

MYLA F. J. ARONSON

DEPARTMENT OF ECOLOGY, EVOLUTION AND NATURAL RESOURCES
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EDUCATION

Ph.D. 2007. Ecology and Evolution, Rutgers University, New Brunswick, NJ
M.S. 2002. Ecology and Evolution, Rutgers University, New Brunswick, NJ
B.S. 1998. Natural Resources, Cornell University, Ithaca, NY

PROFESSIONAL APPOINTMENTS

Current Appointments

Assistant Professor, 2023-present, Department of Ecology, Evolution and Natural Resources, Rutgers University, New Brunswick, NJ. *Courses:* Plant Ecology, Wetland Ecology, Urban Ecology, Urban Ecological Design for Climate Change.
Assistant Teaching Professor, 2016-2023, Department of Ecology, Evolution and Natural Resources, Rutgers University, New Brunswick, NJ. *Courses:* Plant Ecology, Wetland Ecology, Urban Ecology, Urban Ecological Design for Climate Change.
Director, Hutcheson Memorial Forest Center, 2018-present, Department of Ecology, Evolution and Natural Resources, Rutgers University, New Brunswick, NJ
Co-Leader, Buell Small Succession Study, 2020-present
Member, Ecology & Evolution Graduate Program, 2014-present, Rutgers University, New Brunswick, NJ
Member, Environmental Sciences Graduate Program, 2022-present, Rutgers University, New Brunswick, NJ
Member, Master of Landscape Architecture Graduate Program, 2022-present, Rutgers University, New Brunswick, NJ
Affiliated Faculty, Center for Urban Environmental Sustainability, Rutgers University, New Brunswick, NJ

Past Appointments

Research Coordinator, Hutcheson Memorial Forest Center, 2016-2018, Department of Ecology, Evolution and Natural Resources, Rutgers University, New Brunswick, NJ
Associate Editor-in-Chief, 2012-2018, *Ecological Restoration*, Department of Ecology, Evolution and Natural Resources, Rutgers University, New Brunswick, NJ
Research Scientist, 2012-2016, Department of Ecology, Evolution and Natural Resources, Rutgers University, New Brunswick, NJ
Assistant Professor, 2009-2012, Department of Biology, Hofstra University, Hempstead, NY
Visiting Assistant Professor, 2006-2009, Department of Biology, Luther College, Decorah, IA
Postdoctoral Research Associate, 2007-2008, Department of Horticulture, University of Minnesota, St. Paul, MN

AWARDS & HONORS

International Association for Landscape Ecology North America Outstanding Paper Award in Landscape Ecology 2024: *Collections of small urban parks consistently support higher species richness but not higher phylogenetic or functional diversity.*
Ecological Society of America 2022 Sustainability Science Award for best paper in sustainability science: *Biodiversity in the City: Key Challenges for Urban Green Space Management.*
Honor Award, Communications, American Society of Landscape Architects, 2015. *Ecological Restoration Journal: A New Platform for Dialogue Between Landscape Architects and Ecologists.*
Top 30 papers “deemed most important in furthering the field of wetland science” in 30 years of the journal *Wetlands*, 2011: *Long-Term Vegetation Development of Restored Prairie Pothole Wetlands.*

PUBLICATIONS Google Scholar citations = 5869, H-index = 25

Underlined names indicate undergraduate or graduate student authors.

Peer-Reviewed Publications

- 51 Nilon, CH, **MFJ Aronson**, eds. 2024. *Routledge Handbook of Urban Biodiversity*. Routledge Press, Abingdon, UK.
- 50 Nilon, CH, **MFJ Aronson**. 2024. Introduction to the Routledge Handbook of Urban Biodiversity. Pages 1-6 in CH Nilon, MFJ Aronson, editors, *Routledge Handbook of Urban Biodiversity*. Routledge Press, Abingdon, UK.
- 49 **Aronson, MFJ**, C Lepczyk, K Evans. 2024. Community assembly and filtering of urban ecosystems. Pages 85-97 in CH Nilon, MFJ Aronson, editors, *Routledge Handbook of Urban Biodiversity*. Routledge Press, Abingdon, UK.
- 48 O'Neill, KM, **MFJ Aronson**, CH Nilon, *et al.* 2024. Cities are Planning for Biodiversity: A global survey of city plans. Pages 361-378 in CH Nilon, MFJ Aronson, editors, *Routledge Handbook of Urban Biodiversity*. Routledge Press, Abingdon, UK.
- 47 Magle, S, M Fidino, L Lehrer, T Magle, **MFJ Aronson**. 2023. Conservation Through Multi-City Ecological Networks. Pages xx-xx in M Lambert, C Schell, editors, *Urban Biodiversity and Equity*. Oxford University Press.
- 46 La Sorte, FA, B Zuckerberg, CA Lepczyk, **MFJ Aronson**, KG Horton. 2023. Biomass burning in the Neotropics is exposing migrating birds to elevated fine particulate matter concentrations. *Global Ecology and Biogeography* 32:2135-2152.
- 45 *La Sorte, FA, JAG Clark, CA Lepczyk, **MFJ Aronson**. 2023. Collections of small urban parks consistently support higher species richness but not higher phylogenetic or functional diversity. *Proceedings of the Royal Society B* <https://doi.org/10.1098/rspb.2023.1424>
***International Association for Landscape Ecology North America Outstanding Paper Award in Landscape Ecology 2024**
- 44 Hahs, AK, B Fournier, **MFJ Aronson**, *et al.* 2023. Urbanisation generates multiple trait syndromes for terrestrial taxa worldwide. *Nature Communications* 14:4751.
- 43 Lepczyk, C, **MFJ Aronson**, FA La Sorte. (2023). Cities as sanctuaries. *Frontiers in Ecology and the Environment* 21:251-259.
- 42 Schmidt, RJ, MR King, **MFJ Aronson**, L Struwe. 2023. Hidden cargo: The impact of historical shipping trade on the recent-past and contemporary non-native flora of northeastern United States. *American Journal of Botany* 110:e16224.
- 41 McDonald, RI, **MFJ Aronson**, T Beatley, E Beller, M Bazo, R Grossinger, K Jessup, AV Mansur, JA Puppim de Oliveira, S Panlasigui, N Pevzner, D Shanahan, L Stoneburner, A Rudd, E Spotswood. (2023). Denser and greener cities: Green interventions to achieve both urban density and nature. *People and Nature* 5:84-102. <https://doi.org/10.1002/pan3.10423>
- 40 La Sorte, FA, **MFJ Aronson**, CA Lepczyk. 2022. Light pollution enhances ground-level exposure to airborne toxic chemicals for nocturnally migrating passerines. *Global Change Biology* 29:57-68. <https://doi.org/10.1111/gcb.16443>
- 39 Rega-Brodsky, CC, **MFJ Aronson**, MR Piana, E-S Carpenter, AK Hahs, A Herrera-Montes, S Knapp, DJ Kotze, CA Lepczyk, M Moretti, AB Salisbury, NSG Williams, K Jung, M Katti, I MacGregor-Fors, JS MacIvor, FA La Sorte, V Sheel, CG Threlfall, CH Nilon. 2022. Urban biodiversity: State of the science and future directions. *Urban Ecosystems* 25:1083–1096
- 38 La Sorte, FA, **MFJ Aronson**, CA Lepczyk, K. Horton. 2022. Assessing the combined threats of artificial light at night and air pollution for the world's nocturnally migrating birds. *Global Ecology and Biogeography* 31:912-924.
- 37 Potgieter, LJ, **MFJ Aronson**, AJ Brandt, CN Cook, M Gaertner, NE Mandrak, DM Richardson, N Shrestha, MW Cadotte. 2022. Prioritization and thresholds for managing biological invasions in urban ecosystems. *Urban Ecosystems* 25:253-271.
<https://link.springer.com/article/10.1007/s11252-021-01144-0>
- 36 Piana, MR, RA Hallett, ML Johnson, N Falxa Sonti, L Brandt, **MFJ Aronson**, M Ashton, M Blaustein, D Bloniarz, A Bowers, M Carr, V D'Amico, L DeWald, H Dionne, D Doroski, R Fahey, H Forgione, T Forrest, J Hale, E Hansen, L Hayden, S Hines, J Hoch, T Ietaka, SB

