.,** 2011. Paleogene Insect Herbivory as a Proxy for pCO_2 and Ecosystem Stress in the Bighorn Basin, Wyoming, USA: *Climatic and Biotic Events of the Paleogene 2011*.

DEPARTMENT COLLOQUIA & INVITED TALKS

Smithsonian Institution National Museum of Natural History Department of Paleobiology | 2024

New Mexico State University Department of Geological Sciences | 2024

University of Houston Department of Earth and Atmospheric Sciences | 2024

Dallas Paleontological Society | 2017

Association of Environmental and Engineering Geologists – Ft. Worth Chapter | 2017

Dallas Paleontological Society | 2014

TEACHING EXPERIENCE

Smithsonian Institution National Museum of Natural History

2024 University of Houston Graduate Field Sedimentology | Guest Instructor

University of Houston

2023 Humans and the Environment | Guest Lecturer

2021 Soils and Soils Processes | Guest Lecturer
Physical Geology | Guest Lecturer

Baylor University

2019 Earth Through Time | Laboratory Teaching Assistant

2018 Baylor Interdisciplinary Core | Guest Lecture – "Using Fossil Plants to Study Paleoclimate and Paleoecology"
Historical Geology | Laboratory Teaching Assistant
Evolutionary History of Plants | Laboratory Teaching Assistant

2017 Topics in Evolution | Guest Lecture – "Paleobotany and the Cretaceous-Paleogene Boundary"
Igneous and Metamorphic Petrology | Laboratory Teaching Assistant
Environmental Geology | Laboratory Teaching Assistant

2016 Field Sedimentology and Stratigraphy | Laboratory Teaching Assistant
Evolutionary History of Plants | Laboratory Teaching Assistant
World Oceans | Laboratory Teaching Assistant

2015 Environmental Geology | Laboratory Teaching Assistant

2014 Earth Science | Laboratory Teaching Assistant

2013 Physical Geology | Laboratory Teaching Assistant
Environmental Geology | Laboratory Teaching Assistant

GRANTS

Funded

2023 Smithsonian Peter Buck Postdoctoral Fellowship - "Floral change across Eocene Thermal Maximum 2 (ETM2) from the San Juan Basin, New Mexico" (Role: Sole PI) $144,350

2021 ACS Petroleum Research Fund Doctoral New Investigator - "Climatic and Autogenic Controls on Fluvial Fan Architecture Using Paleocene-Eocene Deposits from the San Juan Basin, New Mexico" (Role: Co-PI) $110,000

2017	GSA Graduate Student Research Grant	$1,350
	Baylor University Travel Grant	$800
2016	IOP Student Travel Grant	$1,000
	Baylor University Travel Grant	$800
	Baylor University Graduate Research Grant	$3,000
	James Dixon Undergraduate Field Assistant Scholarship	$1,750
2015	Baylor University Travel Grant	$400
	Baylor University Graduate Research Grant	$3,000
	James Dixon Undergraduate Field Assistant Scholarship	$1,150
2014	Dallas Paleontological Society Frank Crane Memorial Scholarship	$750
	GSA Graduate Student Research Grant	$1,500
	James Dixon Undergraduate Field Assistant Scholarship	$1,750

AWARDS & HONORS

2019 D. A. Grimes and A. J. Latimer Scholarship
Baylor Geology Alumni Graduate Scholarship

2014 Baylor University Geosciences Department Outstanding Teaching Assistant Award

STUDENT ADVISING

Undergraduate B.S. Thesis

Jie Geng, Baylor University, 2019. "Early Paleocene Paleoclimate Reconstruction Using Leaf Physiognomy from the San Juan Basin, New Mexico, USA."

Brittany Abbuhl, Baylor University, 2016. "Lateral floral variability in the early Paleocene Nacimiento Formation, San Juan Basin, New Mexico."

Zachary Evans, Baylor University, 2016. "Early Paleocene climate reconstruction using the isotopic composition of fossil plants."

