

Amanda E. Cheeseman

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Department of Natural Resource Management
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Education

- Ph.D. Fish and Wildlife Biology and Management. State University of New York College of Environmental Science of Forestry (SUNY-ESF), Syracuse, NY. 2017
Dissertation: *Factors limiting recovery of the New England Cottontail in New York*
- M.S. Biology. Fort Hays State University, Hays, KS. 2013
Thesis: *Stable isotope analysis of two Mephitidae species reflects population trends and landscape structure*
- B.S. Zoology. Michigan State University, East Lansing, MI. 2009
Thesis: *Effects of red squirrel predation on white spruce cone morphology and evolution*

Appointments

- Assistant Professor, South Dakota State University 2021 – Present
- Adjunct Assistant Professor, SUNY-ESF 2021 – Present
- Theodore Roosevelt Postdoctoral Scholar 2017 - 2022
Project Coordinator for the New York Mammal Survey SUNY-ESF
Supervisors: Dr. Jacqueline Frair, Dr. Shannon Farrell
Distribution and status of New York mammals
Supervisor: Dr. Jonathan Cohen
Co-PI: Adaptive management of New England cottontail in the face of competition with eastern cottontail and decision support tool for managing New England cottontail populations in a fragmented landscape
Wildlife research and management support; best management practices for promoting New England cottontail survival and occupancy in New York
- Canid Camera Project Director, SUNY-ESF 2016 - 2021
PI: Citizen science camera trapping project evaluating the impacts of forestry management practices on wildlife URL: BIT.LY/CanidCamera
- Wildlife Consultant, Friends of the Great Swamp (FrOGS) 2017 - 2018
Site-specific management recommendations to encourage and maintain site occupancy by New England cottontail
- Graduate Research Assistant, SUNY-ESF 2013 - 2017
Advisor: Dr. Jonathan Cohen
Factors limiting recovery of the New England Cottontail in New York
- Project Assistant, Cary Institute of Ecosystem Studies 2013
Supervisors: Dr. Taal Levi, Dr. Rick Ostfeld
Interactions between mammalian populations, ticks, and Lyme disease risk to humans
- Graduate Research Assistant, Fort Hays State University 2010 - 2013
Advisor: Dr. Elmer Finck
Co-PI: Stable isotope analysis of two Mephitidae species reflects population trends and landscape structure
Recipient of Outstanding Thesis Award
- Volunteer Research Assistant, Fort Hays State University 2011 - 2012
Effects of wind farms on mesocarnivore occupancy. Graduate Assistant: Brian Tanis

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- Effects of trap-neuter-release programs on free roaming domestic cat populations.* Graduate Assistant: Brian Gaston
Research Assistant, GIS Technician, Michigan State University 2009 - 2010
Supervisors: Dr. Megan Woltz, Dr. Douglas Landis
*Landscape diversity and the biological control of soybean aphids; Effects of biofuel crop production on biodiversity;
Transient foraging of lady beetles; Monitoring abundance of predatory insects at the Kellogg Biological Station part of
the Long-Term Ecological Research Network (LTER)*
- Volunteer Research Assistant, Michigan State University 2007 - 2008
Supervisor: Dr. Andrew McAdam
Kulane Red Squirrel Project; Effects of red squirrel predation on white spruce cone morphology and evolution

Publications ^(U)undergraduate student, ^(G)graduate student, ^(A)advisee)

- ^(G)DV Eline, JB Cohen, TJ McGreevy Jr., CM. Whipps, and **AE Cheeseman**. 2023. Behavior as a rapid indicator of reintroduction and translocation success for a cryptic species. *Journal of Mammalogy*.
[HTTPS://DOI.ORG/10.1093/JMAMMAL/GYAD023](https://doi.org/10.1093/jmammal/gyad023)
- ^(G)DV Eline, JB Cohen, CM. Whipps, **AE Cheeseman**. 2023. Habitat management to reduce competitive interactions: Case study of native and invading cottontails. *Journal of Wildlife Management*. 70:710-729.
[HTTPS://DOI.ORG/10.1002/JWVG.22327](https://doi.org/10.1002/jwmg.22327)
- Al Kovach, **AE Cheeseman**, JB Cohen, CD Rittenhouse, CM Whipps. 2022. Separating proactive conservation from species listing decisions. *Environmental Management*. [HTTPS://DOI.ORG/10.1007/S00267-022-01713-9](https://doi.org/10.1007/s00267-022-01713-9)
- AE Cheeseman**, BP Tanis, EJ Finck. 2021. Temporal assessment of Eastern Spotted Skunk geographic distribution. *Southeastern Naturalist* 20(sp11):24-28. [HTTPS://DOI.ORG/10.1656/058.020.0SP1104](https://doi.org/10.1656/058.020.0sp1104)
- AE Cheeseman**, BP Tanis, EJ Finck. 2021. Quantifying temporal variation in dietary niche to reveal drivers of past population declines. *Functional Ecology* 35:930-941. [HTTPS://DOI.ORG/10.1111/1365-2435.13765](https://doi.org/10.1111/1365-2435.13765)
- AE Cheeseman**, JB Cohen, SJ Ryan, CM Whipps. 2021. Is conservation based on best available science creating an ecological trap for an imperiled lagomorph? *Ecology and Evolution* 11:912-930. [HTTPS://DOI.ORG/10.1002/ECE3.7104](https://doi.org/10.1002/ece3.7104)
- Whipps CM, **AE Cheeseman**, KA Fox, JB Cohen. 2020. Evaluation of cottontail pellets collected in suboptimal conditions for DNA analysis. *Wildlife Society Bulletin* 44: 182-190. [HTTPS://DOI.ORG/10.1002/WSB.1073](https://doi.org/10.1002/wsb.1073)
- AE Cheeseman**, JB Cohen, CM Whipps, Al Kovach, SJ Ryan. 2019. Hierarchical population structure of a rare lagomorph indicates recent fragmentation has disrupted metapopulation function. *Conservation Genetics* 20: 1237-1249. [HTTPS://DOI.ORG/10.1007/S10592-019-01206-Z](https://doi.org/10.1007/s10592-019-01206-z)
- AE Cheeseman**, JB Cohen, SJ Ryan, CM Whipps. 2019. Determinants of home range size of imperiled New England and introduced eastern cottontails. *Canadian Journal of Zoology* 97: 516-523. [HTTPS://DOI.ORG/10.1139/CJZ-2018-0277](https://doi.org/10.1139/cjz-2018-0277)
- AE Cheeseman**, SJ Ryan, CM Whipps, JB Cohen. 2018. Competition alters seasonal resource selection and promotes use of invasive shrubs by an imperiled native cottontail. *Ecology and Evolution* 8: 11122-11133.
[HTTPS://DOI.ORG/10.1002/ECE3.4580](https://doi.org/10.1002/ece3.4580)
- Ryan SJ, EJ Gavard, **AE Cheeseman**, JB Cohen, CM Whipps. 2016. Reference and baseline hematocrit measures for the threatened New England cottontail (*Sylvilagus transitionalis*) and comparison with sympatric eastern cottontail (*Sylvilagus floridanus*) rabbits. *Journal of Zoo and Wildlife Medicine* 47: 659-662. [HTTPS://DOI.ORG/10.1638/2015-0157.1](https://doi.org/10.1638/2015-0157.1)