- Lerman, C Murphy, E Nagele, K Nislow, D Parker, C Pregitzer, L Rhodes, J Schuler, A Sherman, TLE Trammell, B Wienke, T Witmer, T Worthley, I Yesilonis. 2021. Climate adaptive silviculture for the city: Practitioners and researchers co-create a framework for studying urban oak-dominated mixed hardwood forests. *Frontiers in Ecology and Evolution*: <https://doi.org/10.3389/fevo.2021.750495>
- 35 *Knapp, S, **MFJ Aronson**, E-S Carpenter, A Herrera-Montes, K Jung, DJ Kotze, FA La Sorte, CA Lepczyk, I Mac-Gregor-Fors, JS MacIvor, M Moretti, CH Nilon, MR Piana, CC Rega-Brodsky, AB Salisbury, CG Threlfall, C Trisos, NSG Williams, AK Hahs. 2021. A research agenda for urban biodiversity in the global extinction crisis. *BioScience* 71:268-279. ***Editor's Choice**
- 34 Spotswood, EN, EE Beller, R Grossinger, JL Grenier, NE Heller, **MFJ Aronson**. 2021. The biological deserts fallacy: Cities in their landscapes contribute more than we think to regional biodiversity. *BioScience* 71:148-160.
- 33 Piana, MR, RA Hallett, **MFJ Aronson**, E Conway, SN Handel. 2021. Natural regeneration in urban forests is limited by early-establishment dynamics: Implications for management. *Ecological Applications* 31:e02255. <https://doi.org/10.1002/eap.2255>.
- 32 Kuras, E, J Zinda, S Cilliers, **MFJ Aronson**, R Winkler, P Warren. 2020. Urban socioeconomic inequality and biodiversity often converge by not always: A global meta-analysis. *Landscape and Urban Planning* 198:103799.
- 31 La Sorte, F, **MFJ Aronson**, C Lepczyk, K Horton. 2020. Area is the primary correlate of annual and seasonal patterns of avian species richness in urban green spaces. *Landscape and Urban Planning* 203:103892. <https://doi.org/10.1016/j.landurbplan.2020.103892>.
- 30 Pearson, KD, G Nelson, **MFJ Aronson**, P Bonnet, ER Ellwood, H Goëau, JM Heberling, T Lorieul, SJ Mazer, EK Meineke, BJ Stucky, P Sweeney, AE White, PS Soltis. 2020. Machine learning using digitized herbarium specimens to advance phenological research. *BioScience* 70:610-620.
- 29 Johnson, LR, ML Johnson, **MFJ Aronson**, LK Campbell, ME Carr, M Clarke, V D'Amico, L Darling, T Erker, RT Fahey, KL King, K Lautar, DH Locke, AT Morzillo, S Pincetl, L Rhodes, JP Schmit, L Scott, NF Sonti. 2020. Conceptualizing social-ecological drivers of change in urban forest patches. *Urban Ecosystems* 24:633-648. <https://doi.org/10.1007/s11252-020-00977-5>.
- 28 Handel, SN, MS Meixler, **MFJ Aronson**, CMK Kaunzinger, JN Epiphan, J Gurevitch. 2020. Restoration of Jamaica Bay fringing habitats: Post-Sandy status and new approaches for a resilient future. Natural Resource Report NPS/NCBN/NRR—2020/XXXX. National Park Service, Fort Collins, Colorado.
- 27 Zambrano, L, **MFJ Aronson**, T Fernandez. 2019. The consequences of landscape fragmentation on socio-ecological patterns in a rapidly developing urban area: A case study of the National Autonomous University of Mexico. Special issue: "Sustainability Challenges for Our Urban Futures" *Frontiers in Environmental Science* doi: 10.3389/fenvs.2019.00152.
- 26 Frazer, LJ, **MFJ Aronson**, J Kattge, L Struwe 2019. Hardscape floristics: Functional and phylogenetic diversity of parking lot plants. *Applied Vegetation Science* 22:573-581.
- 25 *Piana, MR, **MFJ Aronson**, STA Pickett, SN Handel. 2019. Plants in the city: Understanding plant recruitment dynamics in the urban landscape. *Frontiers in Ecology and the Environment* 17:455-463. <https://doi.org/10.1002/fee.2098> ***Cover Article**
- 24 *Rivkin, LR, JS Santangelo, M Alberti, **MFJ Aronson**, CW de Keyzer, SE Diamond, M-J Fortin, LJ Frazer, AJ Gorton, AP Hendry, Y Liu, JB Losos, JS MacIvor, RA Martin, MJ McDonnell, LS Miles, J Munshi-South, RW Ness, AEM Newman, MR Stothart, P Theodorou, KA Thompson, BC Verrelli, A Whitehead, KM Winchell, MTJ Johnson. 2019. A roadmap for urban evolutionary ecology. *Evolutionary Applications* 12:384-398. *ESI Highly Cited Paper
- 23 Tartaglia, ES, **MFJ Aronson**, J Raphael. 2018. Does suburban horticulture influence plant invasions on the suburban/wildland interface? *Natural Areas Journal* 38: 259-267.
- 22 Sorensen, AE, RC Jordan, G Blaise, J Brown, LK Campbell, **MFJ Aronson**, ML Johnson. 2018. Drivers of public participation in restoration stewardship programs: Linkages between

