

**RACHAEL E. URBANEK**  
**PH. D., CERTIFIED WILDLIFE BIOLOGIST ®**

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**EDUCATION:**

- 2007 – 2012      Southern Illinois University Carbondale (Cooperative Wildlife Research Laboratory)
- Ph.D. Zoology with emphasis in Wildlife Ecology
- 2001 – 2005      The Pennsylvania State University, University Park Campus
- B.S. Wildlife and Fisheries Science with Wildlife Option
  - Forest Science Minor

**EMPLOYMENT:**

- 2020 – present    Associate Professor of Environmental Studies, Department of Environmental Studies, University of North Carolina Wilmington (UNCW)
- Courses Taught:
    - o Environmental Conservation (EVS 445): 2020 -
    - o Introduction to Environmental Studies (EVS 195): 2020 -
    - o Foundations of Environmental Conservation and Management (EVS 540): 2021 -
    - o Applied Service Learning (EVS 496): 2021 -
    - o Practicum in Environmental Studies (EVS 497/597): 2021 -
    - o Wildlife Field Methods for Conservation (EVS 440/541): 2021 -
- 2015 – 2020      Assistant Professor of Environmental Studies, Department of Environmental Studies, University of North Carolina Wilmington (UNCW)
- Courses Taught:
    - o Applied Environmental Ecology (EVS 485): 2015, 2017
    - o Environmental Conservation (EVS 445): 2015, 2017 - 2019
    - o Applied Environmental Statistics (EVS 592): 2015
    - o Introduction to Environmental Studies (EVS 195): 2016 - 2019
    - o Foundations of Environmental Conservation and Management (EVS 540): 2016 - 2020
    - o Exploring a “Wild” Profession (EVS 485): 2016 - 2019
    - o Applied Service Learning (EVS 496): 2016 - 2020
    - o Practicum in Environmental Studies (EVS 497/597): 2016 - 2020
    - o Wildlife Field Methods for Conservation (EVS 440/541): 2018 - 2020
- 2015 – 2017      Adjunct Faculty, Department of Biological Sciences, Arkansas Tech University
- 2012 – 2015      Assistant Professor of Wildlife Science, Department of Biological Sciences, Arkansas Tech University
- Courses Taught:
    - o Principles of Ecology (BIOL 3114/FW 3114): 2012, 2014, 2015
    - o Wildlife Techniques (FW 4013): 2012 -2014
    - o Natural Resources Communications (FW 2013): 2013, 2014
    - o Fisheries and Wildlife Administration (FW 3053): 2013 - 2015
    - o Urban Wildlife Ecology and Management Graduate Seminar (FW 6001): 2013
    - o Senior Seminar (FW 4001): 2013, 2014
    - o Advanced Topics: Research Seminars (FW 5881): 2013
    - o Graduate Independent Study (FW 6893): 2013
    - o Undergraduate Research: Feral Cat Interactions (FW 4951): 2014
- 2007 – 2012      Graduate Research and Teaching Assistant, Cooperative Wildlife Research Laboratory and Department of Zoology, Southern Illinois University Carbondale

- Graduate Instructor: Principles of Ecology (BIOL 307): 2010, 2011
- Graduate Teaching Assistant: Wildlife Techniques (ZOO 469): 2010

