

CURRICULUM VITAE

-CODY W. THOMPSON-

Department of Ecology & Evolutionary Biology and Museum of Zoology
University of Michigan • 3600 Varsity Drive • Ann Arbor, Michigan 48108
Office: (734) 615-2810 • Cell: (319) 290-6386 • Email: cwthomp@umich.edu
Website: codythompson.org • Google Scholar: <https://goo.gl/KQpykU>

CURRENT APPOINTMENTS

University of Michigan-Ann Arbor

9/2013-present **Assistant Research Scientist**, Department of Ecology and Evolutionary Biology

6/2013-present **Research Collections Manager**, Mammal Division, Museum of Zoology

Texas Tech University-Lubbock

04/2016-present **Research Associate**, Natural Sciences Research Laboratory

EDUCATION

Doctor of Philosophy in Zoology, Texas Tech University-Lubbock (May 2013)

- Dissertation topic – Implications of hybridization between the Rio Grande ground squirrel (*Ictidomys parvidens*) and the thirteen-lined ground squirrel (*I. tridecemlineatus*)
- Graduate advisor – Dr. Robert D. Bradley

Master of Science in Biology, Fort Hays State University-Hays, Kansas (May 2008)

- Thesis topic – Identification and characterization of the contact zone between two species of short-tailed shrews (*Blarina*) in southern Iowa and northern Missouri
- Graduate advisor – Dr. Elmer J. Finck
- Honorable Mention Thesis/Field Study

Bachelor of Arts in Biology: Ecology and Systematics; Minor in Chemistry, University of Northern Iowa-Cedar Falls (May 2004)

- Undergraduate research topic – The reintroduction of the plains pocket gopher (*Geomys bursarius*) to the University of Northern Iowa's Prairie Preserve
- Undergraduate research mentor – Dr. James W. Demastes
- Graduated Cum Laude

ACADEMIC APPOINTMENTS

Texas Tech University-Lubbock

8/2007-5/2013 **Graduate Teaching Assistant**, Department of Biological Sciences

6/2012-7/2012 **Lecturer**, Department of Biological Sciences

1/2008-5/2008 **Graduate Curatorial Assistant**, Mammals, Natural Sciences Research Laboratory

Fort Hays State University-Hays, Kansas

8/2006-5/2007 **Graduate Research Assistant**, Department of Biological Sciences

8/2004-8/2006 **Graduate Curatorial Assistant**, Mammalogy, Sternberg Museum of Natural History

University of Northern Iowa-Cedar Falls

8/2003-5/2004 **Undergraduate Research Assistant**, Demastes Lab, Department of Biology

RESEARCH INTERESTS

- Ecological and evolutionary implications of hybridization in mammals
- Evolutionary patterns and processes of mammalian diversity
- General natural history of mammalian species

HONORS & AWARDS

- **President's Special Award** – American Society of Mammalogists (2016)
- **LSA Outstanding Team Award** – University of Michigan, College of Literature, Science & Arts (2015)
- **SGA/GSAC Graduate Student of the Year** – Texas Tech University (2013)
- **Summer Dissertation/Thesis Research Award** – Texas Tech University (2012)
- **Outstanding Teaching Assistant** – Texas Tech University, Dept. of Biol. Sci. (2010, 2011)
- **Preston and Ima Smith Endowed Graduate Scholarship** – Texas Tech University (2009, 2011)
- **J. Knox Jones, Jr. Memorial Endowed Scholarship** – Texas Tech University, Dept. of Biol. Sci. (2009)
- **Special Thanks for Achieving Results (STAR) Award** – U.S. Department of Interior (2004)

PUBLICATIONS (*Graduate Students; Undergraduate Students*)

2021

32. Bradley, R.D., N. Ordonez-Garza, **C.W. Thompson**, E.A. Wright, G. Ceballos, C.W. Kilpatrick, and D.J. Schmidly. Two new species of the *Peromyscus boylii* group (Cricetidae: Neotominae) from the Transverse Volcanic Belt of Mexico. *Journal of Mammalogy*, *in review*.
31. Kays, R., M. Lasky, M.L. Allen, R. Dowler, M.T.R. Hawkins, A.G. Hope, B.A. Kohli, V.L. Mathis, B. McLean, L. Olson, **C.W. Thompson**, D. Thornton, J. Widness, and M.V. Cove. What is a picture worth: which mammals can be identified from camera traps and citizen scientist photographs? *Journal of Mammalogy*, *in review*.
30. Colella, C.P. J. Bates, S.F. Burneo, M.A. Camacho, C.A. Carrión Bonilla, I. Constable, G. D'Elía, J.L. Dunnum, S. Greiman, E.P. Hoberg, E. Lessa, S.W. Liphardt, M. Londoño-Gaviria, E. Losos, H. Lutz, N. Ordóñez Garza, A.T. Peterson, M.L. Martin, C.C. Ribas, B. Struminger, F. Torres Pérez, **C.W. Thompson**, M. Weksler, and J.A. Cook. Leveraging natural history biorepositories as a global, decentralized, pathogen surveillance network. *PLOS Pathogens* 17:e1009583.
29. **Thompson, C.W.**, K.L. Phelps, M.W. Allard, J.A. Cook, J.L. Dunnum, A.W. Ferguson, M. Gelang, F.A.A. Khan, D.L. Paul, D.M. Reeder, N.B. Simmons, M.P.M. Vanhove, P.W. Webala, M. Weksler, and C.W. Kilpatrick. 2021. Preserve a voucher specimen! The critical need for integrating natural history collections in infectious disease studies. *mBio* 12:e02698-20.

