

**Christopher J. Schell**

Assistant Professor, Department of Environmental Science, Policy, and Management  
 University of California, Berkeley  
 130 Mulford Hall, Berkeley, CA 94720-3114  
 e-mail: [cjschell@berkeley.edu](mailto:cjschell@berkeley.edu)

**EDUCATION**


---

PhD	University of Chicago Committee on Evolutionary Biology Rachel M. Santymire (co-chair), Jill M. Mateo (co-chair)	December 2015
B.A.	Columbia University Department of Psychology/Ecology, Evolution, and Environmental Biology	May 2009

**PROFESSIONAL HISTORY**


---

Assistant Professor, University of California, Berkeley	2021-Present
Assistant Professor, University of Washington Tacoma	2018-2021
Postdoctoral Researcher, Colorado State University/National Wildlife Research Center	2015-2018
Graduate Research Assistant, Lincoln Park Zoo	2009-2015

**PUBLICATIONS**

- 
- Chapman M., Goldstein B.R., **Schell C.J.**, Brashares J.S., Carter N.H., Ellis-Soto D., Faxon H.O., Goldstein J.E., Halpern B.S., Longdon J., Norman K.E.A., O'Rourke D., Scoville C., and Boettiger C. (2024). Biodiversity monitoring for a just planetary future. *Science*. 383 (6678), 34–36. <https://doi.org/10.1126/science.adh8874>.
- Carlen E., Estien C.O., Caspi T., Perkins D., Goldstein B.R., Kreling S.E.S., Hentati Y., Williams T.D., Stanton L.A., Des Roches S., Johnson R.F., Young A.N., Cooper C.B., **Schell C.J.** (Accepted). A framework for contextualizing social-ecological biases in contributory science data. *People and Nature*.
- Lambert M. and **Schell C. J.** (2023). Cities as the Solution to the Biodiversity Crisis: In: Urban Biodiversity and Equity. Edited by: Max R. Lambert & Christopher J. Schell, Oxford University Press. 1–21. <https://doi.org/10.1093/oso/9780198877271.003.0001>.
- Stanton L.A., Wilkinson, C.E., Angeloni L., Benson-Amram S., **Schell C.J.**, and Young J.K. (2023). Animal Behavior, Cognition, and Human–Wildlife Interactions in Urban Areas. In: Urban Biodiversity and Equity. Edited by: Max R. Lambert & Christopher J. Schell, Oxford University Press. 177–202. <https://doi.org/10.1093/oso/9780198877271.003.0011>.
- Schell C.J.**, Lambert M.R., Des Roches S., Gallo T., and Harris N.C. (2023). Conclusion—Biodiversity for the People. In: Urban Biodiversity and Equity. Edited by: Max R. Lambert & Christopher J. Schell, Oxford University Press. <https://doi.org/10.1093/oso/9780198877271.003.0015>.
- Lambert M. and **Schell C. J.** (2023). Urban Biodiversity and Equity: Justice-centered conservation in cities. Oxford University Press. Eds: Lambert, M., Schell, C.J.
- Wilkinson C.E., Caspi T., Stanton L.A., Campbell D., and **Schell C.J.** (2023). Coexistence across space and time: Social-ecological patterns within a decade of human-coyote interactions in San Francisco. *People and Nature*, 5 (6), 2158-2177. <https://doi.org/10.1002/pan3.10549>.

- Estien, C.E., Fidino, M., Wilkinson, C.E., Morello-Frosch, R., **Schell, C.J.** (2023). Historical redlining impacts wildlife biodiversity across California. *EcoEvoRxiv*.  
<https://ecoevorxiv.org/repository/view/6378/>.
- Beam E.R.G., Berger J., Breck S.W., **Schell C.J.**, and Lambert J.E. (2023) Habituation and tolerance in coyotes (*Canis latrans*), a flexible urban predator. *Wildlife Letters*, 1–10.  
<https://doi.org/10.1002/wll2.12025>.
- Estien C.O., Chapman M., **Schell C.J.**, Lowy N., & Gerson J.R. (2023). Demystifying the Graduate School Application Process. *Bulletin of the Ecological Society of America*.  
<https://doi.org/10.1002/bes2.2029>.
- Murray M.H., Buckley J., Byers K.A., Fake K., Lehrer E.W., Magle S.B., et al. (**Schell CJ senior author\***). (2022). One Health for All: Advancing Human and Ecosystem Health in Cities by Integrating an Environmental Justice Lens. *Annual Reviews in Ecology and Evolution*, 53, 403–426.  
<https://doi.org/10.1146/annurev-ecolsys-102220-031745>.
- Caspi T., Johnson J.R., Lambert M.R., **Schell CJ**, & Sih A. (2022). Behavioral plasticity can facilitate evolution in urban environments. *Trends in Ecology and Evolution*, 37 (12), 1092–1103.  
<https://doi.org/10.1016/j.tree.2022.08.002>.
- Verrelli B.C., Alberti M., Des Roches S., Harris N.C., Hendry A.P., Johnson M.T.J., et al. (2022). A global horizon scan for urban evolutionary ecology. *Trends in Ecology and Evolution*, 37 (11), 1006–1019.  
<https://doi.org/10.1016/j.tree.2022.07.012>.
- Blumstein D.T., Alberti M., Beninde J., Blakey R.V., Burger J.R., Cooper D.S., Niesner C.A., **Schell C.J.**, Soga M., Uchida K. (2023). Global urban biodiversity and the importance of scale. *Frontiers in Conservation Science*. 4, 8-11. <https://doi.org/10.3389/fcosc.2023.1149088>.
- Kay C.A.M., Rohnke A.T., Sander H.A., Stankowich T., Fidino M., Murray M.H., Lewis J.S., Taves I., Lehrer E.W., Zellmer A.J., **Schell C.J.**, Magle S.B. (2022). Barriers to Building Wildlife-Inclusive Cities: Insights from the deliberations of urban ecologists, urban planners, and landscape designers. *People and Nature*. 4 (1), 62–70. <https://doi.org/10.1002/pan3.10283>.
- Magle S.B., Fidino M, Sander H., Rohnke A., et al. (**Schell CJ senior author\***). 2021. Wealth and urbanization shape medium and large terrestrial mammal communities. *Global Change Biology*. 27 (21), 5446–5459. <https://onlinelibrary.wiley.com/doi/10.1111/gcb.15800>.
- vonHoldt B.M., Brzeski K.E., Aardema M.L., **Schell C.J.**, Rutledge L.Y., Fain S.R., Shutt A.C., Linderholm A., Murphy W.J. 2021. Persistence and expansion of cryptic endangered red wolf genomic ancestry along the American Gulf coast. *Molecular Ecology*. 31 (21), 5440-5454.  
<https://doi.org/10.1111/mec.16200>.
- Fidino M., Gallo T., Lehrer E.W., Murray M.H., Kay C.A.M., Sander H.A., et al. 2021. Landscape-scale differences among cities alter common species' responses to urbanization. *Ecological Applications*. 31 (2), e02253. <https://onlinelibrary.wiley.com/doi/10.1002/eap.2253>.
- Schell C.J.**, Stanton L.A., Young J.K., Angeloni L.A., Breck S.W., Murray M.H. (2021). The evolutionary consequences of human-wildlife conflict. *Evolutionary Applications*. 14(1), 178–197.  
<https://onlinelibrary.wiley.com/doi/10.1111/eva.13131>.
- Sealey B.A., Beasley D., Halsey D., **Schell C.J.**, Leggett Z., Yitbarek S., Harris N.C. (2020). Human Dimensions: Raising Black Excellence by elevating Black ecologists through collaboration, celebration, and promotion: *Bulletin of the Ecological Society of America*. 101 (4), 1–6.  
<https://onlinelibrary.wiley.com/doi/10.1002/bes2.1765>
- Schell C.J.**, Dyson K., Fuentes T., Des Roches S., Harris N.C., Miller D.S., Woefle-Erskine C.A., Lambert M. (2020). The ecological and evolutionary consequences of systemic racism in urban environments. *Science*. 369, eaay4497. <https://doi.org/10.1126/science.aay4497>.