## PUBLICATIONS

### PEER-REVIEWED ARTICLES (Underlined names are student collaborators)

- <sup>26</sup>Urbanek, R. E., K. S. McNeilly, S. H. Schweitzer, and J. A. Rotenberg. 2020. Influence of different sign-post designs on avian predator perching activity. *Ocean and Coastal Management* 190: doi:105161.
- <sup>25</sup>Heinlein, B. W., R. E. Urbanek, C. Olfenbittel, and C. G. Dukes. 2020. Effects of different attractants and human scent on mesocarnivore detection at camera traps. *Wildlife Research* 47:338-348.
- <sup>24</sup>Urbanek, R. E. and H. Sutton. 2019. Mesocarnivore presence and behavior on a barrier island during sea turtle nesting season. *Ocean and Coastal Management* 178: doi 104850.
- <sup>23</sup>Urbanek, R. E., H. J. Ferreira, C. Olfenbittel, C. Dukes, G. Albers. 2019. See what you've been missing: an assessment of Reconyx® cameras. *Wildlife Society Bulletin* 43:630-638.
- <sup>22</sup>Flaherty, E. A., C. C. Day, R. E. Urbanek, D. M. Wood, L. E. D'Acunto, V. S. Quinn, and P. A. Zollner. 2019. Mentored conference experiences support undergraduate students' career exploration and professional skills development. *Wildlife Society Bulletin* 43:565-575.
- <sup>21</sup>Normand, C., R. E. Urbanek, and M. N. Gillikin. 2019. Population density and annual seasonal space use by feral cats in an exurban area. *Urban Ecosystems* 22:303-313.
- <sup>20</sup>Grooms, B., and R. E. Urbanek. 2018. Exploring the effects of non-consumptive recreation, trail use, and environmental factors on state park avian biodiversity. *Journal of Environmental Management* 227:55-61.
- <sup>19</sup>Halls, J. N., J. M. Hill, R. E. Urbanek, and H. Sutton. 2018. Distribution pattern of red fox (*Vulpes vulpes*) dens and spatial relationships with sea turtle nests, recreation, and environmental characteristics. *International Journal of Geo-information* 7:1-20.
- <sup>18</sup>Flaherty, E. A., R. E. Urbanek, D. M. Wood, C. C. Day, L. E. D'Acunto, V. S. Quinn, and P. A. Zollner. 2018. A framework for mentoring students attending their first professional conference. *Natural Sciences Education* 47:1-8.
- <sup>17</sup>Urbanek, R. E., A. L. Carrozzino-Lyon, and G. E. Potts. 2018. Shifting demographics and attitudinal changes of TWS members (1991-2014). *Wildlife Society Bulletin* 42:4-12.
- <sup>16</sup>Normand, C., and R. E. Urbanek. 2017. Exurban feral cat seroprevalence of Feline Leukemia and Feline Immunodeficiency viruses and adult survival. *Southeastern Naturalist* 16:1-18.
- <sup>15</sup>Urbanek, R. E., C. K. Nielsen, and G. Glowacki. 2016. Effect of Northern raccoon reduction on Blanding's turtle (*Emydoidea blandingii*) nest success. *North American Journal of Herpetology* 1:39-44.
- <sup>14</sup>Urbanek, R. E., C. K. Nielsen, M. A. Davenport, and B. D. Woodson. 2015. Perceived and desired outcomes of urban deer management methods. *Journal of Wildlife Management* 79:647-661.
- <sup>13</sup>Urbanek, R. E., C. K. Nielsen, M. A. Davenport, and B. D. Woodson. 2013. Determinants of public perceptions of suburban deer density. *Human Dimensions of Wildlife* 18:82-96.
- <sup>12</sup>Urbanek, R. E., and C. K. Nielsen. 2013. Influence of landscape factors on density of suburban white-tailed deer. *Landscape and Urban Planning* 114:28-36.
- <sup>11</sup>Urbanek, R. E., C. K. Nielsen, G. A., Glowacki, and T. S. Preuss. 2012. Effects of white-tailed deer (*Odocoileus virginianus* Zimm.) herbivory in restored forest and savanna plant communities. *American Midland Naturalist* 167:240-255.
- <sup>10</sup>Urbanek, R. E., C. K. Nielsen, G. A., Glowacki, and T. S. Preuss. 2012. White-tailed deer (*Odocoileus virginianus* Zimm.) herbivory in herbaceous plant communities in Northeastern Illinois. *Natural Areas Journal* 32:6-14.
- <sup>9</sup>Urbanek, R. E., C. K. Nielsen, T. S. Preuss, and G. A. Glowacki. 2012. Comparison of aerial surveys and pellet-based distance sampling methods for estimating deer density. *Wildlife Society Bulletin* 36:100-106.

- <sup>8</sup>Urbanek, R. E., C. K. Nielsen, M. A. Davenport, and B. D. Woodson. 2012. Acceptability and conflict of deer management methods in a suburban county. *Human Dimensions of Wildlife* 17: 389-403.
- <sup>7</sup>Urbanek, R. E., K. A. Allen, and C. K. Nielsen. 2011. Urban and suburban deer management by state wildlife conservation agencies. *Wildlife Society Bulletin* 35:310-315.
- <sup>6</sup>Urbanek, R. E., C. K. Nielsen, G. A., Glowacki, and T. S. Preuss. 2011. Cost comparison of vegetation monitoring techniques used to assess white-tailed deer (*Odocoileus virginianus*) herbivory. *Transactions of the Illinois State Academy of Science* 104:163-172.
- <sup>5</sup>Urbanek, R. E., C. K. Nielsen, and S. E. Wilson. 2009. Survival of unexploited raccoons on a rural refuge in southern Illinois. *Transactions of the Illinois State Academy of Science* 102:217-223.

**PUBLICATIONS IN PEER-EDITED SYMPOSIUM PROCEEDINGS (Underlined names are student collaborators)**

- <sup>4</sup>Grooms, B., and R. E. Urbanek. 2017. Local scale comparisons of avian and woody vegetation communities within 4 Arkansas State Parks. *Arkansas Academy of Sciences* 71:123-130.
- <sup>3</sup>Keith, R. D., B. Grooms, and R. E. Urbanek. 2016. Impacts of man-made structures on avian community metrics in 4 state parks in northwestern Arkansas. *Journal of the Arkansas Academy of Science* 70: 109-117.
- <sup>2</sup>Urbanek, R. E., and C. K. Nielsen. 2012. Deer, humans, and vegetation: A case study of deer management in the Chicago Metropolitan Area. *Proceedings of the Vertebrate Pest Conference* 25:282-288.