TECHNICAL REPORTS

- AE Cheeseman**, JB Cohen. 2019. Best Management Practices for the New England Cottontail, New York.
- AE Cheeseman**, JB Cohen, CM Whipps. 2018. Adaptive management of New England cottontail in the face of competition with eastern cottontail and decision support tool for managing New England cottontail populations in a fragmented landscape. Annual Progress Report. New York State Department of Environmental Conservation.

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3. **AE Cheeseman**, JB Cohen, CM Whipps, SJ Ryan. 2014, 2015, 2016, 2017. Limiting New England Cottontail (*Sylvilagus transitionalis*) Populations in New York: Implications for Habitat Restoration. Annual Progress Report. New York State Department of Environmental Conservation.
4. **AE Cheeseman**, EJ Finck. 2013. Diet and decline of the eastern spotted skunk (*Spilogale putorius*). Final Report. Kansas Department of Wildlife, Parks, and Tourism.
5. **AE Cheeseman**, EJ Finck. 2012. Diet and decline of the eastern spotted skunk (*Spilogale putorius*). Annual Report. Kansas Department of Wildlife, Parks, and Tourism.

IN REVIEW

1. EO Aikens, ^{G†}J Speiser, ^{G†}K Choki, ^GA Weesies, ^GJ Tillery, ^GS Ryder, ^GE Lafferty, **AE Cheeseman**, WJ Severud, S Hall. Challenging conventional views on the elevational limits of pronghorn habitat.
2. Rooney et al. SNAPSHOT USA 2022: Year 4 of the coordinated national camera trap survey of the United States.
3. CD Diggins, **AE Cheeseman**, C Lorenzo, M Zimova, HC Lanier, J Antonio Guerrero, JJ Root, JB Lench. Current and Emerging Threats to North American Lagomorphs.
4. H Shamon et al. SNAPSHOT USA 2021: A third coordinated national camera trap survey of the 2 United States – first trends.
5. ^GEA Chaudhry, **AE Cheeseman**, JB Cohen, CM Whipps, CJ Downs. Environmental stress in New England cottontails (*Sylvilagus transitionalis*) is mitigated by high-quality habitat.
6. ^GKM White, **AE Cheeseman**, JD Stafford, RC Lonsinger. Pasture and mean diurnal temperature are key predictors of regional plains spotted skunk distribution.

MANAGEMENT PLANS

1. New York State Parks, 2018. Target: Young forest, New England cottontail, young forest species. 5 acres. Completed 2019.
2. Private Property, 2018. Target: Young forest, New England cottontail, young forest species. 10 acres. Completed 2018.
3. Friends of the Great Swamp, 2017. Target: Young forest, New England cottontail, young forest species. 5 acres. Completed 2017.

Research Grants (Total: \$1,154,990; ^Ggraduate student, [†]advisee)