- Schell C.J.**, Guy C., Shelton D., Campbell-Staton S., Sealey B.A., Lee D.N., Harris N.C. (2020). Recreating Wakanda by promoting Black excellence in ecology and evolution. *Nature Ecology and Evolution*. 4 (10), 1285–1287. <http://dx.doi.org/10.1038/s41559-020-1266-7>.
- Alberti M., Palkovacs E., Des Roches S., De Meester L., Brans K., Govaert L., Grimm N., Harris N., Hendry A., **Schell C.J.**, Szulkin M., Munshi-South J., Urban M., Verrelli B. (2020). The complexity of urban eco-evolutionary dynamics. *Bioscience*. 70 (9), 772–793. <https://academic.oup.com/bioscience/article/70/9/772/5893672>
- Des Roches S., Brans K., Lambert M.R., Rivkin R.L., Savage A.M., **Schell C.J. (11 additional co-authors)**. (2021). Socio-Eco-Evolutionary Dynamics in Cities. *Evolutionary Applications*. 14 (1), 248–267. <https://doi.org/10.1111/eva.13065>.
- Schell C.J.** (2020). Investigating the genetic and environmental architecture of interpack aggression in North American grey wolves. *Molecular Ecology*. 29 (10), 1757–1760. <https://onlinelibrary.wiley.com/doi/abs/10.1111/mec.15453>.
- Magle S.B. (19 co-authors) (2019). Advancing urban wildlife research through a multi-city collaboration. *Frontiers in Ecology and the Environment*. 17 (4), 232–239. <https://doi.org/10.1002/fee.2030>.
- Schell C.J.**, Young J.K., Lonsdorf E.V., Santymire R.M., Mateo J.M. (2018). Parental habituation to human disturbance over time reduces fear of humans in coyote offspring. *Ecology and Evolution*. 8 (24), 12965–129280. <https://onlinelibrary.wiley.com/doi/abs/10.1002/ece3.4741>.
- Turner K.G., **Schell C.J.**, Moyers B.T. (2018). Genomics of Adaptation to Human Contexts. *Journal of Heredity*. 109 (2), 101–102. <https://doi.org/10.1093/jhered/esx113>.
- Schell C.J.**, Young J.K., Lonsdorf E.V., Mateo J.M., Santymire R.M. (2018). It takes two: Evidence for reduced sexual conflict over parental care in a biparental canid. *Journal of Mammalogy*. 99 (1), 75–88. <https://doi.org/10.1093/jmammal/gyx150>.
- Schell C.J.** (2018). Urban evolutionary ecology and the potential benefits of implementing genomics. *Journal of Heredity*. 109 (2), 138–151. <https://doi.org/10.1093/jhered/esy001>.
- Schell C.J.**, Young J.K., Lonsdorf E.V., Mateo J.M., Santymire R.M. (2017). Investigation of techniques to measure cortisol and testosterone concentrations in coyote hair. *Zoo Biology*. 36 (3), 220–225. <http://doi.wiley.com/10.1002/zoo.21359>.
- Greggor A.L. et al. (19 co-authors) (2016). Prioritising animal behaviour research to increase conservation efficacy. *Trends in Ecology and Evolution*. 31 (12), 953–964. <https://doi.org/10.1016/j.tree.2016.09.001>.
- Schell C.J.**, Young J.K., Lonsdorf E.V., Mateo J.M., Santymire R.M. (2016). Olfactory attractants and parity affect prenatal androgens and territoriality of coyote breeding pairs. *Physiology and Behavior*. 165, 43–54. <https://doi.org/10.1016/j.physbeh.2016.06.038>.
- Schell C.J.** (2015). Differential and long-term impacts of biparental effects on offspring personality and hormones in coyotes (*Canis latrans*). Dissertation, University of Chicago. <http://search.proquest.com/docview/1749772501>.
- Schell C.J.**, Young J.K., Lonsdorf E.V., Santymire R.M. (2013). Anthropogenic and physiologically induced stress responses in captive coyotes. *Journal of Mammalogy*. 94 (5), 1131–1140. <https://doi.org/10.1644/13-MAMM-A-001.1>.

#### *Digital media (blogpost, editorials, etc.)*

- Schell C.J.** Ecosystems and energy lay bare the essence of justice. Bugs and Beast Before the Law. <https://bambitchell.henryart.org/is-justice-a-process-or-an-outcome/christopher-schell/>.
- Lincoln Park Zoo 150<sup>th</sup> Anniversary Book (Reach: The Remarkable Impact 150<sup>th</sup>)**. Composed an essay about community engagement, interaction, and communication in Chicago, IL. The essay, and a collection of other essays from the community, were published and released to the public in the Winter of 2019 (<https://shop.lpzoo.org/book-reach-the-remarkable-impact-150th-anniversary.html>)

**Schell CJ.** The Human Side of Urban Evolution: Integrating Identity and Community with Research. Life in the City: Urban Evolution Blog. <https://urbanevolution-litc.com/2018/11/19/the-human-side-of-urban-evolution-integrating-identity-and-community-with-research/>

## GRANTS

---

### Current

**DISES: Social-ecological drivers and consequences of human-carnivore interactions within and among American Cities (NSF-BCS-2307324).** Principal Investigator: Maureen Murray. Co-Principal Investigator: Christopher Schell, Kelli Larson, Mason Fidino, Seth Magle; Total Award Amount: \$167,756.

**Collaborative Research: Linking social-environmental health to the trophic and disease dynamics of urban carnivores (NSF-DEB-2223974).** Principal Investigator: Laura Prugh. Co-Principal Investigator: Christopher Schell; Total Award Amount: \$ 378,135.

**ILTER: CAP V: Investigating how relationships between urban ecological infrastructure and human-environment interactions shape the structure and function of urban ecosystems (DEB-2224662).** Principal Investigator: Daniel Childers. Co-Principal Investigators: Nancy Grimm, B. Turner, Kelli Larson, Becky Ball. Senior Personnel: Christopher Schell. Total Award Amount: \$75,000.

**Dear Colleague Letter – LTER (NSF-DEB-2129699). Multifaceted mechanisms of metropolis: Integrating society, ecology, evolution, and plasticity to advance urban evolutionary ecology.** Principal Investigator: Kevin McGraw. Co-Principal Investigator: J. Chad Johnson, Paige Warren, Sarah Diamond, and **Christopher J. Schell**; Total Award Amount: \$99,123.