- environmental identity and knowledge, and motivations. *Arboriculture & Urban Forestry* 44:266-282.
- 21 La Sorte, FA, CA Lepczyk, **MFJ Aronson**, MA Goddard, M Katti, I MacGregor-Fors, U Mörtberg, CH Nilon, PS Warren, NSG Williams, J Yang. 2018. The phylogenetic and functional diversity of regional breeding bird assemblages is reduced and constricted through urbanization. *Diversity and Distributions* 24: 928-938.
 - 20 **Aronson, MFJ**, MR Piana, JS MacIvor, CC Pregitzer. 2018. Management of plant diversity in urban green spaces. In A Ossola and J Niemelä (eds), *Urban Biodiversity: From Research to Practice*. Taylor & Francis.
 - 19 **Aronson, MFJ**, MV Patel, K O’Neill, JG Ehrenfeld. 2017. Urban riparian systems function as corridors for both native and invasive plant species. *Biological Invasions* 12: 3645-3657. Special issue on Urban Invasions.
 - 18 *Dolan, RW, **MFJ Aronson**, AL Hipp. 2017. Floristic response to urbanization: Filtering of the bioregional flora in Indianapolis, Indiana, USA. *American Journal of Botany* 104: 1179-1187. ***Cover Article**
 - 17 *†‡Lepczyk, CA, **MFJ Aronson**, et al. 2017. Biodiversity in the city: Fundamental questions for understanding the ecology of urban green spaces for biodiversity conservation. *BioScience* 9:799-807. <https://doi.org/10.1093/biosci/bix079>. ***Editor’s Choice, †Cover Article, ‡ESI Highly Cited Paper**
 - 16 *†‡§**Aronson, MFJ**, CA Lepczyk, et al. 2017. Biodiversity in the city: Research priorities and knowledge gaps for urban green space planning and management. *Frontiers in Ecology and the Environment* 15:189-196. <https://doi.org/10.1002/fee.1480> ***ESI Highly Cited Paper, †Environmental Justice in Ecological Research article collection, ‡Top 10 most read in Front Ecol Env §2022 ESA Sustainability Science Award**
 - 15 Nilon, C, **MFJ Aronson**, S Cilliers, C Dobbs, L Frazee, MA Goddard, D Roberts, EK Stander, P Werner, KP Yocom. 2017. Planning for the future of urban biodiversity: A global review of city-scale initiatives. *BioScience* 67:332-342.
 - 14 Lepczyk, CA, F La Sorte, **MFJ Aronson**, M Goddard, I MacGregor-Fors, CH Nilon, P Warren. 2017. Global patterns and drivers of urban bird diversity. In M Hedblom and E Murgui (eds), *Ecology and Conservation of Birds in Urban Environments*. Springer.
 - 13 **Aronson, MFJ**, CH Nilon, et al. 2016. Hierarchical filters determine community assembly of urban species pools. *Ecology* 97(11): 2952-2963.
 - 12 Koncki, NG, **MFJ Aronson**. 2015. Invasion risk in a warmer world: Modeling range expansion and habitat preferences of three non-native aquatic invasive plants. *Invasive Plant Science and Management* 4:236-449.
 - 11 Hagmann, DF, NM Goodey, C Mathieu, J Evans, **MFJ Aronson**, F Gallagher, JA Krumins. 2015. Effect of metal contamination on microbial enzymatic activity in soil. *Soil Biology and Biochemistry* 91:291-297.
 - 10 **Aronson, MFJ**, SN Handel, SE Clemants, IP LaPuma. 2015. Urbanization promotes non-native woody species and diverse plant assemblages in the New York metropolitan region. *Urban Ecosystems* 18:31-45.
 - 9 *†‡**Aronson, MFJ**, FA La Sorte, CH Nilon., et al. 2014. A global analysis of the impacts of urbanization on bird and plant diversity reveals key anthropogenic drivers. *Proceedings of the Royal Society B* 281: 20133330. ***Chosen as a Community Choice Research Highlight, “most viewed papers in science” in Nature, April 2014 Volume 508. †featured in many popular and scientific media outlets ‡ESI Highly Cited Paper**
 - 8 La Sorte, FA, **MFJ Aronson**, NS Williams, et al. 2014. Beta diversity of urban floras among European and non-European cities. *Global Ecology and Biogeography* 23:769-779.
 - 7 Bennington, JB, **MFJ Aronson**. 2012. Reconciling Paleontological and neontological data: Issues of scale, taxonomy, and taphonomy. In: Louys, J (ed) *Palaeontology in Ecology and Conservation*. Springer.
 - 6 **Aronson, MFJ**, SN Handel. 2011. Deer and Invasive species suppress forest herbaceous communities and canopy tree regeneration. *Natural Areas Journal* 31:400-407.

- 5 ***Aronson, MFJ**, S Galatowitsch. 2008. Long-term vegetation development of restored prairie pothole wetlands. *Wetlands* 28(4): 883-895.
*Chosen as one of the top 30 papers “deemed most important in furthering the field of wetland science” in 30 years of the journal *Wetlands*.
- 4 Baiser, B, JL Lockwood, D La Puma, **MFJ Aronson**. 2008. A perfect storm: Two ecosystem engineers interact to degrade deciduous forests of New Jersey. *Biological Invasions* 10(6): 785-795.
- 3 **Aronson, MFJ**, SN Handel, SE Clemants. 2007. Fruit type, life form, and origin determine the success of woody plant invaders in an urban landscape. *Biological Invasions* 9(4): 465-475.
- 2 **Aronson, MFJ**, CA Hatfield, JM Hartman. 2004. Plant community patterns of low-gradient forested floodplain wetlands in a New Jersey urban landscape. *Journal of the Torrey Botanical Club* 131(3): 232-242.
- 1 Hatfield, CA, PW Ryan, **MF Johnson**, JM Hartman. 2002. Assessing the feasibility of using hydrogeomorphic wetlands assessment in New Jersey – Riverine forest example. Department of Environmental Protection, Trenton, New Jersey.