**BOOK CHAPTERS**

- <sup>1</sup>Urbanek, R. E., M. F. Conlee III, C. K. Nielsen, and E. M. Schaubert. 2016. Chapter 4: Impacts of outfitters on free access to white-tailed deer habitat, hunting opportunities, and local residents in Illinois. Pages 123 – 148 in O. P. Jenkins, editor. *Advances in Animal Science and Zoology*. Volume 9. Nova Science Publications, Hauppauge, NY.

**WHITE PAPERS (Underlined names are student collaborators)**

- Gillikin, M. N., R. E. Urbanek, C. Olfenbittel, and C. Gray. Movements and survivorship of black bears post-rehabilitations. Final Report for WM-0337. Submitted to the North Carolina Wildlife Resources Commission. 37pp.
- Gillikin, M. N., R. E. Urbanek, C. Olfenbittel, and C. Gray. Movements and survivorship of black bears post-rehabilitations. Progress Report for WM-0337. Submitted to the North Carolina Wildlife Resources Commission. 18pp.
- Urbanek, R. E., H. J. Ferreira, C. Olfenbittel, and C. Gray. 2017. Pilot fox study: phase 1. Final report for WM#0312. Submitted to the North Carolina Wildlife Resources Commission, Raleigh, NC. 37 pp.
- Urbanek, R. E., H. Jones, M. Maser, C. Olfenbittel, C. Gray, and G. Albers. 2017. Pilot fox study: phase 1. Progress report for WM#0312. Submitted to the North Carolina Wildlife Resources Commission, Raleigh, NC. 26 pp.
- Urbanek, R. E., and Z. G. Taneyhill. 2017. Mesocarnivore presence and behavior on a barrier island during sea turtle nesting season. Submitted to the North Carolina Coastal Reserve and National Estuarine Research Reserve, Wilmington, NC. 20 pp.
- Urbanek, R. E., and B. Grooms. 2015. Precision and bias of citizen science taxonomic surveys within Arkansas State Parks. Submitted to the Arkansas Center for Energy, Natural Resources and Environmental Studies. 56 pp.
- Urbanek, R. E., and A. Carrozzino-Lyon. 2015. Member perceptions of benefits and services of The Wildlife Society. Submitted to the governing Council of The Wildlife Society. 28 pp.
- Urbanek, R. E. 2015. Travel funds to the International Urban Wildlife Conference. Submitted to the Professional Development Committee, Arkansas Tech University. 4 pp.

- Urbanek, R. E., and C. Kellner. 2014. Student research, networking, and professional exposure of the Fish and Wildlife Undergraduate and Graduate Programs. Submitted to the Faculty Research Grant Committee, Arkansas Tech University. 4 pp.
- Urbanek, R. E., C. Normand, and A. Klais. 2014. Feral cat survival and their interspecific interactions with exurban wildlife. Submitted to the Arkansas Center for Energy, Natural Resources and Environmental Studies. 13 pp.
- Urbanek, R. E., L. Kleinschmidt, M. Lombardi, and J. Schluterman. 2014. Educational seminar series stressing the importance of research in wildlife and fisheries management. Submitted to the Professional Development Grant Committee, Arkansas Tech University. 7 pp.
- Urbanek, R. E., and C. Normand. 2013. Ecology of feral cats. Submitted to the Arkansas Center for Energy, Natural Resources and Environmental Studies. 32 pp.
- Urbanek, R. E. 2013. Travel funds to the 20<sup>th</sup> Annual national Wildlife Society conference. Submitted to the Professional Development Grant Committee, Arkansas Tech University. 4 pp.
- Urbanek, R. E., and C. K. Nielsen. 2012. Informing deer management in the McHenry County Forest Preserve District using assessments of human attitudes and factors affecting deer density. Submitted to McHenry County Conservation District. 184 pp.
- Urbanek, R. E., and C. K. Nielsen. 2010. Promoting sustainable vegetative communities and deer populations in the Lake County forest preserves: an assessment of deer herbivory and population density. Submitted to Lake County Forest Preserve District. 176 pp.