### Past

**Royalty Research Fund (UW-system wide).** The hunger games: Food, fear, and the integrative mechanisms driving risk-taking in coyotes. Principal Investigator: Christopher J. Schell; Total Award Amount: \$39,473.

**EarthLab Innovation Grants Program (UW-system wide).** Voices unbound: Amplifying perspectives of disenfranchised communities to provoke environmental change. Principal Investigator: **Christopher J. Schell**; co-Principal Investigator: Robin A. Evans-Agnew; Start Date: 05/01/2019; Total Award Amount: \$49,987.

**Collaborative Publicly Engaged Scholarship (CPES) fund (UW Tacoma).** Lights, Cameras, Action: Using wildlife cameras to assess how artificial light at night influences mammalian communities in cities. Principal Investigator: Christopher J. Schell; Start Date: 01/01/2019; Total Award Amount: \$5,000.

**National Science Foundation, Broadening Participation Fellowship.** Quantifying the impact of urbanization on temperament, hormonal stress, and genetic variation in urban coyote populations (*Canis latrans*). Principal Investigator: **Christopher J. Schell**; Start Date: 09/01/2015; Total Award Amount: \$207,000.

**UNCF Merck Graduate Science Research Dissertation Fellowship.** Developmental experience and its significance in predicting adult temperament in the coyote. Principal Investigator: **Christopher J. Schell**; Start Date: 06/01/2014. Total Award Amount: \$56,000.

**Graduate Assistance in Areas of National Need (GAANN) Fellowship, University of Chicago.** Parental effects in coyotes (*Canis latrans*). Principal Investigator: **Christopher J. Schell**; Start Date: 09/28/2012; Total Award Amount: \$46,000.

**National Science Foundation, Graduate Research Fellowship Program (GRFP).** Comparative behavioral ecology of Canidae. Principal Investigator: **Christopher J. Schell**; Start Date: 09/30/2009; Total Award Amount: \$126,000.

## HONORS AND AWARDS

---

**National Geographic 2023 Wayfinder Award.** Recipients are individuals who have proven themselves to be the next generation of influential leaders, communicators, and innovators whose critical work inspires us to learn about, care for, and protect the wonder of our world. Their groundbreaking work covers a vast array of impact-driven projects including connecting youth to the ocean, using innovative technology to track insects across landscapes, investigating critical environmental stories, and developing equitable conservation solutions for poor communities (<https://blog.nationalgeographic.org/2023/05/31/the-national-geographic-society-announces-the-2023-wayfinder-award-recipients/>).

**Cal Academy of Sciences Fellow.** An honor bestowed on distinguished scientists in recognition of their contributions to the natural sciences. Fellows help extend the positive impact and legacy of the Academy through research, public engagement, education, and collaboration across CA.

**Grist 50 Fixer 2021.** An honor and recognition created by Grist Magazine that identifies 50 emerging leaders in climate, equity, and sustainability. The nominations are put forth by the public, and the finalists research, activism, and work are spotlighted annually.

## MEDIA FEATURES, INTERVIEWS & RESEARCH PROFILES

---

### 2023

- **New York Times** Interview with Hilary Rosner (Title: Why Warblers Flock To Wealthier Neighborhoods; <https://www.nytimes.com/2023/11/21/science/birds-cities-redlining.html>)
- Feature and Interview by Mathew Burciaga for **Berkeley Rausser College of Natural Resources** on the release of new book *Urban Biodiversity and Equity* (Edited by Max R. Lambert and Christopher J. Schell). <https://nature.berkeley.edu/news/2023/12/justice-centered-conservation-cities>.
- Feature and Interview by Zac Unger with **Breakthrough, The Magazine of Rausser College of Natural Resources** (Title: Toward a New Legacy: Rausser College Faculty are shaping the next era of wildlife and conservation research; <https://nature.berkeley.edu/breakthroughs/fa23/new-legacy>)
- Interview with Day's Edge Productions and PBS for the **PBS show Human Footprint**, hosted by Dr. Shane Campbell-Staton. <https://www.pbs.org/video/the-urban-jungle-7grk9d/>.
- Interview with Sachin Rawat at **The Biologist**, an online forum with the Royal Society of Biology (Title: Stress in the City; <https://thebiologist.rsb.org.uk/biologist-features/stress-in-the-city>)
- Interview with Bethany Brookshire for **Sierra Magazine** about recent publication by Dr. Laura Prugh and colleagues (Title: Out of the Frying Pan, Onto the Farm; <https://www.sierraclub.org/sierra/out-frying-pan-farm-predators-cougars-bobcats-coyotes>)
- Interview with Chris Morgan for **The Wild podcast** featured on **KUOW** (<https://www.kuow.org/stories/a-coyote-walks-into-a-quiznos>)
- Interview for **The Atlantic**, written by Katherine J. Wu (Title: Junk Food is Bad for You. Is It Bad for Raccoons?; <https://www.theatlantic.com/science/archive/2023/02/wild-animals-eating-human-food-health-issues/673138/>).

### 2022

- Interview for the **Going Wild with Dr. Rae Wynn-Grant** Podcast (Title: A Coyote Walks Into a Quiznos...; <https://www.pbs.org/wnet/nature/podcast/coyotes/>)

- **Iowa Public Radio** interview for Talk of Iowa and Errington Lecture series (Title: Exploring the connection between coyote behavior and social justice; <https://www.iowapublicradio.org/podcast/talk-of-iowa/2022-10-13/exploring-the-connection-between-coyote-behavior-and-social-justice>)
- **Science Friday** interview (Collars, Cameras, and Carcasses: Studying Urban Wildlife; <https://www.sciencefriday.com/segments/urban-wildlife-research/>)
- The **San Diego Union-Tribune** interview, written by Pam Krage (Title: *Researcher says coyotes should be praised for work they're doing for biodiversity science.*) <https://www.sandiegouniontribune.com/news/environment/story/2022-03-02/coyote-researcher-says-canine-predators-should-be-praised-for-work-theyre-doing-for-biodiversity-science>)
- **KUOW Public Radio** interview with Alec Cowan and Libby Denkmann (Title: Wildlife is learning to live in NW cities. Can we adapt with them? <https://www.kuow.org/stories/wildlife-is-adapting-to-our-cities-can-we-adapt-with-them>)
- **National Geographic** interview written by Christine Dell'Amore on urban wildlife in cities (Title: *Why cities are going wild.* <https://www.nationalgeographic.com/magazine/article/why-urban-bears-know-when-its-trash-day-feature>)
- **Bloomberg News** interview by Todd Woody (Title: *Meet the New Climate Refugee in Town: Coyotes.* <https://www.bloomberg.com/news/features/2021-12-06/how-climate-change-forces-wildlife-into-cities?srnd=green&sref=aiiNijqZ>)

## 2021

- Netflix television series **Vox Explained** interview on the evolutionary history of dogs (Episode Title: Dogs. <https://www.netflix.com/title/80216752>)
- **Concrete Jungle**. Anthropomania podcast interview by Niki Wilson, Jay Ingram, and Erika Siren (<https://anthropomania.simplecast.com/episodes/concrete-jungle>)
- **WHYY Public Radio** interview by Xavier Lopez (Title: Sharing the city with some really wild neighbors. <https://whyy.org/segments/sharing-the-city-with-some-really-wild-neighbors/>)