Publications in Review or Preparation

- Darling, L, DH Locke, CR Rollinson, JP Schmit, RT Fahey, AT Morzillo, ML Johnson, LR Johnson, M Baker, NF Sonti, **MFJ Aronson**, BS Hardiman (*in 2nd review*) Ecological and developmental history impacts the equitable distribution of services. *Frontiers in Ecology and the Environment*
- Lee, KJ, **MFJ Aronson**, JAG Clark, F-A Hoover, HE Joo, P Kremer, D La Rosa, KL Larson, CA Lepczyk, SB Lerman, DH Locke, CH Nilon, H Pearsall, T Vargo. (*in 2nd review*) Limitations of Existing Park Quality Instruments and Suggestions for Future Research. *Landscape and Urban Planning*
- Joo, HE, **MFJ Aronson**, JAG Clark, Peleg Kremer. (*in review*) Socio-Environmental Drivers of Human-Nature Interactions in Urban Green Spaces. *Urban Ecosystems*
- Schmit, JP, L Johnson, M Baker, L Darling, R Fahey, D Locke, A Morzillo, NF Sonti, TE Trammell, **MFJ Aronson**, M Johnson. (*in 2nd review*) The influence of urban and agricultural landscape context on forest diversity and structure across ecoregions. *Ecological Applications*
- Winkler RL, JAG Clark, DH Locke, Peleg Kremer, **MFJ Aronson**, F-A Hoover, HE Joo, D La Rosa, KJ Lee, SB Lerman, H Pearsall, TLV Vargo, CH Nilon, CA Lepczyk. (*in review*) Beyond Proximity: Unequal access to social, environmental, and health amenities in US urban parks. *Nature Cities*
- MacIvor, JS, BV Iannone III, **MFJ Aronson**, CW de Keyzer, CR Firkowski, M-J Fortin, M Gaertner, C Hui, C-M. Leong, E.S. Minor, A.S. Mori, D. Ngwenya, MA Nuñez, A Pauchard, LJ Potgieter, N. Sookhan, L. Trotta, T.P.N. Tsang, G. Xie, M.W. Cadotte. (*in prep*) A replicable framework for assessing invasion risk of urban green spaces. *Landscape and Urban Planning*
- Piana, MR, **MFJ Aronson**, RA Hallett, SN Handel. (*in prep*) Native tree recruitment in urban and rural forests: differences in seed and establishment limitation as barriers to natural regeneration. *Forest Ecology and Management*
- Piana, MR, MFJ Aronson, J Brown, SN Handel. (*in prep*) Evidence of functional shifts in urban ecology: temporal dynamics of post-dispersal seed removal in urban and rural forests. *Ecology Letters*
- Do, S, L Johnson, L Frazee, J Sullivan, **MFJ Aronson** (*in prep*) Ecological restoration drives long-term change in functional composition and diversity in urban forest patches. *Urban Ecosystems*
- Aronson, MFJ**, MR Piana, J Brown, SN Handel. (*in prep*) The challenge of conserving an old-growth suburban forest: Stress and vegetation change over 70 years in the Hutcheson Memorial Forest, New Jersey. *Conservation Biology*

Public Writing

- Aronson, MFJ**. 2019. In Memory of Erin K. Espeland. *Ecological Restoration* 37:139.
- Aronson, MFJ**. 2015. A threatened old forest tells a story relevant to every urban forest. The Nature of Cities. <http://www.thenatureofcities.com/2016/03/31/a-threatened-old-forest-tells-a-story-relevant-to-every-urban-forest/>

- Aronson, MFJ.** 2015. Global Round Table: 10 scientists and 10 practitioners walk into a bar...what would they talk about? How can research and knowledge generation be co-created to better support practitioners and evidence-based decision making? *The Nature of Cities*.
<http://www.thenatureofcities.com/2015/06/30/10-scientists-and-10-practitioners-walk-into-a-bar-what-would-they-talk-about-how-can-research-and-knowledge-generation-be-co-created-to-better-support-practitioners-and-evidence-based-decisi/>
- Aronson, MFJ,** SN Handel. 2013. Designing a grassland estate, cultivating biodiversity. *Ecological Restoration* 31:212-216.
- Aronson, MFJ.** 2013. Status and challenges of grassland restoration in the United States. *Ecological Restoration* 31:119.
- Aronson, MFJ.** 2012. Restoring Native Communities. Pages 44-49 in *A Native Plants Reader*. Brooklyn Botanic Garden: Brooklyn, NY.

GRANTS & FELLOWSHIPS (2011-present)

Pending

- Cook, E (PI), **MFJ Aronson** (co-PI), C Dobbs (co-PI), M. Rodríguez González (co-PI). NSF DISES: People and nature: Dynamics among biodiversity, ecosystem services, and relational values of nature for equitable urban social-ecological systems. \$501,680.
- MFJ Aronson** (PI). NSF Collaborative Research: DEB ES: Can oaks handle the heat? Quantifying adaptive capacity, physiological drivers, and trophic interactions in a changing climate. \$360,328

Funded

- Aronson, MFJ,** ES Tartaglia, M Allen. Manahawkin Wetland Restoration Monitoring. NJ Department of Environmental Protection. \$57,435.
- Aronson, MFJ.** Plant adaptation and evolutionary ecology in urban landscapes for application to landscape design. 2021-2023. Rutgers Global, \$5000.
- Aronson, MFJ,** L Zambrano Gonzalez. Urban Ecological Design for Climate Change Resilience. Rutgers Global Virtual Exchange Course, \$1500.
- Trammell, TLE (PI), R. Hallett (co-PI), M Piana (co-PI), **MFJ Aronson** (project partner), *et al.* Silviculture in the city: advancing urban and climate adapted management strategies for forested natural areas in the Northeastern US through science and training. *Urban Community Forestry Cost-Share Program, USDA Forest Service*. 2021-2024.
- Aronson, MFJ** (PI). Silvicultural strategies for accelerated forest gap closure impeded by invasive plant and pest species. *McIntire-Stennis Cooperative Forestry Program*. Jan 2021-Sept 2024. \$82,259 USD.
- Aronson, MFJ** (PI), NSG Williams. University of Melbourne, Faculty of Science, Albert Shimmins International Faculty Fellowship. 2019. \$14,000 USD.
- Skema, S, L Struwe, **MFJ Aronson** (co-PI), *et al.* Collaborative Research: Digitization TCN: The Mid-Atlantic Megalopolis: Achieving a greater scientific understanding of our urban world. *National Science Foundation*. 2016-2020. \$1,500,000.
- Handel, SN, **MFJ Aronson** (co-PI). 69 years of forest dynamics at the Hutcheson Memorial Forest: Is the past prologue? *McIntire-Stennis Cooperative Forestry Program*. July 2016-June 2019. \$60,000 USD.
- Handel, SN, C Kaunzinger, **MFJ Aronson** (co-PI), M Meixler. Restoration of Jamaica Bay fringing habitats: post-Sandy status and new approaches for a resilient future. *National Park Service*. November 2014-October 2016. \$482,920 USD.
- Aronson, MFJ** (PI), C Nilon (PI), PS Warren, T Parker, C Lepczyk. Collaborative Research: RCN: UrBioNet: A global network for urban biodiversity research and practice. *National Science Foundation*. 2014-2021. \$500,000 USD.
- Aronson, MFJ** (PI), C Nilon (PI). Ecological and social linkages among biodiversity, ESS, and environmental policy and management in the world's cities. Working group, *National Socio-Environmental Synthesis Center, German Centre for Integrative Biodiversity Research, and The Helmholtz Centre for Environmental Research*. 2014-2015.