**PRESENTATIONS AT PROFESSIONAL MEETINGS (Underlined names are student collaborators)**

- <sup>47</sup>Olfenbittel, C., T. Wilson, and R. E. Urbanek. 2020. Long-term use of three wildlife underpasses by American black bears. 27<sup>th</sup> Annual Wildlife Society Conference, Virtual (COVID19).
- <sup>46</sup>Urbanek, R. E., R. J. Buteau, and C. Dumas. 2020. Precautionary approaches to set baselines for future management of coyotes in an urban county. 27<sup>th</sup> Annual Wildlife Society Conference, Virtual (COVID19).
- <sup>45</sup>Hicks, C. L., R. E. Urbanek, and C. Olfenbittel. 2020. Are North Carolinians biased? Influence of demographic and geographic factors on rabies submissions of wildlife. Annual Meeting of the North Carolina Chapter of The Wildlife Society, Haw River, NC.
- <sup>44</sup>Buteau, R. J., R. E. Urbanek, and C. Dumas. 2020. Public interactions, attitudes, and conflict regarding coyotes and their management in New Hanover County, NC. Annual Meeting of the North Carolina Chapter of The Wildlife Society, Haw River, NC.
- <sup>43</sup>Gillikin, M. N., R. E. Urbanek, C. Olfenbittel, and C. G. Dukes. 2019. Spatial and survival analyses of rehabilitated black bears (*Ursus americanus*) cubs. Joint American Fisheries Society and The Wildlife Society Conference, Reno, NV.
- <sup>42</sup>McNeilly, K. S., R. E. Urbanek, S. H. Schweitzer, and J. A. Rotenberg. 2019. Influence of different sign-post designs on avian predator perching activity. Annual Meeting of the North Carolina Chapter of The Wildlife Society, Black Mountain, NC.
- <sup>41</sup>Gillikin, M. N., R. E. Urbanek, C. Olfenbittel, and C. G. Dukes. 2019. Spatial analysis of rehabilitated black bear (*Ursus americanus*) cubs. Annual Meeting of the North Carolina Wildlife Society, Black Mountain, NC.
- <sup>40</sup>Urbanek, R. E., H. J. Ferreira, C. Olfenbittel, and C. Dukes. 2018. See what you've been missing: an assessment of Reconyx® game cameras. 25<sup>th</sup> Annual Wildlife Society Conference, Cleveland, OH.
- <sup>39</sup>Heinlein, B., R. E. Urbanek, C. Olfenbittel, and C. Dukes. 2018. Effects of different attractants and human scent on mesocarnivore detection at camera traps. 25<sup>th</sup> Annual Wildlife Society Conference, Cleveland, OH.
- <sup>38</sup>Flaherty, E. A., R. E. Urbanek, D. M. Wood, C. C. Day, L. E. D'Acunto, V. S. Quinn, and P. A. Zollner. 2018. A framework for mentoring students attending their first professional conference. 4<sup>th</sup> Annual Conference of the Ohio Project Kaleidoscope, Alliance, OH.