## 2020

- Interview for the **BBC**, written by Chris Baraniuk (Title: Does city life make animals smarter? <https://www.bbc.com/future/article/20200416-how-city-life-can-breed-smarter-pests>)
- **Sierra Club Magazine** interview by Rachel Nuwer (Title: Nature is Returning: The pandemic gives us a chance to reset our relationship with the animal world. <https://www.sierraclub.org/sierra/2020-6-november-december/feature/nature-returning-during-covid-coronavirus-pandemic>)
- **New York Times** interview by Annie Roth (Title: *Brawling monkeys, wandering deer – blame coronavirus.* <https://www.nytimes.com/2020/03/16/science/hungry-monkeys-deer-coronavirus.html>)
- **Discover Magazine** interview by Kate Golembiewski (Title: *Did COVID-19 Heal Nature?* <https://www.discovermagazine.com/health/did-covid-19-heal-nature>)
- **KNKX Public Radio** Interview by Bellamy Pailthorp (Title: *Urban carnivores appear to be more nocturnal as region slows due to coronavirus.* <https://www.knkx.org/environment/2020-05-28/urban-carnivores-appear-to-be-more-nocturnal-as-region-slows-due-to-coronavirus>)
- **National Geographic** Interview by Annie Roth (Title: *Wildlife deaths from coronavirus disinfectant use alarm scientists.*)

<https://www.nationalgeographic.com/animals/2020/08/disinfectant-public-cities-pandemic-urban-wildlife-cvd/>)

- Interview for **Michigan News** by Laurel Thomas (Title: *Ecologists across the country say academy must root out racism, recognize Black scholar excellence.* <https://lsa.umich.edu/eeb/news-events/all-news/search-news/ecologists-across-the-country-say-academy-must-root-out-racism-.html>)
- Interview for **the Atlantic** by Sarah Zhang (Title: *Cities have changed – for rats.* <https://www.theatlantic.com/science/archive/2020/06/pandemic-rats-urban-wildlife/612775/>)
- **Seattle Met** interview by Stefan Milne (Title: *Is Seattle wildlife actually behaving differently while we quarantine?* <https://www.seattlemet.com/news-and-city-life/2020/05/is-seattle-wildlife-actually-behaving-differently-while-we-quarantine>)
- Interview and feature story for **UW magazine** by Julie Davidow. (Title: *Seeing himself in the science.* <https://magazine.washington.edu/feature/ecologist-christopher-schell-sees-himself-in-the-science/>)

## PRESENTATIONS

---

*Conference proceedings (contributed talks, CT; invited symposia, S; and plenary/keynote talks, PK)*

- Schell CJ** (2024). Breaking the Fourth Wall: Interrogating the obstacles to DEI efforts and scientific innovation. The Society for Integrative and Comparative Biology, Science and Society Special Lecture. (PK)
- Schell CJ** (2023). Cities of futures past: Examining how social-ecological legacies affect urban biodiversity. The 2023 Western Society of Naturalists Conference. (PK)
- Schell CJ** (2023). Cities of futures past: Examining how social-ecological legacies affect urban biodiversity. The 2023 San Francisco Bay Area National Parks Science Symposium. (PK)
- Schell CJ**, Caspi T, Estien CO, Kozlowski C, Sacks B. (2023). Stressed out: Environmental health predicts variability in coyote ecophysiology in San Francisco, CA. The 2023 Ecological Society of America conference. (S)
- Schell CJ** (2023). The behavior of ghosts: How cities shape coyote organismal ecology. The 2023 Animal Behavior Society Conference. (PK)
- Schell CJ** (2023). Biodiversity for the people: Conserving species through collective action and justice. Biodiversity Convention – From Science to Implementation in Monte Verita, Ascona, Switzerland. (PK)
- Schell CJ**, Caspi T, Kozlowski C, Sacks B. (2023). Stressed out: Environmental health predicts variability in coyote ecophysiology in San Francisco, CA. The International Urban Wildlife Conference. (S)
- Schell CJ**, Quinn N, Wilkinson C (2022). Societal health and wealth are associated with variance in coyote movement patterns. The Wildlife Society, Spokane WA. (S)
- Schell CJ** (2022). Living for the city: Exploring the social-ecological drivers of biodiversity in cities. 2<sup>nd</sup> Annual World Biodiversity Forum, Davos, Switzerland. (PK)
- Schell CJ** & Pickett S (2022). Advancing Equity and Inclusion in the Research Community, Global Council for Science and the Environment 2022 Annual Conference (PK)
- Schell CJ** (2022). Capstone Session – Schell Lab at UC Berkeley. 69<sup>th</sup> Annual Meeting of the Western Section of the Wildlife Society. (PK)
- Schell CJ** (2021). Coyotes, conflict, and cities: The role of social heterogeneity in shaping coyote behavior. The 2021 Animal Behavior Society. (S)
- Schell CJ**, Magle S, Fidino M, Lehrer L, Gallo T. (2020). Wildlife spatial and temporal responses to human activity during the COVID-19 pandemic. The Wildlife Society (TWS) 2020 Annual Conference. (S)