- Handel, SN, **MFJ Aronson** (co-PI). Improving forest resilience in response to critical ecological stressors: deer, invasive plant species, and climate change. New Jersey Agricultural Experiment Station *USDA-NIFA McIntire-Stennis Forestry Research Program*. 2013-2016. \$60,000 USD.
- Aronson, MFJ** (PI), J Raphael. The role of suburban horticulture in structuring plant invasions in natural areas on the suburban/wildland interface at William Floyd Estate, Fire Island National Seashore. *LISSMA, NYS Department of Environmental Conservation*. 2014-2015. \$12,711 USD.
- Krumins, JA, **MFJ Aronson**. Role of Plant and Soil Community Structure in Riparian Soil Nutrient Retention. *Barnegat Bay Partnership, EPA*. July 2012-December 2014. \$47,915 USD.
- Ehrenfeld, JG, K O'Neill, **MFJ Aronson** (co-PI), Kirk R Barrett, NH Fefferman, RL Shwom. ULTRA-EX: Connectivity Along Urban Rivers: A Keystone Process for Urban Ecosystems. *National Science Foundation, Behavior and Cognitive Science, Long Term Ecological Research Program*, September 2009-March 2013, \$299,886 USD.
- Aronson, MFJ** (PI), M Katti, C Nilon, P Warren. Comparative ecology of cities: What makes an urban biota "urban"? Working group, *National Center for Ecological Analysis and Synthesis*, January 2010-January 2011. \$87,000 USD.
- Aronson, MFJ** (PI), J DiAngelo. *LICOR LEEF Ecophysiology package*. May 2011, \$49,000 USD.
- Aronson, MFJ**. Potential range expansion of non-native aquatic invasive plants and assessing the effects of these species on native habitats in the New York metropolitan area. Hofstra University HCLAS Faculty Research and Development Grant, 2011, \$1,200 USD.

PRESENTATIONS

Keynotes & Invited Lectures (2013-present only)

- Urban Resilience and Environmental Crises in Latin America. 2024
- Sixth Annual New York City EcoFlora Conference: The future of New York City's Flora: Threats and Opportunities.
- Department of Biology, Indiana University, Bloomington. 2023
- Department of Ecology and Evolution, Stony Brook University, 2022
- Virtual Science Café Series, School for Environmental and Biological Sciences, Rutgers University, 2021.
- Science on Tap Saratoga, Sustainable Saratoga, City of Saratoga Springs, NY, 2021.
- Technische Universität Berlin, 2021.
- Department of Wildlife Ecology and Conservation, University of Florida, 2020
- Cornell University, School for Integrative Plant Sciences, November 2019
- University of Melbourne, Faculty of Sciences, Australia, August 2019
- Cary Institute of Ecosystem Studies, November 2018
- Southern Connecticut State University, Depts. Psychology and Biology, April 2018
- Ryder University, Dept. Biology, February 2018
- North Carolina State University, Dept. Applied Ecology, February 2018
- Binghamton University, Dept. Biology Seminar Series, October 2017
- University of Pittsburgh, Dept. Biology Seminar Series, October 2017
- Invited speaker: New Jersey Chapter of the American Society of Landscape Architects, March 2017.
- Keynote: Joint conference of the Society for Ecological Restoration Australasia and the New Zealand Ecological Society, 19-23 November 2016.
- Non-native species in urban environments: patterns, processes, impacts and challenges, Center for Invasion Biology, Stellenbosch University, South Africa, November 2016.
- Keynote: New England Chapter of the Society of Ecological Restoration, October 2016.
- North Dakota State University, Dept. Biology Seminar Series, April 2016
- Auburn University, School of Forestry and Wildlife Sciences Seminar Series, September 2015
- Chicago Plant Science Symposium, The Field Museum, April 2015.
- Keynote: Special Lecture for the Friesner Herbarium Annual Open House, Butler University, 2014.
- Biodiversity in Urban Parks: Learning from the 2013 Central Park BioBlitz Symposium, 2014.
- Rutgers University Ecology and Evolution Graduate Program Seminar Series, 2013.
- Keynote: The Bonnie Lustigman Symposium and Awards Presentation, Montclair University, 2013

The Ecology of New York City Symposium, Columbia University, 2013.

Conference Presentations

- Gigliotti, SE, MR Piana, RA Hallet, **MFJ Aronson**. The effects of pre-planting treatment strategies on understory vegetation in urban forest patches. Contributed Oral Session Presentation, Ecological Society of America 108th Annual Meeting, Portland, OR August 6-11, 2023.
- Joo, HE, P. Kremer, JA Brown, **MFJ Aronson**. Socio-Environmental Drivers of Human-Nature Interaction in Urban Green Spaces: A case of New York City. Contributed Oral Session Presentation, Ecological Society of America 108th Annual Meeting, Portland, OR August 6-11, 2023.
- Schmit, JP, L Johnson, M Baker, L Darling, R Fahey, D Locke, ATT Morzillo, **MFJ Aronson**, M Johnson. Forest patches in urban and agricultural landscapes have lower tree diversity, more non-native trees, and altered forest structure across cities and ecoregions. Contributed Oral Session Presentation, Ecological Society of America 108th Annual Meeting, Portland, OR August 6-11, 2023.
- Aronson, MFJ**, CH Nilon, M Ignatieva, N Muller. URBIO (International Network for Urban Biodiversity and Design) as an important tool for protecting and reinforcing biodiversity in cities and towns. Poster Presentation, Ecological Society of America 108th Annual Meeting, Portland, OR August 6-11, 2023.
- Lerman, SB, JP Cubino, MA Goddard, CA Lepczyk, **MFJ Aronson**, CH Nilon. From yards to cities: scaling up management for biodiversity conservation. Contributed Oral Session Presentation, Ecological Society of America 108th Annual Meeting, Portland, OR August 6-11, 2023.
- Brown, JA, Winkler RL, DH Locke, Peleg Kremer, **MFJ Aronson**, F-A Hoover, HE Joo, D La Rosa, SB Lerman, CA Lepczyk, CH Nilon, H Pearsall, TLV Vargo. Beyond Accessibility: Inequity among socio-demographic groups in park access, amenities, and ecosystem service benefits. Contributed Oral Session Presentation, Ecological Society of America 108th Annual Meeting, Portland, OR August 6-11, 2023.
- Potgieter, L, **MFJ Aronson**, AJ Brandt, CN Cook, M Gaertner, NE Mandrak, DM Richardson, N Shrestha, MW Cadotte. What drives decisions to manage invasive species in urban ecosystems? Inspire Session, Ecological Society of America 107th Annual Meeting, Montreal, Canada, August 14-19, 2022.
- Fournier, B, AK Hahs, **MFJ Aronson**, CH Nilon, A. Herrera-Montes, A Salisbury, CG Threlfall, CC Rega-Brodsky, FA La Sorte, I MacGregor-Fors, JS MacIvor, K Jung, NSG Williams, S Knapp, CA Lepczyk, J Kotze, M Moretti. Urbanisation globally reduces functional diversity across multiple taxa. Contributed Oral Session Presentation, Ecological Society of America 107th Annual Meeting, Montreal, Canada, August 14-19, 2022.
- Aronson, MFJ**, LR Johnson, ML Johnson, ME Baker, L Darling, RT Fahey, DH Locke, JP Schmit, NF Sonti. Functional traits of urban forest patch vegetation across multiple gradients of urbanization intensity. Organized Oral Session Presentation, Ecological Society of America 106th Annual Meeting, Virtual, August 11-16, 2021.
- Johnson, LR, ML Johnson, JP Schmit, L Darling, DH Locke, ME Baker, RT Fahey, NF Sonti, **MFJ Aronson**. Macro-scale analysis of forest patch canopy composition highlights syndromes of response to urbanization. Organized Oral Session Presentation, Ecological Society of America 106th Annual Meeting, Virtual, August 11-16, 2021.
- Johnson, ML, LR Johnson, **MFJ Aronson**, LK Campbell, ME Carr, M Clarke, V D'Amico, L Darling, T Erker, RT Fahey, KL King, K Lautar, DH Locke, AT Morzillo, S Pincetl, L Rhodes, JP Schmit, L Scott, NF Sonti. Conceptualizing social-ecological drivers of urban forest patch condition. Organized Oral Session Presentation, Ecological Society of America 106th Annual Meeting, Virtual, August 11-16, 2021.
- Piana, MR, **MFJ Aronson**, RA Hallett, PJ Morin, STA Pickett, SN Handel. Forests in the city: understanding urban-driven changes in plant recruitment dynamics. Organized Oral Session Presentation, Ecological Society of America 10th Annual Meeting, Louisville, KY, August 11-16, 2019.