- <sup>37</sup>Flaherty, E. A., C. C. Day, R. E. Urbanek, D. M. Wood, L. E. D'Acunto, V. S. Quinn, and P. A. Zollner. 2018. Training students to attend a conference: social and career outcomes. North American Colleges and Teachers of Agriculture Conference, Ames, IA.
- <sup>36</sup>Urbanek, R. E., E. A. Flaherty, D. M. Wood, C. C. Day, L. E. D'Acunto, V. S. Quinn, and P. A. Zollner. 2018. A framework for mentoring students attending their first professional conference. 12<sup>th</sup> Annual Conference on Applied Learning in Higher Education.
- <sup>35</sup>Flaherty, E., P. Zollner, V. Quinn, D. Wood, and R. Urbanek. 2017. Training students to attend a professional conference? Educational workshop for leading a similar course. 4-hour Workshop. 24<sup>th</sup> International Wildlife Society Conference, Albuquerque, NM.
- <sup>34</sup>Jones, H., M. Maser, R. E. Urbanek, C. Olfenbittel, G. Albers, and C. Gray. 2017. Efficacy of timed vs. triggered shots using Reconyx® PC900 hyperfire game cameras. 24<sup>th</sup> Annual TWS Conference, Albuquerque, NM.
- <sup>33</sup>Maser, M., H. Jones, R. E. Urbanek, C. Olfenbittel, G. Albers, and C. Gray. 2017. Preliminary results of the 2016 North Carolina Wildlife Resources Commission Pilot Fox Survey. Annual meeting of the Southeastern Association of Fish and Wildlife Agencies Furbearer Working Group and The Southeast Section of The Wildlife Society Furbearer Resources Committee, Southern Pines, NC.
- <sup>32</sup>Jones, H., M. Maser, R. E. Urbanek, C. Olfenbittel, G. Albers, and C. Gray. 2017. Efficacy of timed vs. triggered shots using Reconyx® PC900 hyperfire game cameras. Annual meeting of the Southeastern Association of Fish and Wildlife Agencies Furbearer Working Group and The Southeast Section of The Wildlife Society Furbearer Resources Committee, Southern Pines, NC.
- <sup>31</sup>Grooms, B., and R. E. Urbanek. 2016. Influence of anthropogenic and environmental factors Arkansas State Park avian community metrics. 22<sup>nd</sup> Annual TWS Conference, Raleigh, NC.
- <sup>30</sup>Keith, R. D., B. Grooms, and R. E. Urbanek. 2016. Impacts of man-made structures on avian community metrics in 4 state parks in northwestern Arkansas. 100<sup>th</sup> Annual Meeting of the Arkansas Academy of Science, Fayetteville, AR.
- <sup>29</sup>Grooms, B., and R. E. Urbanek. 2016. Relative wildlife community metrics within Arkansas state parks. 100<sup>th</sup> Annual Meeting of the Arkansas Academy of Science, Fayetteville, AR.
- <sup>28</sup>Grooms, B., and R. E. Urbanek. 2016. Influence of non-consumptive trail use on Arkansas state park avian populations. Arkansas Chapter of The Wildlife Society, Little, Rock, Arkansas.
- <sup>27</sup>Urbanek, R. E., A. L. Carrozzino-Lyon, and G. Potts. 2015. Then and now: Shifting demographics and attitudinal changes of TWS members (1991-2014). International Wildlife Society Conference, Winnipeg, Canada.
- <sup>26</sup>Glowacki, G., A. Kuhns, R. E. Urbanek, and C. K. Nielsen. 2015. Effect of northern raccoon reduction on Blanding's turtle nest success. International Urban Wildlife Conference, Chicago, IL.
- <sup>25</sup>Urbanek, R. E., and C. Normand. 2015. Exurban feral cats: the goldilocks of life history patterns along the urbanization gradient? International Urban Wildlife Conference, Chicago, IL.
- <sup>24</sup>Urbanek, R. E., A. L. Carrozzino-Lyons, and G. Potts. 2014. Preliminary results of the Increasing Agency Membership Survey for The Wildlife Survey. Presentation to Council at the 21<sup>st</sup> Annual TWS Conference, Pittsburgh, PA.
- <sup>23</sup>Klais, A., R. E. Urbanek, and C. Normand. 2014. Activity patterns and interspecific interactions of free-ranging domestic cats at urban feeding stations. 21<sup>st</sup> Annual TWS Conference, Pittsburgh, PA.
- <sup>22</sup>Normand, C., and R. E. Urbanek. 2014. Feral cat population abundance and multi-scale seasonal habitat use in an exurban landscape. 21<sup>st</sup> Annual TWS Conference, Pittsburgh, PA.
- <sup>21</sup>Jacobs, C. H., R. E. Urbanek, and C. Normand. 2014. Prevalence of *Cytauxzoon felis* in feral cats in Russellville, Arkansas. 98<sup>th</sup> Annual Meeting of the Arkansas Academy of Sciences, Searcy, Arkansas.
- <sup>20</sup>Urbanek, R. E., C. Normand, and C. Jacobs. 2014. Disease prevalence of feral cats in Russellville, Arkansas. Continuing Education for Arkansas Board of Veterinary Medicine, Arkansas Tech University, Russellville, AR.
- <sup>19</sup>Bullock, S.L., R. E. Urbanek, and R. E. Williams. 2013. Collaboration between The Wildlife Society and the Ecological Society for America. Presentation to Council at the 20<sup>th</sup> Annual TWS Conference, Milwaukee, WI.