- Schell CJ**, Terrell K, Tonietto R, Lambert M, Katti M, Watts S, Perkins D, Greenlaw S, Heza M, Young T. (2020). A New Paradigm of ‘High Impact’ Research: Why Conservation Science Needs to Prioritize Racial and Social Justice. North American Congress for Conservation Biology (Video can be found here: <https://www.youtube.com/watch?v=Mfdzm1EfwVM&feature=youtu.be>) (PK)
- Schell CJ**, Mccaffery RM, Johnson HE, Wilson S, Artelle K, Moody J (2020). From the urban to the wild: building a future for human-carnivore coexistence in North America. North American Congress for Conservation Biology (NACCB). <http://scbnorthamerica.org/index.php/tuesday-july-28-plenary/> (PK)
- Schell CJ** (2020). Where the wild things are: Urban wildlife as bioindicators of structural racism, environmental health, and justice. 2020 Environmental Justice Conference, “Developing Capacity through Collaborative Action”. University of Washington, College of the Environment. Seattle, WA (digital) (PK)
- Schell CJ** (2020). Parks and equity: urban conservation, sustainability, and justice. Puget Sound Green Infrastructure Series Closing Keynote, Tacoma, WA (digital) (PK)
- Schell CJ** (2019). Follow the food: Ecological, Evolutionary, and Social Implications of Anthropogenic Food Subsidies in Cities. CAP-LTER Food, Heat, and Water Workshop, Tempe, AZ. (S)
- Schell CJ** (2019). Environmental Justice Roundtable. Urban Wildlife Information Network (UWIN) Summit, Chicago, IL (S).
- Schell CJ**, Gallo T, Lehrer EW (2019). Emerging Themes in Urban Wildlife Ecology: Updates from the 2019 International Urban Wildlife Conference. The Wildlife Society & American Fisheries Society 2019 Joint Annual Conference. Reno, NV. (S)
- Schell CJ**, Murray MH, St. Clair CC, Poessel SA, Angeloni LM, Breck SW (2019). Making Movement Personality: Inferring Personality Traits from GPS Tracking Data of Coyotes. 56<sup>th</sup> annual Animal Behavior Society (ABS) Conference. Chicago, IL. (CT)
- Schell CJ**, Murray MH, St. Clair CC, Poessel SA, Angeloni LM, Breck SW (2019). Making Movement Personality: Inferring Personality Traits from GPS Tracking Data of Urban Coyotes. 99<sup>th</sup> annual American Society of Mammalogists (ASM) Conference. Washington, D.C. (S)
- Schell CJ** (2019). It’s All Connected: Wildlife, People, and the Intersectionality of Socio-Environmental Systems. International Urban Wildlife Conference (IUWC). Portland, OR. (P)
- Schell CJ**, Gallo T, Breck SW, Harris I, Slage A, Chen Z, Angeloni LA (2019). Staying connected: Do artificial corridors in cities positively impact urban carnivore occurrence? International Urban Wildlife Conference (IUWC). Portland, OR. (S)
- Schell CJ**, Young JK, Lonsdorf EV, Santymire RM, Mateo JM. (2018). Parental programming in coyotes: Experienced parents bolster pup boldness in anthropogenic contexts. 17<sup>th</sup> International Society of Behavioral Ecologists (ISBE) Conference, Minneapolis, MN. (CT)
- Schell CJ**, Breck SW, Angeloni LM. (2016). Landscape Heterogeneity and the Potential for Microgeographic Adaptation in Urban Ecosystems”. Guild of Rocky Mountain Ecologists and Evolutionary Biologists (GREEBs) conference, Gothic, CO. (CT)
- Schell CJ**. (2016). Epigenetic Expansion: Conceptualizing Coyote Plasticity as a Consequence of Parental Programming”. Genomics of Adaptation to Human Contexts. Fort Collins, CO. (CT)
- Schell CJ**, Young JK, Lonsdorf EV, Santymire RM, Mateo JM. (2016). Experience breeds competitors: Parity positively affects litter sizes, boldness, and hormones in coyote pups”. The 96<sup>th</sup> American Society of Mammalogists (ASM) conference. Minneapolis, MN. (CT)
- Schell CJ**, Young JK, Lonsdorf EV, Santymire RM, Mateo JM. (2015). Back in the day: The impact of developmental experiences on consistent individual differences in coyotes”. The 52<sup>nd</sup> Animal Behavior Society (ABS) conference. Anchorage, AK (S)
- Schell CJ**, Young JK, Lonsdorf EV, Santymire RM, Mateo JM. (2015). Developmental experience and its impact on adult temperament types in the coyote (*Canis latrans*)”. International Urban Wildlife Conference. Chicago, IL (CT)

**Schell CJ**, Young JK, Lonsdorf EV, Mateo JM, Santymire RM. (2014). Novel Olfactory Stimulants provided during Pregnancy Influence Litter Temperament and Hormones in Coyotes. 21st Annual Wildlife Society Conference. Pittsburgh, PA. (CT)

**Schell CJ**, Young JK, Lonsdorf EV, Mateo JM, Santymire RM. (2014). The proximate impacts of parental effects on investigative behaviors and physiology in coyotes (*Canis latrans*). 51st Annual Meeting of the Animal Behavior Society. Princeton, NJ. (CT)

**Schell CJ**, Young JK, Lonsdorf EV, Mateo JM, Santymire RM. (2013) Impact of novel scent stimuli on fecal glucocorticoid and androgen metabolites in mated coyote pairs (*Canis latrans*). 4th Annual International Society of Wildlife Endocrinology (ISWE) Conference, Lincoln Park Zoo, Chicago, IL. (CT)

**Schell CJ**, Young JK, Lonsdorf EV, Mateo JM, Santymire RM. (2013). Effects of biparental care on temperament development in coyote offspring (*Canis latrans*). 50th Annual Meeting of the Animal Behavior Society. Boulder, CO. (CT)

### *Invited academic & public seminars; speaking engagements (Academic = A; Public = P)*

#### **2023**

- Panelist for Mapping the Future: National Geographic Explorers on Geography, Community, and Change, hosted by National Geographic and North Star of GIS. (P)
- Homecoming lecture for the Alumni and Parents Weekend at Homecoming, hosted by the University of California Berkeley (<https://homecoming.berkeley.edu/event/cities-as-the-solution-to-the-biodiversity-crisis/>) (A)
- Speaker for the Institute for Biodiversity Science and Sustainability (IBSS) Seminar Series, hosted by the California Academy of Sciences (P)
- Rising Star Distinguished Ecologist Speaker for the GDPE graduate seminar (<https://ecology.colostate.edu/event/distinguished-ecologist-seminar-rising-star-christopher-schell/>) (A)
- Discover Cal panelist for the Being on Earth: Conservation and Climate Change public seminar (<https://discovercal.berkeley.edu/lectures/being-on-earth-climate-change-and-conservation/>) (A; P)
- Plenary Speaker for the Rituals of the City, 9<sup>th</sup> Annual SF Urban Film Festival, hosted by the San Francisco Exploratorium (P) (<https://cici.berkeley.edu/news/33-talk-baptiste-morizot-who-makes-earth-habitable-metaphysics-production-metaphysics-alliance>)
- Respondent for esteemed speaker Baptiste Morizot with the Center for Interdisciplinary Critical Inquiry (<https://tinyurl.com/2p9bdw78>) (A)
- Invited speaker for the Institute for Biodiversity Science and Sustainability (IBSS) Seminar, California Academy of Sciences (P)
- Department of Biology Ribble Seminar Series, hosted by the University of Kentucky (A)
- City of Oakland Town Hall Seminar, hosted by the City of Oakland (P)
- Nightlife invited seminar, hosted by the California Academy of Sciences (P)

#### **2022**

- Errington Lecture Series, hosted by the University of Iowa (A)
- Wild City: Science and Social Series, hosted by the Urban Wildlife Working Group of The Wildlife Society (A)
- Conservation Conversations seminar series, hosted by the Saint Louis Zoo (P)
- Department of Biology Seminar Series, Washington University in St. Louis (A)
- NightSchool seminar series, hosted by the Cal Academy of Sciences (P)
- Keynote speaker for Central Arizona-Phoenix (CAP) LTER All Scientists Meeting and Symposium (A)

- Field Museum Keynote Speaker Series, 2022 Black History Month (<https://youtu.be/mWULmomAzzY>) (P)

### **2021**

- Department of Biology Seminar series, University of Richmond (A)
- Department of Ecology and Evolutionary Biology Seminar Series, University of California Irvine. (A)
- National Socio-Environmental Synthesis Center (SESYNC) Seminar series. (A)
- Friday Harbor Labs seminar series, University of Washington (A)
- 30x30 Panel Discussion for the Virtual Breakthroughs Magazine Series, University of California Berkeley. (P)
- Inclusive IB seminar series, Department of Integrative Biology, University of California Berkeley (A)
- Department of Ecology and Evolutionary Biology Seminar Series, Princeton University (A)
- Portland Audubon Seminar Series. (P)
- Salem State Darwin Festival. (A)
- National Center for Ecological Analysis & Synthesis (NCEAS) Seminar Series. (A)
- Columbia University E3B Seminar Series. (A)
- Duke University UPE Seminar Series. (A)
- Swarthmore College Biology Departmental Seminar Series. (A)
- New York University Department of Biology Seminar Series. (A)
- Cal Poly Pomona College of Science Lecture Series. (A)