1. **AE Cheeseman**. 2022. **\$32,000**. Badlands Bombing Range Small Mammals Project. United States Forest Service
2. **AE Cheeseman**, Silka Kempema. 2024. **\$230,932**. Effects of prescribed fire on mammals in central South Dakota. South Dakota Game Fish and Parks
3. **AE Cheeseman**, Steven Chipps. 2023. **\$149,336**. Systematic Surveys to Address Knowledge Gaps for Bats of Conservation Need in the Prairie Pothole Region. United States Fish and Wildlife Service
4. **AE Cheeseman**. 2023. **\$149,336**. Systematic Surveys to Address Knowledge Gaps for Bats of Conservation Need. United States Fish and Wildlife Service
5. ^{G†}E Macklin, **AE Cheeseman**. 2023. **\$40,000**. Factors influencing imperiled Pinyon Jay nesting habitat. Colorado Field Ornithologists
6. **AE Cheeseman**, D. Roeder. 2022. **\$111,403**. Impacts of land management on habitat use and colony site selection of Pinyon Jay. United States Bureau of Land Management
7. **AE Cheeseman**. 2022. **\$19,000**. Badlands Bombing Range Small Mammals Project. United States Forest Service
8. Cohen JB, **AE Cheeseman**. 2021. **\$103,442**. A collaborative approach for adaptive management of imperiled young forest dependent wildlife in Massachusetts. Natural Resources Conservation Service Conservation Innovation Grants
9. Downs C, JB Cohen, CM Whipps, **AE Cheeseman**. 2020. **\$59,978**. Assessing the physiological condition and diet of the Imperiled New England cottontail in newly-restored early successional forest. USDA McIntire-Stennis Program
10. **AE Cheeseman**, JB Cohen. 2018. **\$6,213**. Monitoring New England cottontail response to targeted forest management. Independent Contribution
11. **AE Cheeseman**. 2018. **\$2,000**. Impacts of targeted shrubland management on non-target species. American Wildlife Conservation Foundation

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12. **AE Cheeseman**, JB Cohen, CM Whipps. 2018. **\$551,276**. Adaptive management of New England cottontail in the face of competition with eastern cottontail. New York State Department of Environmental Conservation
13. *Cohen JB, **AE Cheeseman**, CM Whipps, SJ Ryan. 2017. **\$147,244**. Wildlife research and management support: best management practices for promoting New England cottontail survival and occupancy in New York. New York State Department of Environmental Conservation
14. *Cohen JB, **AE Cheeseman**. 2016. **\$5,000**. New England cottontail habitat use, dispersal, and survival in New York. Independent Contribution
15. *Cohen JB, CM Whipps, **AE Cheeseman**. 2015. **\$51,929**. Assessing use of newly-restored early successional forest by the imperiled New England cottontail, using genetic dispersal analysis. USDA McIntire-Stennis Program
16. **AE Cheeseman**. 2012. **\$1,500**. Spatial and temporal diet analysis of the Mephitidae, as determined by $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ isotope analysis. Kansas Academy of Science Student Research Grant
17. Finck EJ, **AE Cheeseman**. 2011. **\$56,005**. Diet and decline of the eastern spotted skunk, *Spilogale putorius*. Kansas Department of Wildlife, Parks, and Tourism State Wildlife Grant

*Co-led project development, writing, and implementation, but could not hold PI status as student

Honors and Awards

- 2023. Best Open Presentation. South Dakota Chapter of The Wildlife Society
- 2017. \$250. Student Travel Grant. The Wildlife Society
- 2015. New England Cottontail Conservation Award. US Fish and Wildlife Service
- 2015. \$507. Student Travel Grant. 5th International Wildlife Management Congress, International Lagomorph Society
- 2015. \$1,200. OIGS Graduate Student Travel Grant. 5th International Wildlife Management Congress, SUNY-ESF
- 2014. \$100. Best Overall Poster. 94th Annual Meeting, American Society of Mammalogists
- 2014. \$6,370. Sussman Internship. Edna Bailey Sussman Foundation
- 2013. \$100. Outstanding Thesis/Field Study Award. Fort Hays State University
- 2013. \$100. Master's Student Presentation Award, 3rd place. 145th Annual meeting, Kansas Academy of Science
- 2012. \$500. Student Travel Grant. The Wildlife Society
- 2011. \$7,000. Fleharty Fellowship. Fort Hays State University
- 2012. \$200. Best Student Paper Award. 2012 Kansas Natural Resource Conference, Kansas Chapter of the Wildlife Society
- 2012. Kansas Natural Resource Conference Student Scholarship. Kansas Natural Resource Conference

Advising

- 2024 - Present. Briana All, SDSU, M.S. Track
- 2023 - Present. Karma Choki, SDSU, M.S. Track
- 2023 - Present. Emily Macklin, SDSU, M.S. Track. *Awards*: Kenneth H. Husmann Memorial Scholarship, South Dakota Ornithologists Union
- 2022 - Present. Jessica Speiser, SDSU, M.S. Track. *Awards*: Outstanding MS Student, South Dakota Chapter of The Wildlife Society; Outstanding Wildlife MS Student, SDSU
- 2018 - 2021. Drew Eline, SUNY-ESF, M.S. (co-advisor: Dr. Jonathan Cohen), An Evaluation of Adaptive Forest Management for New England Cottontail

COMMITTEE MEMBER (*Graduate Faculty Representative)

- 2023 - Present. *Meenu Singh Sengar, SDSU, PhD Track
- 2023 - Present. Eaqan Chaudhry, SUNY-ESF, PhD Track
- 2022 - Present. Amadeu dos Santos Neto, SDSU, PhD Track
- 2022 - Present. Erica Lafferty, SDSU, MS Track
- 2021 - Present. Hannah Mulligan., SDSU, MS Track
- 2021 - Present. Kara White. PhD Track, SDSU
- 2021 - 2023. *Dominic Meyers, SDSU, MA. *A rhetorical analysis of Narrative Paradigm Theory and Parsocial Relationships*

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2020 - 2022. Brittne Fleming. MS, SUNY-ESF. *Origins of Greater and Lesser Scaup in the Atlantic flyway using stable isotopes*

2019 - 2020. Sarah Collins, MPS, SUNY-ESF.