- <sup>18</sup>Normand, C., and R. E. Urbanek. 2013. Feral cat population dynamics, multi-scale habitat use, and disease prevalence in an exurban landscape. 20<sup>th</sup> Annual TWS Conference, Milwaukee, WI.
- <sup>17</sup>Normand, C., and R. E. Urbanek. 2013. Prevalence of feline leukemia virus and feline immunodeficiency virus in exurban feral cats. 97<sup>th</sup> Annual Meeting of the Arkansas Academy of Science, Little Rock, AR.
- <sup>16</sup>Urbanek, R. E. and C. K. Nielsen. 2012. Influence of landscape factors on density of suburban white-tailed deer. 19<sup>th</sup> Annual TWS Conference, Portland, OR.
- <sup>15</sup>Normand, C., and R. E. Urbanek. 2012. Population demographics and daytime resting sites of female exurban cats. Fall Meeting of the Arkansas Chapter of TWS, Fayetteville, AR.
- <sup>14</sup>Urbanek, R. E., and C. K. Nielsen. 2012. Ecological and societal impacts of suburban white-tailed deer: a case study in the Chicago Metropolitan Area. 48<sup>th</sup> Annual Meeting of the Illinois Chapter of TWS, Carbondale, IL.
- <sup>13</sup>Urbanek, R. E., C. K. Nielsen, M. A. Davenport, and B. D. Woodson. 2012. Public acceptance and perceived outcomes of urban deer management methods. Chicago Wilderness Wildlife Task Force Meeting, Riverwoods, IL.
- <sup>12</sup>Urbanek, R. E., C. K. Nielsen, M. A. Davenport, and B. D. Woodson. 2011. Public acceptance and perceived outcomes of urban deer management methods. 72<sup>nd</sup> Annual Midwest Fish and Wildlife Conference (MWFWC), Des Moines, IA.
- <sup>11</sup>Urbanek, R. E., K. R. Allen, and C. K. Nielsen. 2011. Urban and suburban deer management by state wildlife agencies. International Urban Wildlife Management and Planning Conference, Austin, TX.
- <sup>10</sup>Urbanek, R. E., C. K. Nielsen, T. A. Preuss, and G. A. Glowacki. 2011. Cost comparison of vegetation monitoring techniques used to assess white-tailed deer herbivory. 47<sup>th</sup> Annual Meeting of the Illinois Chapter of TWS, Joliet, IL.
- <sup>9</sup>Urbanek, R. E., C. K. Nielsen, and S. E. Wilson. 2011. Survival of unexploited raccoons on a rural refuge in Southern Illinois. Midwest Ecology and Evolution Conference, Carbondale, IL.
- <sup>8</sup>Urbanek, R. E., and C. K. Nielsen. 2010. Comparison of aerial surveys and distance sampling for estimating deer density. 71<sup>st</sup> Annual MWFWC, Minneapolis, MN.
- <sup>7</sup>Urbanek, R. E., and C. K. Nielsen. 2010. Effects of deer herbivory on restored forest and savanna plant communities. Chicago Wilderness Congress, Chicago, IL.
- <sup>6</sup>Urbanek, R. E., and C. K. Nielsen. 2010. Deer herbivory in forest, savanna, and wetland plant communities: Impacts of deer density. 17<sup>th</sup> Annual TWS Conference, Snowbird, UT.
- <sup>5</sup>Urbanek, R. E., and C. K. Nielsen. 2009. White-tailed deer herbivory on herbaceous restorations in suburban forest preserves. 16<sup>th</sup> Annual TWS Conference, Monterey, CA.
- <sup>4</sup>Nielsen, C. K., and R. E. Urbanek. 2009. Deer and humans in the Chicago Metropolitan Area: forb sustainability and factors affecting deer overabundance. Chicago Wilderness Wildlife Task Force Meeting, Palos Heights, IL.
- <sup>3</sup>Nielsen, C. K., and R. E. Urbanek. 2009. Deer as keystone herbivores in the Chicago Metropolitan Area. Wild Things Conference, Chicago, IL.
- <sup>2</sup>Urbanek, R. E., and C. K. Nielsen. 2008. Deer herbivory and identification of indicator forb species in suburban forest preserves. 69<sup>th</sup> Annual MWFWC, Columbus, OH.
- <sup>1</sup>Urbanek, R. E., and C. K. Nielsen. 2008. White-tailed deer herbivory on herbaceous restorations and identification of indicator forb species in suburban forest preserves. 15<sup>th</sup> Annual TWS Conference, Miami, FL.

## **INVITED PRESENTATIONS AT UNIVERSITY SEMINAR SERIES**

- <sup>11</sup>Normand, C. M., and R. E. Urbanek. 2015. Feral cat disease prevalence, survival, and multiscale habitat use in an exurban landscape. Louisiana State University Spring Seminar Series, Baton Rouge, LA.
- <sup>10</sup>Urbanek, R. E. 2013. Deer vs. humans: management on the urban battlefield. Department of Wildlife Ecology, University of Delaware, Newark, DE.

## INVITED PRESENTATIONS AT PROFESSIONAL MEETINGS

- <sup>9</sup>Urbanek, R. E., and L. Pacifici. 2020. Mentors in academia – Leading students and creating new leaders. Invited speaker. 27th Annual Wildlife Society Conference, Virtual (COVID19).
- <sup>8</sup>Urbanek, R. E., C. Dumas, and R. J. Buteau. 2019. Coyotes in New Hanover County. Landfall COA, Wilmington, NC.
- <sup>7</sup>Urbanek, R. E. and Z. G. Taneyhill. Mesocarnivore and human presence on a barrier island during sea turtle nesting season. Symposium: Ecology in a high-speed landscape. 79<sup>th</sup> Annual Meeting of the Association of Southeastern Biologists, Myrtle Beach, SC.
- <sup>6</sup>Urbanek, R. E., E. A. Flaherty, D. M. Wood, C. C. Day, L. E. D’Acunto, V. S. Quinn, and P. A. Zollner. 2018. Exploring a wild profession: a professional development course for students. Annual Meeting of the North Carolina Chapter of The Wildlife Society, Browns Summit, NC.
- <sup>5</sup>Grooms, B., and R. E. Urbanek. 2016. NRID citizen science survey conclusions. Arkansas State Parks, Russellville, AR.
- <sup>4</sup>Urbanek, R. E. 2014. Urban wildlife: more than rats and spiders! Keynote Speaker, Arkansas Junior Science and Humanities Symposium, Russellville, AR.
- <sup>3</sup>Urbanek, R. E., and C. K. Nielsen. 2012. Ecological and societal impacts of suburban white-tailed deer in the Chicago Metropolitan Area. McHenry County Conservation District, Richmond, IL.
- <sup>2</sup>Urbanek, R. E., and C. K. Nielsen. 2012. Deer, humans, and vegetation: A case study of deer management in the Chicago Metropolitan Area. 25<sup>th</sup> Vertebrate Pest Conference, Monterey, CA.
- <sup>1</sup>Urbanek, R. E., and C. K. Nielsen. 2010. Promoting sustainable vegetative communities and deer populations in the Chicago Metropolitan Area: an assessment of deer herbivory and population density. Chicago Wilderness Wildlife Task Force Meeting, Riverwoods, IL.