2020

28. Colella, J.P., B.R. Agwanda, F.A.A. Khan, J. Bates, C.A. Carrión Bonilla, N.U. de la Sancha, J.L. Dunnum, A.W. Ferguson, S. E. Greiman, P.K. Kiswele, E.P. Lessa, P. Soltis, **C.W. Thompson**, M.P.M. Vanhove, P.W. Webala, M. Weksler, and J.A. Cook. 2020. Building international biorepository capacity. 2020. *Science* 370:773-774.
27. Colella, J.P., B.R. Agwanda, F.A.A. Khan, J. Bates, C.A. Carrión Bonilla, N.U. de la Sancha, J.L. Dunnum, A.W. Ferguson, S. E. Greiman, P.K. Kiswele, E.P. Lessa, P. Soltis, **C.W. Thompson**, M.P.M. Vanhove, P.W. Webala, M. Weksler, and J.A. Cook. 2020. Building

biorepository capacity internationally would stimulate more effective pathogen surveillance and mitigation: a response to Watsa et al. 2020 (electronic response to Watsa, M. et al. (2020) Rigorous wildlife disease surveillance. *Science* 369:145-147.

26. Cook, J.A., S. Arai, B. Armién, J. Bates, C.A. Carrion Bonilla, M.B. de Souza Cortez, J.L. Dunnum, A.W. Ferguson, F.A. Anwarali Khan, D.L. Paul, D.M. Reeder, N.B. Simmons, B.M. Thiers, **C.W. Thompson**, N.S. Upham, M.P.M. Vanhove, P.W. Webala, M. Weksler, R. Yanagihara, and P.S. Soltis. 2020. Integrating biodiversity infrastructure into pathogen discovery and mitigation of emerging infectious diseases. *BioScience* 7:531-534.

2019

25. *Walsh, L.L.*, C. Giffen, and **C.W. Thompson**. 2019. Teaching biodiversity with museum specimens in an inquiry-based lab. *CourseSource* 6:1-11.
24. **Thompson, C.W.**, F.B. Stangl, Jr., R.J. Baker, and R.D. Bradley. 2019 Ecological niche modeling identifies environmental factors influencing hybridization in ground squirrels (genus *Ictidomys*). Pp. 455-478, in *From Field to Laboratory: A Memorial Volume Honoring Robert J. Baker* (Robert D. Bradley, Hugh H. Genoways, David J. Schmidly, and Lisa C. Bradley, eds.). Special Publications of the Museum, Texas Tech University 71:1-911.
23. Phillips, C.D., J.L. Dunnum, R.C. Dowler, L.C. Bradley, H.J. Garner, K.A. MacDonald, B.K. Lim, M.A. Revelez, M.L. Campbell, H.L. Lutz, N. Ordóñez-Garza, J.A. Cook, R.D. Bradley, S.T. Alvarez-Castañeda, J.E. Bradley, L.N. Carraway, J.P. Carrera-E., C.J. Conroy, B.S. Coyner, J.R. Demboski, C.W. Dick, K. Doyle, J.A. Esselsytn, E. Gutierrez, J.D. Hanson, P.M. Holahan, T. Holmes, C.A. Iudica, R.N. Leite, T.E. Lee, J.L. Malaney, S.B. McLaren, N.D. Moncrief, L. Olson, E.A. Rickart, D.S. Rogers, **C.W. Thompson**, N.S. Upham, and P.M. Velazco. 2019. Curatorial guidelines and standards of the American Society of Mammalogists for collections of genetic resources. *Journal of Mammalogy* 100:1690-1694.
22. Ruedas, L.A., S. Marques-Silva, *J.H. French*, R.N. Platt II, J. Salazar-Bravo, J.M. Mora, and **C.W. Thompson**. 2019. Taxonomy of the *Sylvilagus brasiliensis* complex in Central and South America (Lagomorpha: Leporidae). *Journal of Mammalogy* 100:1599-1630.
21. Xu, F., D. He, R. Ning, B. Zeng, **C.W. Thompson**, Y. Li, D. Wang, and Y. Li. 2019. Genetic diversity of chemokine XCL1 and its receptor XCR1 in murine rodents. *Developmental and Comparative Immunology* 98:80-88.