- Parker, TS, C Nilon, **MFJ Aronson**, CA Lepczyk, WC Zipperer, PS Warren. A conceptual framework for the study of vertebrate species in urban systems. Oral Presentation, Ecological Society of America 104th Annual Meeting, Louisville, KY, August 11-16, 2019.
- Johnson, LR, M.L. Johnson, **M.F.J. Aronson**, *et al.* Social-ecological drivers of change in urban forest patches. Organized Oral Session Presentation, Ecological Society of America 104th Annual Meeting, Louisville, KY, August 11-16, 2019.
- Nilon, C, **MFJ Aronson**, CA Lepczyk, TS Parker, PS Warren. UrBioNet RCN: Bridging across ecological, social, and political boundaries for urban biodiversity conservation. Symposium Presentation, Ecological Society of America 104th Annual Meeting, Louisville, KY, August 11-16, 2019.
- Herrera Montes, A, CH Nilon, **MFJ Aronson**, *et al.* How does urban context influence functional traits across taxonomic groups? Symposium Presentation, Ecological Society of America 104th Annual Meeting, Louisville, KY, August 11-16, 2019.
- Warren, PS, ER Kuras, **MFJ Aronson**, S Cilliers, MA Goddard, C Nilon, R Winkler, J Zinda. Urban social inequities and biodiversity often converge but not always: A global meta-analysis. Symposium presentation, Ecological Society of America 104th Annual Meeting, Louisville, KY, August 11-16, 2019.
- Spotswood, EN, EE Beller, S Hagerty, L Grenier, N Heller, **MFJ Aronson**, R Grossinger. Can cities support regional biodiversity and ecological resilience? Evaluating the potential and challenge in Silicon Valley. Symposium presentation, Ecological Society of America 103th Annual Meeting, New Orleans, LA, August 5-10, 2018.
- Aronson, MFJ**, C Lepczyk. Conservation Planning: Prioritizing Types of Urban Green Spaces for Conservation and Restoration. Symposium presentation, North American Congress for Conservation Biology, Toronto, CA, July 21-26, 2018.
- Piana, MR, SN Handel, **MFJ Aronson**. Barriers to urban forest recruitment: comparing urban and rural seed predation rates and species preference. North American Congress for Conservation Biology, Toronto, CA, July 21-26, 2018.
- Frazer, LF, C Nilon, **MFJ Aronson**, *et al.* Planning for the Future of Urban Biodiversity: A Global Review of City-Scale Initiatives. Symposium presentation, North American Congress for Conservation Biology, Toronto, CA, July 21-26, 2018.
- Sorensen, AE, R Jordan, G Blaise, J Brown, L Campbell, **MFJ Aronson**, ML Johnson. Public participation in urban restoration stewardship programs: Linkages between, environmental identity and knowledge, and motivations. North American Congress for Conservation Biology, Toronto, CA, July 21-26, 2018.
- Aronson, MFJ**. Linkages between biodiversity and ecosystem services in city planning. Organized Oral Session presentation, Ecological Society of America 102nd Annual Meeting, Portland, OR, August 8-12, 2017.
- Piana, MR, SN Handel, **MFJ Aronson**, PJ Morin. Barriers to urban forest recruitment: Seed predator preference and removal rates. Poster presentation, Ecological Society of America 102nd Annual Meeting, Portland, OR, August 8-12, 2017.
- Sorensen, AE, R Jordan, G Blaise, **MFJ Aronson**, LK Campbell, ML Johnson, JA Brown. The role of identity and community in urban ecological restoration programs. Oral presentation, Ecological Society of America 102nd Annual Meeting, Portland, OR, August 8-12, 2017.
- Aronson, MFJ** Biodiversity in the Concrete Jungle: Understanding Nature in Cities for a Resilient Future. Joint conference of the Society for Ecological Restoration Australasia and the New Zealand Ecological Society, Hamilton, NZ, 19-23 November 2016.
- Aronson, MFJ**, CH Nilon, CA Lepczyk, TS Parker, PS Warren. UrBioNet: A global network for urban biodiversity research and practice. Poster presentation, Ecological Society of America 100th Annual Meeting, Baltimore, MD, August 9-14, 2015.
- Lepczyk, CA, **MFJ Aronson**. Using the science of urban ecology to inform management and planning. Organized oral session presentation, Ecological Society of America 100th Annual Meeting, Baltimore, MD, August 9-14, 2015.