## GRADUATE COMMITTEES (\*indicates main advisor/chair for this student)

- \*Burgess, E. 2018 – present. Investigating the spatial relationship between land use change and abundance of gray (*Urocyon cinereoargenteus*) and red (*Vulpes vulpes*) fox populations in North Carolina (1996-2016). Thesis, University of North Carolina Wilmington..
- \*Grooms, B. 2015 – 2016. Effects of non-consumptive trail use and environmental factors on Arkansas State Park biodiversity. *Thesis*, Arkansas Tech University.  
- 1<sup>st</sup> Place in Graduate Student Biology Oral Presentation Category at the 100<sup>th</sup> meeting of the Arkansas Academy of Sciences, Fayetteville, AR.
- \*Keith, R. 2015 – 2016. Impacts of man-made structures on avian community metrics in 4 state parks in Northwestern Arkansas. *Non-thesis research practicum*, Arkansas Tech University.
- Bangs, A. 2013 – 2017. Phenotypic plasticity in Eastern fence lizards. *Thesis*, Arkansas Tech University.
- \*Normand, C. M. 2012 – 2014. Feral cat virus infection prevalence, survival, population density, and multi-scale habitat use in an exurban landscape. *Thesis*, Arkansas Tech University.  
- Currently employed as a biologist for the Louisiana Department of Wildlife and Fisheries

## UNDERGRADUATE HONORS RESEARCH PROJECTS (\*indicates main advisor/chair for this student)

- Tresca, J. 2020-present. Identifying alligators and nesting sites using thermal drones. *Honors Thesis*, University of North Carolina Wilmington.
- Michael, O. 2019 – present. Parasitic disgust in *Ilyanasa obsoleta*. *Honors Thesis*, University of North Carolina Wilmington.
- Singer, J. 2019 – 2020. Collaborating with local crabbers: utilizing blue crab morphometric analysis to inform bycatch reduction strategies for the Diamondback Terrapin. *Honors Thesis*, University of North Carolina Wilmington.

- Hill, H. 2018 – 2019. Barriers, demographic factors, personality traits, and climate change perceptions affecting NC farmer participation in US conservation programs. *Honors Thesis*, University of North Carolina Wilmington.
- \*Heinlein, B. 2017 – 2018. Effects of different baits and human scent on mesocarnivore detection at camera traps. *Honors Thesis*, University of North Carolina Wilmington.
- Bratley, K. 2017 – 2018. Modeling urban encroachment on the agricultural land on the Nile Delta using advanced geospatial technology. *Honors Thesis*, University of North Carolina Wilmington.
- Kokos, A. 2015 – 2016. Effectiveness of the Endangered Species Act in regards to ecological and economic tension. *Honors Thesis*, University of North Carolina Wilmington.