2018

20. Dunnum, J.L., B.S. McLean, R.C. Dowler, S.T. Alvarez-Castañeda, J.E. Bradley, R.D. Bradley, L.N. Carraway, J.P. Carrera-E., C.J. Conroy, B.S. Coyner, J.R. Demboski, C.W. Dick, K. Doyle, J.A. Esselsytn, E. Gutierrez, J.D. Hanson, P.M. Holahan, T. Holmes, C.A. Iudica, R.N. Leite, T.E. Lee, B.K. Lim, J.L. Malaney, S.B. McLaren, N.D. Moncrief, L. Olson, N. Ordines-Garza, C.D. Phillips, M.A. Revelez, E.A. Rickart, D.S. Rogers, **C.W. Thompson**, N.S. Upham, and P.M. Velazco. 2018. Mammal collections of the Western Hemisphere: a survey and directory of collections. *Journal of Mammalogy* 99:1307-1322.
19. Pitts, R.M., *H.M. Huynh*, **C.W. Thompson**, and K.F. Maranth. 2018. Note on December breeding in the plains pocket gopher (*Geomys bursarius*) in North Texas. *Transactions of the Missouri Academy of Science* 46:67-68.

2017

18. Walsh, L.L., R. Seabloom, and **C.W. Thompson**. 2017. Range extension of the Virginia opossum (*Didelphis virginiana*) in North Dakota. *Prairie Naturalist* 49:31-34.
17. Ruedas, L.A., S. Marques-Silva, J.H. French, R.N. Platt II, J. Salazar-Bravo, J.M. Mora, and **C.W. Thompson**. 2017. A prolegomenon to the systematics of South American cottontail rabbits (Mammalia, Lagomorpha, Leporidae: *Sylvilagus*): designation of a neotype for *S. brasiliensis* (Linnaeus, 1758), and restoration of *S. andinus* (Thomas, 1897) and *S. tapetillus* Thomas, 1913. *Miscellaneous Publications, Museum of Zoology, University of Michigan* 205:1-63.

2015

16. Wu, X., J. Wu, **C.W. Thompson**, and Y. Li. 2015. Adaptive evolution of the MHC class III gene *RAGE* in primates and murine rodents. *International Journal of Immunogenetics* 42:461-468.
15. **Thompson, C. W.**, F.B. Stangl, Jr., and R.D. Bradley. 2015. Ancient hybridization and subsequent mitochondrial capture in ground squirrels (genus *Ictidomys*). *Occasional Papers of the Museum, Texas Tech University* 331:1-24.
14. Platt II, R.N., B.R. Amman, M.S. Corley, **C.W. Thompson**, and R.D. Bradley. 2015. What is *Peromyscus*? Evidence from nuclear and mitochondrial DNA sequences for a new classification. *Journal of Mammalogy* 96:708-719.

2014

13. Ordóñez-Garza, N., **C.W. Thompson**, M.K. Unkefer, C.W. Edwards, J.G. Owen, and R.D. Bradley. 2014. Examination of the *Neotoma mexicana* species group in Mesoamerica: molecular evidence for recognition of *N. ferruginea* Tomes 1861. *Proceedings of the Biological Society of Washington* 127:518-532.
12. Rocha, L.A., A. Aleixo, G. Allen, F. Almeda, C. Baldwin, M. Barclay, J. Bates, A. Bauer, F. Benzoni, C. Berns, M. Berumen, D.C. Blackburn, S. Blum, F. Bolaños, R. Bowie, R. Britz, R. Brown, C.D. Cadena, K. Carpenter, L.M. Ceríaco, P. Chakrabarty, G. Chaves, J.H. Choat, K. Clements, B. Collette, A. Collins, J. Coyne, J. Cracraft, T. Daniel, M.R. de Carvalho, K. de Queiroz, F. Di Dario, R. Drewes, J. Dumbacher, A. Engilis Jr, M.V. Erdmann, W. Eschmeyer, C.R. Feldman, B. Fisher, J. Fjeldså, P. Fritsch, J. Fuchs, A. Getahun, A. Gill, M. Gomon, T. Gosliner, G. Graves, C. Griswold, R. Guralnick, K. Hartel, K.M. Helgen, H. Ho, D. Iskandar, T. Iwamoto, Z. Jaafar, H. James, D. Johnson, D. Kavanaugh, N. Knowlton, E. Lacey, H. Larson, P. Last, J. Leis, H. Lessios, J. Liebherr, M. Lowman, D.L. Mahler, V. Mamonekene, K. Matsuura, G. Mayer, H. Mays Jr., J. McCosker, R. McDiarmid, J. McGuire, M. Miller, R. Mooi, R.D. Mooi, C. Moritz, P. Myers, M. Nachman, R.A. Nussbaum, D. Ó Foighil, L. Parenti, J. Parham, E. Paul, G. Paulay, J. Pérez-Emán, A. Perez-Matus, S. Poe, J. Pogonoski, D. Rabosky, J.E. Randall, J. Reimer, D.R. Robertson, M.-O. Rödel, M.T. Rodrigues, P. Roopnarine, L. Rüber, M. Ryan, F. Sheldon, G. Shinohara, A. Short, B. Simison, W. Smith-Vaniz, V. Springer, M. Stiassny, J.G. Tello, **C.W. Thompson**, T. Trnski, P. Tucker, T. Valqui, M. Vecchione, E. Verheyen, P.C. Wainwright, T.A. Wheeler, W. White, K. Will, J. T. Williams, E.O. Wilson, K. Winker, R. Winterbottom, and C. Witt. 2014. Collecting biological specimens is essential in science and conservation. *Science* 344:814-815.