### **2020**

- University of California Santa Cruz Black Excellence Seminar Series (A)
- NightSchool seminar series, Cal Academy of Sciences (P)
- Department of Ecosystem Science & Sustainability Seminar Series, Colorado State University (A)
- The Department of Natural Resource Ecology and Management (NREM) Seminar Series, Iowa State University (A)
- The Conservation, Ecology, Evolution, & Behaviour (CEEB) Seminar Series, McGill University (A)
- School of Natural Resources Seminar Series, University of Nebraska (A)
- Lunch and Learn Public Talk, City of Seattle (P)
- WILD/Ecology Center 2020-2021 Seminar Series, Utah State University (A)
- Department of Environmental Science, Policy, and Management (ESPM) Seminar Series, University of California Berkeley (A)
- School of Life Science Seminar Series, Arizona State University (A)
- Department of Biology and the School of Environmental and Forestry Sciences, University of Washington (A)
- Alaska Airlines Environmental Justice Webinar (P)
- Pacific Science Center Happy Hour Virtual Planetarium (<https://youtu.be/cq0Vf07Z3ao>) (P)
- School of Aquatic and Fishery Sciences (SAFS) Quantitative Seminar Series, University of Washington.
- Reed College Biology Seminar Series. (A)
- Arizona State University School of Life Sciences (SOLS) Seminar Series (A)

### **2016-2019**

- Department of Biology Seminar Series, University of Washington Bothell (A)
- Building Green Justice Forum, Huston-Tillotson University (A)

- R.A.I.N. Superheroes of Science Seminar Series, University of Washington Tacoma (P)
- Department of Biology Seminar Series, University of Puget Sound (A)
- School of Environmental and Forest Sciences (SEFS) Fish and Wildlife Seminar Series, University of Washington (A)
- Grit City Think & Drink, University of Washington Tacoma (P)
- Department of Zoology and Physiology Brown Bag Seminar, University of Wyoming (A)
- School of Interdisciplinary Arts and Sciences Departmental Seminar, University of Washington-Tacoma (A)
- Emory Psychology Department Seminar Series (A)

## COLLABORATIVE RESEARCH ENGAGEMENTS

---

**California Urban Nature Alliance.** A multi-organizational coalition among the San Diego Natural History Museum, the Natural History Museums of Los Angeles County, California Academy of Sciences, and the University of California Berkeley (Schell Lab) to coordinate and enhance biodiversity and environmental equity research in San Diego, Los Angeles, and the San Francisco Bay Area. (2024-current).

**Reimagining San Francisco.** A diverse group of San Francisco community-based organizations, government agencies, nonprofits, and educational organizations committed to working on collaborative projects that center justice and equity while helping to build community and regenerate the natural world (<https://reimaginingsf.org/>). (2023-current)

**Thriving California Initiative.** A major California Academy of Sciences initiative that harnesses scientific data and mobilizes diverse communities to fight climate change, stop biodiversity loss, and advocate for nature in the Golden State (<https://www.calacademy.org/about-us/major-initiatives/thriving-california>). (2023-current)

**Urban Wildlife Information Network (UWIN).** The first global collaboration collecting urban wildlife data with the aim of making cities part of a solution to the biodiversity crisis. This research collective brings UWIN researchers, urban planners, and architects together to discuss the network's broader impact, research capacity, potential cross-disciplinary alliances, and more. Serve as a core member of the UWIN network (<https://urbanwildlifeinfo.org/>) (2015–Current)

**Central Arizona-Phoenix Long-Term Ecological Research Project.** The CAP-LTER is one of two (2) leading LTER programs funded by the National Science Foundation, focusing on social-ecological dynamics, human-wildlife interactions, and environmental justice in urban ecosystems. Serve as a faculty and team leader (for the CAP V initiative) (2020-current).

**Grit City Carnivore Project (GCCP).** A research partnership among University of Washington, Tacoma, Point Defiance Zoo & Aquarium, and MetroParks Tacoma to investigate the behavior, ecology, physiology, and genetics of urban carnivores in the Puget Sound region to mitigate human-wildlife conflict and promote coexistence. Serve as the principal investigator for the GCCP (2018-Current).

**Climate equity and environmental justice (CEEJ) working group.** Collaborative working group of faculty and researchers engaged in environmental and climate justice efforts. Serve as a faculty member on the team to help brainstorm and strategize future efforts on the campus as a collective. (2021-Current)

**California Biodiversity Network (CBN).** The CBN working group is a collective of faculty, researchers, practitioners, and others working toward improving, conserving, and protecting biodiversity in the state of California. The working group is part of the Pathways to 30x30 strategy for the state. Worked on multiple stewardship roundtables as a member to help strategize and brainstorm area where equity and biodiversity science coalesce. (2021-Current)

**RCN Urban Eco-Evo Member.** A research network to advance the study and understanding of eco-evolutionary dynamics in an urban planet (<https://www.urbanecoevo.net/network>). Serve as a participating member and contributor to the network (2019-Current)

## TEACHING

---

### *Current Teaching (University of California, Berkeley)*

**ESPM 189A: Urban ecology and evolution.** Upper-level ecology course to introduce students to urban ecological study, the history of studying the biology of cities, social-ecological dynamics and heterogeneity, and applications to urban conservation, wildlife management, and environmental justice. This is a lecture and lab-based course meeting 3x/week for associated lectures and field/computer-based labs.

**ESPM 257: Creative Writing in Environmental Science.** Graduate seminar providing a broad, introductory exploration to creative and environmental science writing. The course explores and workshops multiple literary genres – from poetry to creative fiction and nonfiction – as both a means of diversifying our writing craft and improving narrative structure in academic writing.

### *Past Teaching (University of Washington, Tacoma, University of Chicago, and Columbia University)*

**TESC 410 / TBIOMD 410.** Environmental Science / Biomedical Science Seminar. Upper-division course for graduating Environmental Science students, serving as the “capstone course”, which provides students continued knowledge and practice with building an effective CV, creating scientific abstracts and posters, and being effective disseminators and orators of their science.

**TBIOL 340: Ecology and its Applications.** Upper-division course in the Environmental Science program with the intent of helping students clearly communicate scientific ideas through writing, data presentation, public speaking, and visual computer models. This course is also designed to help students developed advances scientific skills integral to developing solutions toward environmental problems and participate in discussion about how ecological patterns and processes contribute to the contemporary environment.

**TBIOL 120: Introductory Biology I.** Part of the UW Tacoma Core Program for Environmental Science and Biomedical Sciences majors, this class is designed to lay a solid foundation of biological knowledge aimed at understanding the diversity of life on Earth. This course is also designed to prepare first-year students for upper division courses in the Science and Mathematics division, as well as provide non-major students with a wide-ranging experience of ecology and evolution. The course includes interactive lectures (i.e., video media, educational games, in-class lab activities), laboratory experiments, Excel projects, and a final group presentation, all of which complement each other to provide students a comprehensive experience of the biological sciences.