Teaching Experience

INSTRUCTOR

Ecological Modelling	2024 - Present
Wildlife Bayesian Statistics	2023 - Present
Mammalogy/ Mammalogy Lab, SDSU	2022 - Present
Habitat Conservation and Management/ Habitat Conservation and Management Lab, SDSU	2021 - Present
Natural Resource Management Techniques, SDSU	2022 - Present
Field Internship	2021 - Present (as needed)
Undergraduate Research Experience	2023 - Present (as needed)
Wildlife Techniques, SUNY-ESF	2021
Undergraduate Research Apprenticeship, SUNY-ESF	2017 - 2021
WinBUGS for Ecologists, SUNY-ESF	2019 - 2020
Intro to Occupancy Estimation, SUNY-ESF	2019

GUEST LECTURE

Metapopulation Management; Principals of Wildlife Management	2021, 2022
R and Reproducible Research; Using R as a Geographic Information System (GIS), SUNY-ESF	2019

GRADUATE TEACHING ASSISTANT

Undergraduate Research Apprenticeship, SUNY-ESF	2014
Wildlife Ecology and Management, SUNY-ESF	2013 - 2014
Mammalogy Lab, Fort Hays State University	2011
Laboratory Experiences in Biology, Fort Hays State University	2010 - 2011
Zoology Laboratory, Fort Hays State University	2010 - 2011

WORKSHOPS

Geospatial Analysis in R. Accessible on [GitHub](#)

17 July 2023. International Mammal Congress, In person, 41 Participants

10 March 2023. South Dakota Chapter of The Wildlife Society, In person, 15 Participants

28 April 2021. Northeast Association of Fish and Wildlife Agencies Annual Conference, Virtual Workshop, 48 Participants

22 October 2020. The Wildlife Society Annual Conference, Virtual Workshop, 47 Participants

30 September 2020. The Wildlife Society Annual Conference, Virtual Workshop, 47 Participants

25 September 2020. Roosevelt Wild Life Station, SUNY-ESF, Virtual Workshop, 43 Participants

Professional Service

Board Member, North American Lagomorph Working Group	2022 - Present
American Society of Mammalogists Human Diversity Committee	2022 - Present
Board Member, South Dakota Chapter of The Wildlife Society	2021 - Present
New England Cottontail Population Working Group	2018 - Present
IUCN SSC Lagomorph Specialist Group: Specialty <i>Sylvilagus transitionalis</i>	2017 - Present
American Society of Mammalogists Membership Committee	2013 - Present
Organized symposium: North American Lagomorphs, The Wildlife Society	2023
Treasurer, Northeast Section of The Wildlife Society	2021 - 2022
New England Cottontail Academic Research Group – meeting coordinator	2017 - 2022

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Organized special symposium: <i>Knowns and Unknowns of New England Cottontail Conservation</i> , Northeast Association of Fish and Wildlife Agencies	2018
Ad-hoc Advisory Group, Revisions to the New England Cottontail Regional Monitoring Effort	2017
American Society of Mammalogists Conservation Committee	2012 - 2015
Panel Member, Applying to Graduate School. Student Chapter of the Wildlife Society, SUNY-ESF	2013, 2014
Graduate Advisory Committee, Student Chapter of the Wildlife Society, SUNY-ESF	2013

REVIEWER

CABI publishers, Climate Change Ecology; Ecological Applications; Ecosphere; Hystrix, the Italian Journal of Mammalogy; Journal of Fish and Wildlife Management; Journal of Wildlife Management; Landscape Ecology; Northeastern Naturalist; PLOS One, Prairie Naturalist, Southeastern Naturalist

Professional Memberships

American Society of Mammalogists (Since 2011, Life Member); The Wildlife Society (Since 2012; South Dakota Chapter 2021 - Present; New York Chapter 2020-2022; Northeast Section 2020 - Present); Ecological Society of America (Since 2012); World Lagomorph Society (Since 2015); Sigma Xi Scientific Research Society (2015-2017); The Wildlife Society Kansas Chapter (2012-2013); Central Plains Society of Mammalogists (2010-2013)

Professional Development Workshops

Nimble Training Workshop, 26-28 May 2021. Instructor: Chris Paciorek
Decision Support Tool; R Shiny, 2 February – 2 March 2021. Instructors: Dennis Valle, Lyndsie Wszola, Chad Palmer
Identification of Plants in Winter, 20 January 2019. Instructor: New York Flora Association.
Advanced Occupancy Estimation, 20-24 March 2017. Instructor: Darryl MacKenzie.
Modeling Patterns and Dynamics of Species Occurrence Course, 13-17 March 2017. Instructor: Darryl MacKenzie.
Landscape Genetics, 13 January – 4 May 2016. Instructors: Helene Wagner, Melanie Murphy, and Lisette Waits.
Applied Hierarchical Modelling in Ecology, 9-13 November 2015. Instructors: Marc Kéry, Andy Royal.
Spatial Capture Recapture, 2-4 April 2014. Instructors: Andy Royal, Chris Sutherland.