- Geretz, ES, MFJ Aronson. Temporal and spatial changes in bryophyte diversity with urbanization in Philadelphia, PA. Poster presentation, Ecological Society of America 100th Annual Meeting, Baltimore, MD, August 9-14, 2015.
- Tartaglia, E, **MFJ Aronson**, J Raphael. The role of suburban horticulture in structuring plant invasions in natural areas on the suburban/wildland interface at William Floyd Estate, Fire Island National Seashore. Poster presentation, Ecological Society of America 100th Annual Meeting, Baltimore, MD, August 9-14, 2015.
- Stander, EK, **MFJ Aronson**. Using case studies to engage undergraduates in socio-ecological synthesis: Urban biodiversity example. Oral presentation, Ecological Society of America 100th Annual Meeting, Baltimore, MD, August 9-14, 2015.
- Aronson, MFJ** Filters that shape urban biodiversity. Symposium presentation, The 4th Annual URBIO conference, Incheon, South Korea, October 9-12, 2014
- Haines-Klaube, CE, JA Krumins, MFJ Aronson. Understanding eutrophication: Flora and bacterial communities of an urban watershed. Oral presentation, Ecological Society of America 99th Annual Meeting, Sacramento, CA, August 10-15, 2014.
- Greendyk, JR, CE Haines-Klaube, MFJ Aronson, JA Krumins. Fungal community composition of urban riparian soils. Poster presentation, Ecological Society of America 99th Annual Meeting, Sacramento, CA, August 10-15, 2014.
- Aronson, MFJ**, M Patel, K O'Neill, JG Ehrenfeld. Community assembly and connectivity along an urban river system. Poster presentation, Ecological Society of America 98th Annual Meeting, Minneapolis, MN, August 4-9, 2013.
- Patel, M, **MFJ Aronson**, K O'Neill, J Dowd, R Shwom, JG Ehrenfeld. Ecological and social connectivity in an urban river system, oral presentation. Ecological Society of America 97th Annual Meeting, Portland, OR, August 5-10, 2012.
- Aronson, MFJ.** Using comparative studies to examine intercity versus intracity patterns of native species loss and biotic homogenization of urban floras. *Invited speaker*. Comparative Studies of Cities: Links to Urban Biodiversity and Urban Design Symposium. URBIO 2010: Urban Biodiversity and Design Conference, Nagoya, Japan, May 18-22, 2010.
- Aronson, MFJ.** The biotic-human interface: Addressing biodiversity and conservation in the urban landscape. Symposium presentation, Ecological Society of America 93rd Annual Meeting, Milwaukee, WI, August 3-8, 2008.
- Putnam, RC, MFJ Aronson, PB Reich. Examining the effects of CO₂, N, and diversity on initial establishment of weedy invaders in a grassland ecosystem. Oral presentation, Ecological Society of America 93rd Annual Meeting, Milwaukee, WI, August 3-8, 2008.
- Aronson, MFJ**, SN Handel, SE Clemants. Urbanization promotes native plant species loss and replacement with non-native plant communities. Oral presentation, Urban Biodiversity and Design: Implementing the convention on biological diversity in towns and cities, Erfurt, Germany, May 21-24, 2008.
- Aronson, MFJ**, SN Handel, SE Clemants. Biotic homogenization and the replacement of native species with alien species in an urban landscape. Oral presentation, Ecological Society of America 92nd Annual Meeting/Society for Ecological Restoration International 18th International Conference, San Jose, CA, August 5-10, 2007.
- Aronson, MFJ**, SN Handel. Past, present and future of a suburban old growth forest: vegetation change and exotic species invasions over 50 years. Oral presentation, Ecological Society of America 90th annual meeting, Montreal, Canada, August 7-12, 2005.
- Aronson, MFJ**, S.N. Handel, S.E. Clemants. Life history correlates of change in plant species distribution in an urban landscape. Oral presentation, Ecological Society of America 89th annual meeting, Portland, Oregon, August 1-6, 2004.
- Momsen, J, **MF Johnson**. Tidal salt marsh restoration in an urban environment. Oral presentation, Society of Wetland Scientists 22nd Annual Meeting, 2001.
- Norris, ME, **MF Johnson**. Developing a hydrogeomorphic functional assessment (HGM) in an urbanized landscape. Poster presentation, Society of Wetland Scientists 21st Annual Meeting, 2000.

ADDITIONAL PROFESSIONAL EXPERIENCE

Lecturer, Dept. of Ecology, Evolution and Natural Resources, Rutgers University, Spring 2013-2016

Courses: Plant Ecology, Urban Ecology, Principles of Ecology

Assistant Professor, Hofstra University, Fall 2009 to Spring 2012

Courses: Biology 13: Prokaryotes, Protists, Fungi and Plants; Biology 14: Evolution, Ecology and Behavior; Biology 253A: Graduate Seminar in Invasion Ecology

Visiting Assistant Professor, Luther College, Fall 2006 to Spring 2009

Courses: General Ecology; Botany; Principles of Biology 1: Ecology, Evolution and Biodiversity; Principles of Biology 2: Molecules, Cells and Genes; Ecological Concepts (non-majors)

Graduate Fellow, 2005-2006, Department of Ecology, Evolution and Natural Resources, Rutgers University, New Brunswick, NJ and the Morris County Park Commission, New Jersey

Laboratory Instructor and Teaching Assistant, Rutgers University Fall 2002-Spring 2005

Courses: Beginning and Intermediate Geomatics, General Biology, Principles of Biology, Principles of Botany, Intermediate Geomatics, Restoration Ecology

Graduate Assistant, 1999-2001, Department of Landscape Architecture, Rutgers University, New Brunswick, NJ and New Jersey Department of Environmental Protection, Trenton, NJ

Field/Lab Assistant, 1998-2002, Department of Ecology, Evolution and Natural Resources and Department of Landscape Architecture, Rutgers University, New Brunswick, NJ

Field/Lab Assistant, 1994-1998, Department of Natural Resources and Department of Entomology, Cornell University, Ithaca, NY

Teaching Assistant, Cornell University, Spring 1997

Course: Environmental Conservation

PROFESSIONAL MEMBERSHIPS

Ecological Society of America, Society for Conservation Biology, Society for Ecological Restoration.

SERVICE (2014-present)

- Rutgers University
 - Chair, Curriculum Committee, Ecology & Evolution Graduate Program. 2023
 - Member, Diversity, Inclusion, and Equity Committee, Ecology & Evolution Graduate Program, Rutgers University. 2021-2023
 - Member, Curriculum Committee, Department of Ecology, Evolution and Natural Resources, Rutgers University. 2016-present
 - Member, Land Use and Offsets Working Group, President's Task Force on Carbon Neutrality and Climate Resilience, Rutgers University, 2020-2021
 - Reviewer, Rutgers Global, Global Environmental Change Grants, 2020, 2023-2024
 - Organizer, Ecology & Evolution Graduate Program Recruitment Day, 2021
 - Reviewer, School for Graduate Studies, Dean's Fellowship, 2023-2024
- NJDEP and Rutgers' Wetland Function Scoring Schema Stakeholder Input Committee, 2023
- Participant, Northeast Urban Silviculture Workshop, USDA Forest Service, 2021-present
- Member, NYC Biodiversity Task Force 2024.
- Technical Advisor:
 - *Ecology for Health*, Google Ecology Program and the San Francisco Estuary Institute. 2020-2023
 - *How can cities be denser and greener?* Google Ecology Program, The Nature Conservancy (TNC) Global Cities program, and the San Francisco Estuary Institute, 2020-2023
 - *Urban Greening Science Panel for Silicon Valley*, CA, San Francisco Estuary Institute, 2018-2019
- Scientific Advisory Board, *NYC Nature Goals 2050*, 2018-2020
- Advisory Board, Center for Resilient Landscapes. USDA Forest Service and Rutgers University. 2015-2020

- Advisory Board Member, *Stewardship Mapping and Assessment Project (STEW-MAP)* in New York City, US Forest Service, 2018-2019
- Fire Island National Seashore Science Advisory Team, 2010-2014
- Community Service:
 - Career Day: MacAfee Elementary School, Franklin Township, NJ; Thomas Jefferson Middle School, Edison, NJ
 - Science classroom visits and field trips: Frost Elementary School, East Brunswick, NJ

SERVICE TO THE PROFESSION (2008-present)