**TESC 200. Environmental Science Seminar.** This course is meant to provide students (both lower and upper-division students) experience in extracurricular intellectual discourse and exposure to current research in environmental science. Faculty, staff, and students gather weekly for presentations by researchers and students and discuss recent literature.

Served as a graduate teaching assistant for the **Animal Behavior** course at the University of Chicago (**EVOL 34900**; Instructor: Dr. Stephen Pruett-Jones) – 2013

Served as a graduate teaching assistant for the **Ecology and Conservation** course at the University of Chicago (**ENSC 24400**; Instructors: Drs. Cathy Pfister & Eric Larsen) – 2012

Served as a graduate teaching assistant for the **Mind I** course at the University of Chicago (**SOSC 14100**; Multiple Instructors) – 2011

Served as an undergraduate teaching assistant for the **Animal Behavior** course at Columbia University (**PSYC W1001**, Instructor: Sarah Woolley) – 2008

### Guest lectures

- Environmental Planning** (Instructor: Marina Alberti, University of Washington): guest lecture on urban planning, biodiversity, and social-ecological systems (Spring 2022)
- Urban Biodiversity** (Instructor: Sarah Benson-Amram, University of British Columbia): guest lecture on urban biodiversity, conservation, and eco-equitable design. (Spring 2022)
- Conservation Biology** (Instructor: Alex Moore, Princeton University): guest lecture on social-ecological systems, the luxury effect, and redlining (Fall 2021)
- Environmental Science Field Course** (Instructor: Dan Shugar, University of Calgary): guest lecture on the intersections of wealth, race, and wildlife in cities (Fall 2020 and Fall 2021)
- Urban Wildlife Management and Conservation** (Instructor: David Munoz, Penn State University): guest lecture on the influence of wildlife behavior and human-wildlife conflict in effective wildlife management strategies (Fall 2019)
- Cities, Ecology, and Evolution** (Instructor: Marina Alberti, UW Seattle): guest lecture on the urban evolutionary ecology of coyotes and raccoons (Summer 2019 and 2020)
- Intro to Urban Research (T URB 350)**; Instructor: Tracy Fuentes, UW Seattle): guest lecture on the application and implementation of ecological studies in cities (Fall 2018)
- Introduction to Literature and Environment (T LIT 237)**; Instructor: Ellen Bayer, UW Tacoma): guest lecture on science communication and the iNaturalist™ community-engaged research program, Grit City Carnivore Project. (Fall 2018)
- Animal Behavior (BZ 300)**; Instructor: Dr. Alisha Shah, Colorado State University): guest lecture on parenting and territoriality (Summers of 2017 and 2018)
- Comparative Animal Physiology (BZ 401)**; Instructor: Dr. Gregory Florant, Colorado State University): taught 2 lectures on behavioral endocrinology of vertebrates (2017)
- Animal Behavior & Conservation (BZ 430)**; Instructor: Dr. Lisa M. Angeloni, Colorado State University): guest lecture on animal personality and human-wildlife conflict (2017)

### ACADEMIC AND PROFESSIONAL SERVICE

---

- Cal Academy of Sciences Board Member.** Elected member of the Board of Trustees that works to advise and oversee critical science and community engagement activities at the Academy.
- Diversity, Equity, and Inclusion Committee Member** for the Department of Environmental Science, Policy, and Management at UC Berkeley. (2022-present)
- Associate Editor for *Elementa: Science of the Anthropocene* (UC Press).** Associate editor (as of June 2022) under the Ecology and Earth Systems division in the journal.
- Associate Editor for Behavioral Ecology (journal).** Associated editor (as of January 2023).
- Guest editor for Frontiers of Conservation Science.** Served as a guest editor for a special collection entitled *Global Urban Biodiversity and the Importance of Scale* (<https://www.frontiersin.org/research-topics/17030/global-urban-biodiversity-and-the-importance-of-scale>).
- Doris Duke Conservation Scholars Program (DDCSP) Board Member.** Invited board member for the Doris Duke program (UC Santa Cruz chapter), serving to help guide programmatic and mission aims with fellow board members. Service aimed at maintaining the health and longevity of the program by ensuring that we reach underrepresented scholars in ecology and conservation. Established an annual first-year scholars visit to UC Berkeley for immersive urban ecology and environmental justice experiences (2022-Present)

**Doris Duke Conservation Scholars Program (DDCSP), Earthlab & University of Washington.** Guest faculty panelist and researcher working with and hosting DDCSP scholars to conduct intensive field research under the Schell lab (2019-Present)

**Animal Behavior Society (ABS) Diversity Officer.** Currently serve as the first inaugural diversity officer for the Animal Behavior Society, a position meant to address issues of diversity, equity, inclusion, and justice throughout the society. (2021-present)

**Animal Behaviour Society (ABS) Diversity Committee.** Serve as a committee member for the ABS to develop workshops, plenaries, and symposia on increase representation, recruitment, and retention of diverse, marginalized groups into behavioral ecology and animal behavior disciplines. Recently co-organized a JEDI workshop for the 2021 ABS Virtual Meeting (2019-Current)

**Ecological Society of America (ESA), Black Ecologist Section:** Co-chair of the Black Ecologists Section. Co-chair with Dr. Matt McCary to organize events, workshops, retreats, and community building initiatives that amplify black voices in the ESA. (2021-present)

**30x30 California Natural Resources Agency (CNRA) Equity Advisory Panel.** Served as an invited speaker and panelist to address the importance of environmental equity and justice at the center of the 30x30 statewide initiative for conservation and sustainability. (2021-Present)

**Safer spaces panelist, hosted by Cornell University (2021).** Invited panelist to discuss creating safer environments and work spaces for persons of color in ecology, evolution, and the environmental sciences (2021)

**Q&A session with NSF Division of Environmental Biology.** Served as an invited speaker and panelist to talk about justice, equity, diversity, and inclusion (JEDI) initiatives and ideas for the National Science Foundation. (2020)

**Network for nature panel – Slipping through the cracks: Racism and the struggle for equity in the field of conservation.** Served on a panel with several other scholars of color to talk about the intersections of racial equity, conservation, and traditional ecological knowledge. Hosted by Woodland Park Zoo. <https://www.zoo.org/networkornature/events>

**Black Mammalogists Week.** Served as a panelist, contributor, and organizing committee member for the social media (i.e. Twitter) initiative promoting and amplifying Black mammalogists and scholars. Sponsored by the American Society of Mammalogists and National Geographic. <https://blackmammalogists.com/> (2020-2022)