Presentations

(*speaker, ^uundergraduate student, ^Ggraduate student, [†]advisee)

INVITED

1. **AE Cheeseman**. Ecosystems, exploitation, & extremes: Wildlife management in the Anthropocene. University of South Dakota Department of Biology Seminar Series. 25 September 2023.
2. Kovach, AI*, **AE Cheeseman**, C Rittenhouse, T Rittenhouse, JB Cohen. A new understanding of New England Cottontail status, threats & recovery: implications for adaptive management. Young Forest Conservation Initiative Executive Committee Meeting, virtual, 11 March 2022.
3. **AE Cheeseman***, BP Tanis, EJ Finck. Temporal Assessment of Eastern Spotted Skunk Geographic Distribution. Eastern Spotted Skunk Cooperative Study Group. Virtual meeting. 16 September 2021.
4. **AE Cheeseman**, ^GML Stantial, JB Cohen*. Plovers and rabbits: the challenge of recovering early successional species. University of Connecticut seminar, Storrs, CT, 20 October 2017.
5. ^G**AE Cheeseman***, JB Cohen, CM Whippis, SJ Ryan. The influence of invasive species on habitat use and dispersal of the New England cottontail, an imperiled endemic lagomorph in a human-dominated landscape. Wildlife Management Congress. Symposium: International and Collaborative Approaches to Lagomorph Conservation in a Changing World, Sapporo, Japan, 26-30 July 2015.
6. Ryan SJ*, ^GEJ Gavard, JB Cohen, ^G**AE Cheeseman**, CM Whippis. The effect of an introduced competitor and non-native forage plants on parasites and body condition of the New England cottontail in fragmented habitat. Wildlife

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Management Congress. Symposium: International and Collaborative Approaches to Lagomorph Conservation in a Changing World, Sapporo, Japan, 26-30 July 2015.

CONTRIBUTED

1. *Upcoming*: ^UK Boland*, D Eline, J Cohen, **AE Cheeseman**. Poster. Characterization of daytime resting sites of New England and eastern cottontail. The Wildlife Society, Louisville, KY, 5-9 November 2023.
2. *Upcoming*: C Diggins*, **AE Cheeseman**, H Lanier, M Zimova. Conservation status and threats of North American lagomorphs. The Wildlife Society, Louisville, KY, 5-9 November 2023.
3. *Upcoming*: A Kovach*, **AE Cheeseman**, J Cohen, C Rittenhouse, T Rittenhouse. Challenges Facing Recovery of New England Cottontail After a Decade of Conservation. The Wildlife Society, Louisville, KY, 5-9 November 2023.
4. *Upcoming*: SM Bergeson et al. Optimizing and Standardizing Non-invasive Survey Methods for Weasels. The Wildlife Society, Louisville, KY, 5-9 November 2023.
5. *Upcoming*: ^GK White*, **AE Cheeseman**, J Stafford, R Lonsinger. Poster. Plains Spotted Skunk Home Range and Third-Order Resource Selection in Eastern South Dakota. The Wildlife Society, Louisville, KY, 5-9 November 2023.
6. E Macklin*, **AE Cheeseman**. Impacts of land management and colony site selection of Pinyon Jays. South Dakota Ornithologists Union, SD. 30 September 2023.
7. CA Calderón-Acevedo, JP Twining, MC Berger, **AE Cheeseman**, M Schlesinger, J Frair. Small mammal abundance and distribution in New York, insights from a statewide multi-species survey. International Mammal Congress, Anchorage, AK, 14-20 July 2023.
8. SG Mech, **AE Cheeseman**, The Membership Committee of the American Society of Mammalogists. Changing topics: Presentations at the Annual Meetings of the American Society of Mammalogists 2008-2022. International Mammal Congress, Anchorage, AK, 14-20 July 2023.
9. ^GM Shaw*, B DeGregorio, C Roberts, B Sasse, **AE Cheeseman**, C Perkins, Z Cordes. Habitat Associations of the Plains Spotted Skunk (*Spilogale interrupta*) in the plains ecoregion. Southeastern Bat Diversity Network / Spotted Skunk Working Group Conference, Jonesboro, AR, 8-10 March 2023.
10. CA Calderón Acevedo, JP Twining, ^GMC Berger, **AE Cheeseman**, M Schlesinger, and J Frair. The New York Mammal Survey. Northeast Natural History Conference, Burlington, VT, 21-23 April 2023.
11. *Award*: **AE Cheeseman**. Applications in wildlife and habitat management at South Dakota State University. South Dakota Chapter of the Wildlife Society, Oacoma, SD, 8-10 March 2023.
12. ^UK Boland*, DV Eline, JB Cohen, **AE Cheeseman**. Poster. Characterization of daytime resting sites of New England and eastern cottontails. South Dakota Chapter of the Wildlife Society, Oacoma, SD, 8-10 March 2023.
13. ^GJ Speiser*, **AE Cheeseman**, C Cheek, R Lonsinger. Poster. Trail cameras as a non-invasive method to assess North American river otter habitat use and distribution. South Dakota Chapter of the Wildlife Society, Oacoma, SD, 8-10 March 2023.
14. ^GJ Speiser*, **AE Cheeseman**, C Cheek, R Lonsinger. Poster. Trail cameras as a non-invasive method to assess North American river otter habitat use and distribution. Midwest Fish and Wildlife Conference, Overland Park, KS, 12-15 February 2023.
15. ^UM Wilson*, **AE Cheeseman**. Poster. Rabbit hemorrhagic disease virus – serotype 2 (RHDV2) impacts on lagomorph detections. Snapshot USA 2022 Student Research Symposium, Virtual, 18 November 2022.
16. ^GM Shaw*, B DeGregorio, C Roberts, B Sasse, **AE Cheeseman**, C Perkins, Z Cordes. Poster. Habitat Associations of the Plains Spotted Skunk (*Spilogale interrupta*) in the plain's ecoregion. The Wildlife Society, Spokane, WA, 6-10 November 2022.
17. ^GKM White*, J Stafford, **AE Cheeseman**, RC Lonsinger. Predicted distribution of plains spotted skunk (*Spilogale interrupta*) in eastern South Dakota. The Wildlife Society, Spokane, WA, 6-10 November 2022.
18. ^GEA Chaudhry*, **AE Cheeseman**, JB Cohen, CM Whipps, CJ Downs. Stress associated with invasive Eastern Cottontails is mitigated by high quality habitats. The Wildlife Society, Spokane, WA, 6-10 November 2022.