- Ecological Society of America
 - Historical Records Committee, 2022-2023, *Chair*, 2023-present.
 - McArthur Awards Committee, 2021-2027
 - Chair, Urban Ecosystem Ecology, 2014-2018
 - Vice-Chair, Urban Ecosystem Ecology, 2012-2014
 - Annual Meeting Mentor, 2014-2017
 - Developed and lead an annual field trip for the Ecological Society of America Annual Meetings 2015-2024, introducing the undergraduate *Crosstown Walk* module to teach ecological and environmental changes across socio-economic gradients
- Co-Leader, *A socioecological systems view of urban green spaces for evaluating use and equity*, National Socio-Environmental Synthesis Center, 2020-2023
- Participant, *Socio-ecological drivers of change over time in urban woodlands*, National Socio-Environmental Synthesis Center, 2019-present
- Steering committee member and US hub leader, *Global Urban Biological Invasions Consortium*, 2018-present
- Advisory Board: *Urban Naturalist*
- Associate Editor: *Biological Invasions*, *Ecological Restoration*, *Journal of Urban Ecology*, *Urban Naturalist*
- Reviewer for: *Biological Conservation*, *Biological Invasions*, *BioScience*, *Ecography*, *Ecology Letters*, *Environmental Management*, *Frontiers in Ecology and the Environment*, *Global Ecology and Biogeography*, *Journal of Ecology*, *Landscape and Urban Planning*, *Natural Areas Journal*, *PLOS ONE*, *PNAS*, *Proceedings of the Royal Academy B*, *Restoration Ecology*, *TREE*, *Urban Ecosystems*
- External Reviewer for PhD Dissertations: University of Waikato, New Zealand; University of Western Australia, Perth; Helmholtz Environmental Centre, Germany.
- Organized symposiums for: EcoSummit, June 21-25, 2023, Gold Coast, Australia; Ecological Society of America 104th Annual Meeting, New Orleans, LA, August 11-16, 2019; Ecological Society of America 103th Annual Meeting, New Orleans, LA, August 5-10, 2018; North American Congress For Conservation Biology, Toronto, CA, July 21-26, 2018; Ecological Society of America 100th Annual Meeting, Baltimore, MD, August 9-14, 2015; The 4th Annual URBIO meeting, Incheon, South Korea, October 9-12, 2014; The 26th International Congress for Conservation Biology, Baltimore, MD, July 21-25, 2013; Society for Conservation Biology North America Congress for Conservation Biology, Oakland, CA July 15-18, 2012; Ecological Society of America 97th Annual Meeting, Portland, OR, August 5-10, 2012; Ecological Society of America 93rd Annual Meeting, Milwaukee, WI, August 3-8, 2008.

STUDENTS

Current Students

Ecology & Evolution Graduate Program, Rutgers University: Samantha Gigliotti, PhD student (advisor); Evan Joo, PhD student (advisor); Megan King, MS student (advisor); Lucien Fitzpatrick, PhD student (advisor), Tianqi Huang, PhD (committee member)
Landscape Architecture Graduate Program, Rutgers University: Sam Denny (committee member), Danielle Daboll (committee member), Michael Tom (committee member).

Departments of Ecology, Evolution and Natural Resources and Biological Sciences, Rutgers University, undergraduate research students: Adriana Ribauda (2023-2024)

Past Students

Rutgers University, Ecology & Evolution Graduate Program: Max Piana, PhD (co-advisor), Post-doc, USDA Forest Service; Lauren Frazee, PhD (committee member); Ben Pisano, MS (advisor); Hua Shang, PhD Candidate (committee member); Julie Blum, MS Student (committee member); Rachael Sacatelli, MS (committee member); Josh Echols, MS (committee member); Alexis Kleinbeck, MS (committee member); Dylan Simpson, PhD Candidate (committee member); Amy Gage, PhD (committee member); Kate Douthat, PhD Candidate (committee member); Katarina Russell, MS (committee member); Skye King, MS (committee member).

Landscape Architecture Graduate Program, Rutgers University: Ellen Senechal, MLA (committee member); Kristine Kopia, MLA (committee member); Alexis Lo, MLA Student (committee member); Nina Petracca, MLA (committee member); Kimberly Tryba, MLA (committee member)

Hofstra University, Department of Biology: Jordan Raphael, MS (advisor), Biologist, Fire Island National Seashore; Natalie Koncki, MS (advisor), Tighe & Bond Environmental Consulting; Chris Anderson, MS (advisor), The River Project

Departments of Ecology, Evolution and Natural Resources and Biological Sciences, Rutgers University, undergraduate research students: Jesse Avila (2022-2023); Grace Rademacher (2022), Emily Hughes, George H Cook Honors (2018-2022); Rhea Patel, George H Cook Honors (2020-2022); Scarlett Simpson (2021-2022); Eva Topp, George H Cook Honors (2019-2020); Morgan Cooks, George H Cook Honors (2018-2020); Robert Porch, George H Cook Honors (2017-2020); Chris Balajadia (2019-2020); Mayur Patel (2017-2019); Sean Irelan (2017-2018); Alexis Coleman (2018); Michael Diciancia (2016-2017); Carmela Buono, George H Cook Honors (2015-2016); Eliana Geretz, George H Cook Honors (2013-2015); Kurtis Himmler, George H Cook Honors (2015-2016); Thomas Young (2013-2015); Kevin Corrigan (2013-2014); Emilia Topp (2013-2014)

POPULAR AND SCIENTIFIC PRESS

Print

YaleEnvironment360, July 2021; AMC Outdoors Magazine, August 2017; National Wildlife Federation Magazine, February 2015; Quebec Science Magazine, August 2014; Science for Environment Policy, 1 May 2014, Issue 370. European Commission DG Environment News Alert Service; Columbia Spectator, September 2014.

Radio

BBC Shared Planet: <http://www.bbc.co.uk/programmes/b0496c09>

The Brian Lehrer Show: <https://www.wnyc.org/story/bltrees-year-life-february/>

Web

My work has been highlighted in over 45 regional, national, and global popular and scientific news websites, below are selected outlets only.

Cornell University, New York Invasive Species Research Institute, Researcher Spotlight:

<http://www.nyisri.org/2020/12/researcher-spotlight-dr-myla-aronson/>

Rutgers University: <https://www.rutgers.edu/news/know-your-backyards-biodiversity>

Interviewed for Audubon's *Yards With Non-Native Plants Create 'Food Deserts' for Bugs and Birds*

<https://www.audubon.org/news/yards-non-native-plants-create-food-deserts-bugs-and-birds>

BBC News Science and Environment: <http://www.bbc.com/news/science-environment-26140827>

Scientific American: <http://www.scientificamerican.com/podcast/episode/urban-biodiversity/>

ScienceDaily: http://www.sciencedaily.com/releases/2014/02/140212132950.htm?utm_source=feedburn&utm_medium=feed&utm_campaign=Feed%3A+sciencedaily+%28Latest+Science+News++ScienceDaily%29