## **GRANTS RECEIVED (Underlined names are student co-PIs)**

- Urbanek, R. E and M. N. Gillikin. 2019. Movements and Survivorships of Rehabilitated Bears. 2019. North Carolina Wildlife Resources Commission. \$24,263.
- Urbanek, R. E. 2018. The Wildlife Society Conference Grant. North Carolina Chapter of The Wildlife Society. \$535.
- Gagne, S., N. Kaza, R. E. Urbanek, and C. Dumas. 2018. Creating an interdisciplinary network to investigate the drivers of urban biodiversity. UNC Inter-institutional Planning Grant Program. \$22,000.
- Urbanek, R. E. and S. Coomer. 2018. AFWA website and search portal. Association of Fish and Wildlife Agencies. \$2,000.
- Urbanek, R. E., and C. Dumas. 2017. Public interactions and attitudes towards coyotes and their management in New Hanover County. UNCW Community Engagement Grant. \$3,427.
- Heinlein, B., and R. E. Urbanek. 2017. Effects of different baits and human scent on mesocarnivore detection at camera traps. North Carolina Trappers Association Professional Education Furbearer Grants Program to Promote Furbearer Management and Responsible Trapping as a Wildlife Management Tool. \$1,000.
- Flaherty, L., P. Zollner, V. Quinn, D. Wood, and R. E. Urbanek. 2017. Training Students to Attend a Professional Conference. Innovation in Teaching Award. Association of Public and Land-Grant Universities. \$3,000.
- Urbanek, R. E. 2017. College of Arts and Sciences Faculty Travel Initiative. \$1,000.
- Urbanek, R. E. 2017. Pilot Fox Study, Phase I. North Carolina Wildlife Resources Commission. \$30,318.
- Urbanek, R. E. 2015. Travel Funds to the International Wildlife Society Conference. Faculty International Travel Grant, Department of International Programs, UNCW. \$1,000.
- Grooms, B., and R. E. Urbanek. 2015. Quantifying Avian Community Metrics in Arkansas State Parks for Management of Non-consumptive Trail Use. Arkansas Audubon Society Trust. \$500.
- Urbanek, R. E. 2015. Travel Funds to the International Urban Wildlife Conference. Professional Development Grant, Arkansas Tech University. \$1,188.
- Urbanek, R. E. 2014. Precision and Bias of Citizen Science Taxonomic Surveys within Arkansas State Parks. Arkansas Center for Energy, Natural Resources and Environmental Studies, Arkansas Tech University. \$9,056.
- Urbanek, R. E., and C. Kellner. 2014. Student Research, Networking, and Professional Exposure of the Fish and Wildlife Undergraduate and Graduate Programs. Faculty Research Grant, Arkansas Tech University. \$1,196.
- Kleinschmidt, L., M. Lombardi, J. Schluterman, and R. E. Urbanek. 2014. Educational Seminar Series Stressing the Importance of Research in Wildlife and Fisheries Management. Professional Development Grant, Arkansas Tech University. \$3,245
- Urbanek, R. E. 2013. Feral Cat Survival and their Interspecific Interactions with Exurban Wildlife. Arkansas Center for Energy, Natural Resources and Environmental Studies. Arkansas Tech University. \$2,690.
- Urbanek, R. E. 2013. Travel to the 20<sup>th</sup> Annual Wildlife Society Conference. Professional Development Grant, Arkansas Tech University. \$2,146.
- Nielsen, C. K., and R. E. Urbanek. 2013-14. Mesopredator control and assessment of Blanding's turtle nest Success. Lake County Forest Preserve District, Illinois. \$22,770.



- Urbanek, R. E. 2012. Ecology of exurban feral cats. Arkansas Center for Energy, Natural Resources and Environmental Studies, Arkansas Tech University. \$14,926.
- Nielsen, C. K., and R. E. Urbanek. 2011. Informing deer management in McHenry County, Illinois, using assessments of human attitudes and factors affecting deer density. McHenry County (IL) Conservation District, Illinois. \$11,000.
- Urbanek, R. E. 2010. Student Travel Grant. The Wildlife Society. \$440.

## **AWARDS**

- 2020 Wildlife “Hero”n Award, NC Chapter of The Wildlife Society.
- 2018 Wildlife “Hero”n Award, NC Chapter of The Wildlife Society.
- 2013 Richard and Donna Falvo Outstanding Dissertation Award (Best Dissertation at the university 2012-13), \$1000, Graduate School, Southern Illinois University Carbondale, IL.
- 2012 Richard R. Kudo Memorial Award (Best Thesis/Dissertation in Zoology Department for 2012-13), \$200, Zoology Department, Southern Illinois University Carbondale, IL.
- 2012 Director’s Outstanding Ph.D. Student Award, \$500, Cooperative Wildlife Research Laboratory, Southern Illinois University Carbondale, IL.
- 2012 University Women’s Professional Advancement Travel Award \$100, Southern Illinois University Carbondale, IL.
- 2012 Student Travel Award \$500, 25<sup>th</sup> Vertebrate Pest Conference, Monterey, CA
- 2012 Graduate Dissertation Research Assistantship Award \$5900, College of Science, Southern Illinois University Carbondale, IL.
- 2011 TWS North Central Section Outstanding Wildlife Student Award \$500, 72<sup>nd</sup> MFWFC, Des Moines, IA (1<sup>st</sup> recipient ever to win this award)
- 2011 Janice Lee Fenske Memorial Award for Outstanding Students Finalist, 72<sup>nd</sup> MFWFC, Des Moines, IA.
- 2010 Illinois Federation for Outdoor Resources Graduate Scholarship \$500, Cooperative Wildlife Research Laboratory, Southern Illinois, University Carbondale, IL.
- 2010 Janice Lee Fenske Memorial Award for Outstanding Students Finalist, 71<sup>st</sup> MFWFC, Minneapolis, MN.
- 2010 TWS Annual Photo Contest \$40, Best in Show, 1<sup>st</sup> place, 17<sup>th</sup> Annual Conference, Snowbird, UT.