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19. CD Diggins*, **AE Cheeseman**, C Lorenzo, M Zimova, HC Lanier, J Antonio Guerrero, JJ Root, JB Lench. Current and Emerging Threats to North American Lagomorphs. North American Lagomorph Working Group. Virtual. 17 October 2022.
20. **AE Cheeseman***, ^{G1}DV Eline, JB Cohen, CM Whipps, SJ Ryan, AI Kovach. Multidisciplinary approaches to recovering an imperiled cottontail in the presence of competing threats in a heavily impacted system. Word Lagomorph Society, Montpellier, France, 4-8 July 2022.
21. BP Tanis*, **AE Cheeseman**. Poster. Skunkoscapes. American Society of Mammalogists, Tucson, AZ, 17-21 June 2022.
22. ^{U1}R McAndrew*, **AE Cheeseman**, C Diggins, J Frair, M Schlesinger. Audio detectors, camera traps, and live trapping: a look into flying squirrel survey methods. Poster. American Society of Mammalogists, Tucson, AZ, 17-21 June 2022.
23. ^{G1}EA Chaudhry*, **AE Cheeseman**, JB Cohen, CM Whipps, CJ Downs. Using indirect metrics to evaluate how environmental stressors shape physiological condition in New England Cottontails. American Society of Mammalogists, Tucson, AZ, 17-21 June 2022.
24. ^{G1}EA Chaudhry*, **AE Cheeseman**, JB Cohen, CM Whipps, CJ Downs. Using indirect metrics of physiological condition to evaluate the impact of environmental stressors on New England Cottontails. New England cottontail technical committee meeting, Virtual, 11-12 January 2022.
25. **AE Cheeseman***, S Farrell, J Frair, M Schlesinger, J Racette, D Rosenblatt, A Fuller. Combining legacy data with field surveys to map species status. American Society of Mammalogists. Virtual. 14-18 June 2021.
26. ^{G1}DV Eline* **AE Cheeseman**, JB Cohen, T.J. McGreevy. Monitoring post-release behavior of wild and reintroduced New England cottontail. American Society of Mammalogists. Virtual. 14-18 June 2021.
27. **AE Cheeseman***, S Farrell, J Frair, J Gibbs, M Schlesinger. The New York Mammal Survey: Combining legacy data with field surveys to map species status. The Northeast Association of Fish and Wildlife Agencies, 26-28 April 2021.
28. ^{G1}DV Eline*, **AE Cheeseman**, JB Cohen. Adaptive management to promote an imperiled native cottontail over a non-native competitor. The Northeast Association of Fish and Wildlife Agencies, 26-28 April 2021.
29. **AE Cheeseman***, S Farrell, J Frair, M Schlesinger, J Racette, D Rosenblatt, A Fuller. Combining legacy data with field surveys to map species status. New York Chapter of the Wildlife Society. Virtual. 25 March 2021.
30. **AE Cheeseman***, S Farrell, J Gibbs. Combining field sampling and existing data to reveal statewide distributions of mammals. Virtual Conference. The Wildlife Society, 28 September-2 October 2020.
31. **AE Cheeseman***, JB Cohen, CM Whipps. Altered ecosystems and narrowed niches: habitat mediates survival of a threatened habitat specialist. American Society of Mammalogists, Washington, D.C., 28 June-2 July 2019.
32. ^{G1}Eline DV*, **AE Cheeseman**, JB Cohen. Poster. Adaptive management to promote an imperiled native cottontail over a non-native competitor. American Society of Mammalogists, Washington, D.C., 28 June 28-2 July 2019.
33. **AE Cheeseman***, JB Cohen. Challenges Facing New England Cottontail Recovery and Emerging Solutions. New York State Department of Environmental Conservation Bureau Meeting, Syracuse, NY, 27 February 2019.
34. **AE Cheeseman***, JB Cohen, CM Whipps. The Wood Rabbit: seasonality and competitive interactions affect selection for successional shrublands by New England cottontails. New England Cottontail Technical Committee Meeting, Great Barrington, MA, 15-17 January 2019.
35. **AE Cheeseman***, JB Cohen, CM Whipps. Factors influencing adult and juvenile survival of New England cottontails. New England Cottontail Technical Committee Meeting, Great Barrington, MA, 15-17 January 2019.
36. ^{G1}DV Eline*, **AE Cheeseman**, JB Cohen. Adaptive management to promote an imperiled native cottontail over a non-native competitor. New England Cottontail Technical Committee Meeting, Great Barrington, MA, 15-17 January 2019.
37. **AE Cheeseman***, JB Cohen, CM Whipps, AI Kovach. Genetic diversity and hierarchical population structure within a recently fragmented metapopulation of imperiled cottontails. American Society of Mammalogists, Manhattan, KS, 25-29 June 2018.
38. AI Kovach*, **AE Cheeseman**. Threats and Uncertainties Facing New England cottontail Metapopulations. Northeast Association Fish and Wildlife Agencies, Burlington, VT, 15-17 April 2018.