Mentoring

Baylor University: Hunter Anderson, Michaela Donahoo, Jeremiah Robinson

University of Houston: Samantha Baker, Emily Stivison, Carly McCarthy, Ariam Deleon, Luis Torres

FIELD EXPERIENCE

Bastrop, Texas
Paleobotany collections, stratigraphy | 2018 (1 field season)

San Juan Basin, New Mexico
Paleobotany and magnetostratigraphy collections, terrestrial sedimentology and stratigraphy | 2013 – Present (11 field seasons)

Southeastern Oregon
Volcanology, geologic mapping, magnetostratigraphy collections | 2010 (1 field season)

Wind River Basin, Wyoming
Geochemical and magnetostratigraphy collections, terrestrial sedimentology and stratigraphy | 2023 – Present (1 field season)

LABORATORY & MUSEUM EXPERIENCE

National Museum of Natural History, Smithsonian Institution
Assisted with paleobotanical collections, led tours of collections for visitors, assisted students and visiting researchers using fossil collections | 2024 – Present

Human-Environment Interactions Lab, University of Houston
Assisted with sedimentary geologic and geochemistry sampling, collection, and preparation. Operated and maintained pXRF, pLIBS, ShatterBox, and other sample preparation equipment. Supervised multiple undergraduate researchers and assisted visitors using lab equipment. | 2020 – 2023.

National Museum of Kenya, Nairobi
Assisted with the description and classification of previously collected early Miocene fossil leaves from Rusinga Island, Kenya | 2019

Peabody Museum of Natural History, Yale University
Described, classified, and photographed previously collected latest Cretaceous to early Paleocene fossil leaves from the San Juan Basin, New Mexico | 2015

Thomas. T. Goforth Paleomagnetism and Paleobotany Laboratory, Baylor University
Assisted with paleobotanical collections and preparation, operated and maintained the 2G cryogenic DC-SQuID magnetometer with RAPID automated sample changer, supervised and assisted students and visitors using the lab | 2013 – 2020.

SERVICE

Professional

2024 Reviewer *Geologic Society of America Bulletin*

2023 Reviewer *Paleobiology*
Grant Reviewer *American Chemical Society*

2021 Reviewer *Rocky Mountain Geology*

2020 Reviewer for *American Journal of Botany*
Reviewer for *Cretaceous Research*
Reviewer for *Geosphere*

2019 GSA Annual Meeting Technical Session Co-Chair: "Paleontology: Paleobotany and Terrestrial Ecosystems"

2016 GSA Annual Meeting Technical Session Co-Chair: "Timing, Drivers, and Marine and Terrestrial Ecosystems Responses to the Cretaceous-Paleogene Extinction Event"

Outreach

2024 *Science Snacks* presenter at the National Museum of Natural History

NMNH Department of Paleobiology tour guide for *Life on a Sustainable Planet* undergraduate program

2020 Guest Scientist for "Meet the Mayborn – Dinosaurs and Paleontology" online programming

"Using Fossil Leaves to Reconstruct Ancient Climates" presentation at Woodgate Intermediate School

2019 "Using Fossil Leaves to Reconstruct Ancient Climates" presentation at Woodgate Intermediate School

"Diverse Early Paleocene Fossil Flora from the San Juan Basin, New Mexico" presentation at Temple Biosciences Institute

"Using Fossil Leaves to Reconstruct Ancient Climates" presentation at River Valley Intermediate School

2018 Judge for Central Texas Science and Engineering Fair

	Earth Science Week and National Fossil Day volunteer at Mayborn Museum Complex
	"What is a geologist?" presentation at Waco Montessori School
2017	Earth Science Week and National Fossil Day volunteer at Mayborn Museum Complex
	"What is a geologist?" presentation at Waco Montessori School
2013	Volunteer docent at Perot Museum of Natural History – Hall of Prehistoric Life

PROFESSIONAL MEMBERSHIPS

Geologic Society of America (GSA)
Society for Sedimentary Geology (SEPM)
International Organisation of Paleobotany (IOP)
American Geophysical Union (AGU)
Paleontological Society