### ***Student and postdoctoral mentorship***

#### **Current student/postdoctoral mentees**

Christine Wilkinson (UC Berkeley; postdoctoral fellow)	2021-present
Lauren A. Stanton (UC Berkeley; postdoctoral fellow)	2021-present
Elizabeth Carlen (Washington University of St. Louis; postdoctoral fellow)	2021-present
Phoebe Parker-Shames (UC Berkeley; postdoctoral fellow)	2022-2023
Cesar Estien (UC Berkeley; graduate student)	2021-present
Tyus Williams (UC Berkeley; graduate student)	2021-present
Summer Vance (UC Berkeley; graduate student)	2022-present
Alexis Flores (UC Berkeley; graduate student)	2022-present
Yasmine Hentati (UW Tacoma; graduate student)	2020-present
Tali Caspi (UC Davis; graduate student)	2020-present
Samantha Kreling (University of Washington; graduate student)	2021-present
Emily Zepeda (UC Davis; graduate student)	2020-2023
Emily Beam (University of Colorado, Boulder; graduate researcher)	2017-2020

#### **Past students**

Katie Adler (UC Berkeley; Senior Honors Thesis student)	2021-2023
Nicole Catangay (UC Berkeley; SPUR researcher)	2022-2023
Anna Zamboanga (UC Berkeley; SPUR researcher)	2022-2023
Wilson Sherman (UC Berkeley; Senior Honors Thesis student)	2021-2023
CeeCee Chen (UC Berkeley; URAP student)	2021-2022
Wendy Zamora (UC Berkeley; URAP student)	2021-2022
Alissandra Millan (UC Berkeley; URAP student)	2021-2022
Samuel Rivera (Doris Duke Conservation Scholar)	2022
Isa Salguero Cespedes (Doris Duke Conservation Scholar)	2022
Rashel Cazares (Doris Duke Conservation Scholar)	2022
Chanda Hanson (UW Tacoma; undergraduate researcher/capstone student)	2019-2021
Vanessa J. Garcia (UW Tacoma; undergraduate researcher/capstone student)	2018-2019
Kaley Egan (Colorado State University; undergraduate researcher)	2018-2021
Tasha Albrecht (UW Tacoma; undergraduate researcher/capstone student)	2019-2021
Megan E. Dyrek (UW Tacoma; undergraduate researcher/capstone student)	2019-2020
Kavi Rana (UW Tacoma; undergraduate researcher/capstone student)	2019-2020
Amanda L. Campos (UW Tacoma; undergraduate researcher/capstone student)	2018-2019
Riley E. Haizlip (UW Tacoma; undergraduate researcher/capstone student)	2019
Ariel R. Greenheck (UW Tacoma; undergraduate researcher/capstone student)	2018-2019
Zigeng Chen (Colorado State University, masters research technician)	2016-2018
Isabella Harris (Colorado State University, undergraduate research intern)	2016
Anna Slage (Colorado State University, undergraduate research intern)	2016-2018
Christopher Kopack (Colorado State University, PhD research technician)	2016-2018

### *Professional service*

**Lincoln Park Zoo's Partners in Fieldwork.** Served as an external reviewer for the Partners in Fieldwork (PiF) program to suggest areas for improvement and refinement in the existing curriculum. Worked alongside the Lincoln Park Zoo officials in the Urban Wildlife Institute and other departments.

**UW-Tacoma Biology Lecturer Search Committee and Ecotoxicology Candidate Participation.** Served as a core member of the hiring committee for the Biology Lecturer 2020-21 position. (2019-2020). Also helped with the Ecotoxicology search by attending seminars and meeting with the four candidates considered in the search.

**The Urban Wildlife Working Group (UWWG).** Elected as a core committee member for the urban wildlife working group, a specialized working group in The Wildlife Society (TWS) specifically centered to address research and solutions around urban ecology and evolution. (2019-2021)

**Crisis and Creativity: Global Challenges Research Team (In the beginning: of Species).** Co-organized and developed an interdisciplinary art installation and performative art piece blending biodiversity loss with media erasure techniques. The collaborative team working on the project (including Asst. Professor Ed Hall and Dr. Stewart Breck) was composed of ecologists, artists, novelists, journalists, and poets. The project was funded by the School of Global Environmental Sustainability at Colorado State University. (2017-2018)

**myCHOICE doctoral alumni panelist at the University of Chicago.** Participated as an alumni panelist for other graduate students in the biological sciences at the University of Chicago, centered on career paths and experiences beyond students' graduate school tenure (2016)

**Genomic of Adaptation to Human Contexts.** Co-organized a symposium at Colorado State University on the use of genomics in uncovering evolutionary processes in the face of human disturbance.

Symposium organization was also co-organized by Drs. Brook Moyers and Kathryn Turner. Funding for the symposium was provided by the Genetics Society of America (\$2,000). (2016)

**Peer-reviewer for the following journals.** Ecology; Science; Animal Behaviour; Ecology and Evolution; American Naturalist; Ecological Applications, Hormones and Behavior, Landscape and Urban Planning, Evolutionary Applications; Northeastern Naturalist; Journal of Mammalogy; Molecular Ecology; Journal of Urban Ecology; Behaviour; Behavioral Ecology, Behavioral Ecology and Sociobiology, PeerJ; Wildlife Society Bulletin; Frontiers in Ecology and Evolution; Journal of Urban Affairs; Elementa: Science of the Anthropocene; Ecology

**Member of the following scientific societies.** Animal Behaviour Society (ABS); International Society for Wildlife Endocrinologists (ISWE); The Wildlife Society (TWS); American Society of Naturalists (ASN); American Society of Mammalogists (ASM), Society of Conservation Biology (SCB)

## COMMUNITY ENGAGEMENT & OUTREACH

---

**Partners in Fieldwork, Lincoln Park Zoo.** Served as a faculty consultant for the education and outreach departments at Lincoln Park Zoo to provide a review of summer research engagement programs with the Urban Wildlife Institute. (2022)

**Penn State University Digital Lecture – Urban Wildlife Management and Human Dimensions.** Provided a digital lecture for upper-division students at Penn State University on human-wildlife conflict, and the intersection of social determinants and ecological predictors for resolving conflict and promoting coexistence.

**Metro Parks Tacoma Council Meeting.** Talks to the public and elected officials about the benefits of the Grit City Carnivore Project, its aims and goals, and the collaborative efforts of PDZA and the University of Washington, Tacoma. (2019)

**Zoo Society Luncheon.** Provided public talk and educational booth for the Tacoma public about the Grit City Carnivore Project and its importance to understanding wildlife and people in Pierce County. (Spring 2019)

**Paw'd Defiance: The UW Tacoma Podcast.** Interview and podcast episode (hosted by Maria Crisostomo, co-guest Dr. Uba Backonja) about the influence of Jurassic Park on career trajectories in the sciences. The podcast was made possible by funding from the UW Tacoma Strategic Initiative Fund; invited to contribute by Eric Wilson-Edge (2019)

**Sisterhood in the City.** Guest scientist for middle school-aged African American girls about urban wildlife in Tacoma, WA. Collaborated with Point Defiance Zoo & Aquarium in raising awareness of the benefits of wildlife in our backyards (2019)

**South Sound Sustainability Expo.** Participated as a representative of the Sciences and Mathematics Division at UW Tacoma to engage the public in research at the university, our overall mission in the School of Interdisciplinary Arts and Sciences, and actively involve attendants in wildlife ecology techniques (2019)

**Achieving Change in our Communities for Equity and Student Success (ACCESS) in STEM.** Participated as a mentor for first-year students (Amal Abukar, Heaven Denham) to be a resource in navigating the sciences at the University of Washington, Tacoma. (2018-2020).