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39. **AE Cheeseman***, JB Cohen, SJ Ryan, CM Whipps. Competition alters seasonal resource selection and promotes use of invasive shrubs by an imperiled native cottontail. Northeast Association Fish and Wildlife Agencies, Burlington, VT, 15-17 April 2018.
40. **AE Cheeseman**, ^GSL Mello*, JB Cohen. Dispersal and population structure of New England cottontails in New York. New York Chapter of the Wildlife Society, Kingston, NY, 22-23 March 2018.
41. **AE Cheeseman***, JB Cohen, SJ Ryan, CM Whipps. Movement and dispersal in a rare native lagomorph and a common invasive competitor; implications for metapopulation management. The Wildlife Society, Albuquerque, NM, 23-27 September 2017.
42. ^G**AE Cheeseman***, JB Cohen, SJ Ryan, CM Whipps. Paper. Spatiotemporal determinants of home range size of imperiled New England and invasive eastern cottontails. American Society of Mammalogists, Moscow, ID, 20-24 June 2017.
43. ^G**AE Cheeseman***, JB Cohen, CM Whipps, SJ Ryan. Habitat selection of sympatric lagomorphs supports competition hypothesis, provides management suggestions for a declining lagomorph. American Society of Mammalogists, Minneapolis, MN, 24-28 June 2016.
44. ^GSJ Mello*, ^G**AE Cheeseman**, JB Cohen, CM Whipps, SJ Ryan. Invasive species, eastern cottontails, and an altered landscape; recovery challenges facing New York's native New England cottontail. Black Rock Forest / Highlands Research Symposium, Cornwall, NY, 22 June 2015.
45. ^G**AE Cheeseman***, JB Cohen, SJ Ryan, CM Whipps. Home range and habitat use of New England cottontails in New York. Northeast Fish and Wildlife Conference, New Port, RI, 19-21 April 2015.
46. ^G**AE Cheeseman***, JB Cohen, SJ Ryan, CM Whipps. Home range and habitat use of New England cottontails in New York. New England Cottontail Annual Technical Committee Meeting, Burlington, CT, 13-15 January 2015.
47. *Award:* ^G**AE Cheeseman***, JB Cohen, SJ Ryan, CM Whipps. Poster. Survival and home range of New England cottontail (*Sylvilagus transitionalis*) in response to hunting, competition, and habitat composition. American Society of Mammalogists, Oklahoma City, OK, 6-10 June 2014.
48. ^G**AE Cheeseman***. Long-term changes in diet composition of Kansas Mephitidae as determined by stable isotope mixed model analyses. Fleharty Fellowship Presentation to students and faculty of Fort Hays State University, Hays, KS, 9 April 2013.
49. *Award:* ^G**AE Cheeseman***, EJ Finck. Spatial and temporal diet analysis of two Mephitidae as determined by $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ stable isotope analysis. Kansas Academy of Science, Kansas City, KS, 5-6 April 2013.
50. ^G**AE Cheeseman***, EJ Finck. Spatial and temporal diet analysis of a declining mesocarnivore, the eastern spotted skunk. The Wildlife Society, Portland, OR, 13-18 October 2012.
51. ^G**AE Cheeseman***, EJ Finck. Effects of landscape structure on the diet of Kansas Mephitidae. Central Plains Society of Mammalogists, Cape Girardeau, MO, 5-6 October 2012.
52. ^G**AE Cheeseman***, EJ Finck. Paper. Spatial and temporal diet analysis of a declining mesocarnivore, the eastern spotted skunk (*Spilogale putorius*). American Society of Mammalogists, Reno, NV, 22-26 June 2012.
53. *Award:* ^G**AE Cheeseman***, EJ Finck. Stable isotope analysis of the diet of Kansas Mephitidae. Kansas Natural Resource Conference, Wichita, KS, 27-28 January 2012.
54. ^G**AE Cheeseman***, EJ Finck. Stable isotope analysis of the diet of Kansas Mephitidae. Central Plains Society of Mammalogists, Ames, IA, 7-8 October 2011.
55. ^G**AE Cheeseman***, EJ Finck. Poster. Temporal diet analysis of a declining mesocarnivore, the eastern spotted skunk (*Spilogale putorius*). American Society of Mammalogists, Portland, OR, 24-28 June 2011.

Broader Impacts

UNDERGRADUATE RESEARCH ADVISOR

Amanda E. Cheeseman

- 2023 – Present. Chloe Wiersema. SDSU. Coyote response to wolf activity in the United States.
- 2022 – Present. Kaylee Boland. SDSU. *Daytime resting location use by New England cottontails*.
Orville and Enolia Bentley Undergraduate Research Award: \$2000
- 2020 - 2022. Raymond McAndrew, SUNY-ESF, *Audio detectors, camera traps, and live trapping: a look into flying squirrel survey methods*
2022. Margaret Wilson. SDSU. *Snapshot USA: Response of wild North American Lagomorphs to RHDV2 outbreaks*.
- 2021 - 2022. Jessica Shirbroun. SDSU. *Weasel Occupancy in New York*
2021. Bethany Bespoyasny. SDSU. *Snapshot USA: Species Diversity in Relation to Water Source Distance*
2020. Matthew Aric Barkley, SUNY-ESF, *Effectiveness of a novel design for non-invasive sampling methods for small mammals: Combining a camera trap with a hair-snare*
2020. Kristen Leung Tan, SUNY-ESF, *Noninvasive methods to detect flying squirrels*
2019. Andrew Franceschini Miller, SUNY-ESF, *Mammal Atlas: Dichotomous key for New York mammals*
2019. Sophia Miller, SUNY-ESF, *Investigating the difference in species richness and diversity in shrublands and mature forest in the lower Hudson Valley region of New York*
2018. Antoinette Esposito, SUNY-ESF, *Occupancy study of black bears in the Hudson Valley, NY*

PUBLIC OUTREACH (*SPEAKER)

- Presentation: **AE Cheeseman***. Into the Thicket: Recovering our Native New England Cottontail. Catskill Forest Fair, Margaretville, NY, 27 July 2019.
- Presentation: **AE Cheeseman***. Living on Burrowed Time: The life history and decline of our native cottontail. Great Hollow Nature Preserve & Ecological Research Center, New Fairfield, CT, 24 February 2019.
- Presentation: **AE Cheeseman***. Natural History of the New England Cottontail. Friends of the Great Swamp Annual Meeting, Pawling, NY, 8 April 2018.
- Presentation and Tour Guide: **AE Cheeseman***. Young Forest Management and the New England Cottontail. SUNY Purchase Wildlife students, Patterson, NY, 12 March 2018.
- Town Hall Presentation: **AE Cheeseman***, JB Cohen. Our Native Rabbit: the New England Cottontail. Doodletown Wildlife Management Area Young Forest Forum, Copake, NY, 4 December 2017.
- Presentation: **AE Cheeseman***, JB Cohen. New England Cottontail in the Lower Hudson River Valley. Roosevelt Wildlife Station Honorary Advisory Council Meeting, Chappaqua, NY, 20 July 2017.
- Presentation: **AE Cheeseman***. A Brush with Bunnies: Perils Facing Native Cottontails in a Changing Landscape. Onondaga Audubon Seminar Series, Baldwinsville, NY, 8 February 2017.
- Public Field Day Guide: **AE Cheeseman***. Early Successional Forests. New York State Department of Environmental Conservation and Friends of the Great Swamp, Patterson, NY, 21 May 2016.
- Presentation: **AE Cheeseman***. A Brush with Bunnies: Perils Facing Native Cottontails in a Changing Landscape. Rockland Audubon Seminar Series, Congers, NY, 1 April 2016.
- Presentation: **AE Cheeseman***. A Brush with Bunnies: Perils Facing Native Cottontails in a Changing Landscape. 2015 Palisades Interstate Parks League of Naturalists Lyceum Seminar Series, Bear Mountain, NY, 12 April 2015.
- BioBlitz Mammalian Species Guide: **AE Cheeseman***. Onondaga Lake Bioblitz, Syracuse, NY, 12 September 2014.

PRESS

2023. Restoring the river otter. [SDSTATE RESEARCH](#).
2023. Conserving wildlife & your financial plans. In the Moment with Lori Walsh. [SOUTH DAKOTA PUBLIC BROADCASTING](#).
2023. Researchers at South Dakota State University building knowledge on river otters. [THE BROOKINGS REGISTER](#).
2023. South Dakota State University researchers investigating conservation solutions for Pinyon Jays. [THE BROOKINGS REGISTER](#).
2023. Two SDSU researchers attempt to learn more about South Dakota's otters. [RAPID CITY JOURNAL](#).
2023. Restoring the river otter. [NEWS @ SDSTATE](#).
2023. South Dakota State University does research into bird conservation. [SOUTH DAKOTA PUBLIC BROADCASTING](#).

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2023. SDSU researchers examine resurgence of river otters. [SOUTH DAKOTA PUBLIC BROADCASTING](#).
2023. SDSU researchers investigating conservation solutions for pinyon jays. [NEWS @ SDSTATE](#).
2021. Clearing Forests for Imperiled Rabbits may Instead Help Invasives. [THE WILDLIFE SOCIETY](#).
2019. 'Oh, Hi There.' Forest Cam Captures the Secret Lives of Animals. [THE NEW YORK TIMES](#).
2019. Studies in the Great Swamp: New England cottontail. [FRIENDS OF THE GREAT SWAMP FALL NEWSLETTER](#).
2019. Impacts of Targeted Shrubland Management on Non-target Species. American Wildlife Conservation Foundation Newsletter.
2019. Studies in the Great Swamp: New England cottontail. [FRIENDS OF THE GREAT SWAMP SPRING NEWSLETTER](#).
2019. Imported Eastern Cottontails Outcompete Native New England Cottontails. [NEWENGLANDCOTTONTAIL.ORG](#).
2019. Saving the New England Cottontail with SUNY-ESF's Amanda Cheeseman. [FROM THE FOREST](#), WIOX Radio.
2019. Tracking the New England cottontail. Catskill Forest Association Winter 2019 Newsletter.
2019. Canid Camera Focuses on Fostering Young Forests. [THE WILDLIFE SOCIETY](#).
2019. Going Green: Understanding Forest Management. Spectrum News.
2018. SUNY-ESF Researcher Develops Hudson Valley Wildlife Camera Project. [THE DAILY ORANGE](#).
2018. Who's Smiling on Canid Camera? [COOL GREEN SCIENCE](#).
2017. Residents Stew Over Plan to Boost Bunnies. [THE COLUMBIA PAPER](#).
2016. Tracking the Elusive New England Cottontail. [NATURE TIMES](#), New York State Department of Parks, Recreation, and Historic Preservation.
2014. Predator Study at State Parks. [NATURE TIMES](#), New York State Department of Parks, Recreation, and Historic Preservation.
2014. Hare-y Situation: SUNY-ESF Professor Researches Decline in New England Cottontail Rabbit Population. [THE DAILY ORANGE](#).