2013

11. Booth-Binczik, S.D., R.D. Bradley, **C.W. Thompson**, L.C. Bender, J.W. Huntley, J.A. Huntley, L.L. Laack, and J.L. Mays. 2013. Ocelot food habits and potential for competition with bobcats in South Texas. *Southwestern Naturalist* 58:403-410.
10. **Thompson, C.W.**, and E.J. Finck. 2013. A northward range extension of the hispid cotton rat (*Sigmodon hispidus*) in Missouri. *Prairie Naturalist* 45:96-99.
9. **Thompson, C.W.**, F.A. Anwarali Khan, F.B. Stangl, Jr., R.J. Baker, and R.D. Bradley. 2013. Multi-locus analyses indicate a mosaic hybrid zone in ground squirrels (genus *Ictidomys*). *Ecology and Evolution* 3:4448-4460.
8. Pitts, R.M., *M.R. Mauldin*, **C.W. Thompson**, and J.R. Choate. 2013. Evidence of Hantavirus exposure in rodents from North Texas. *Western North American Naturalist* 73:386-391.
7. **Thompson, C.W.**, and R.D. Bradley. 2013b. *Neotoma picta*. Pp. 316, in *Mammals of Mexico* (G. Ceballos, ed.). Johns Hopkins University Press.
6. **Thompson, C.W.**, and R.D. Bradley. 2013a. *Neotoma isthmica*. Pp. 306, in *Mammals of Mexico* (G. Ceballos, ed.). Johns Hopkins University Press.

2011

5. *Huynh, H.M.*, S. Bertolino, P.W. W. Lurz, J.L. Koprowski, G.R. Williams, **C.W. Thompson**, and D.F. McAlpine. 2011. The even darker side of the eastern gray squirrel (*Sciurus carolinensis*): a review of global introductions, invasion biology, and pest management strategies. Pp. 31-32, in *Julius-Kuhn-Archiv* 432 (J. Jacob and A. Esther, eds.). 8th European Vertebrate Pest Management Conference, Berlin, Germany.
4. **Thompson, C.W.**, J.R. Choate, H.H. Genoways, and E.J. Finck. 2011. *Blarina hylophaga*. *Mammalian Species* 43:94-103.
3. **Thompson, C.W.**, R.S. Pfau, J.R. Choate, H.H. Genoways, and E.J. Finck. 2011. Identification and characterization of the contact zone between two species of short-tailed shrew (*Blarina*) in Iowa and Missouri. *Canadian Journal of Zoology* 89:278-288.

2010

2. Bradley, R.D., **C.W. Thompson**, and *R.R. Chambers*. 2010. *Rbp3* in geomyid rodents: reduced rate of molecular evolution or evidence for selection? *Occasional Papers of the Museum, Texas Tech University* 296:1:15.

2009

1. **Thompson, C.W.**, and J.D. Hoffman. 2009. Karyotype designation and habitat description of the northern short-tailed shrew (*Blarina brevicauda*, Say) neotype and paratypes. *Jeffersoniana* 22:1-5.

GRANTS (Awarded \$484,372; Pending \$490,982)

2021

National Institutes of Health (Co-I). T-cell repertoire development leading to lifelong viral suppression. Requested \$423,174 (**pending**). PI – Dr. Richard A. White III.

2020

National Science Foundation (PI). Collaborative Research: Digitization TCN: Ranges: An Extended Trait-base for Mammals from the American West. Requested \$67,808 (**pending**).

National Science Foundation (Senior Personnel). Collaborative Research: Digitization PEN: BatPEN! – A Partnership to Facilitate Scientific Inquiry into the Vast Functional Trait Diversity of Phyllostomid Bats. Requested \$48,013 (**current**). PI – Dr. Richard D. Stevens. Co-PI Dr. David C. Blackburn. Senior Personnel – Dr. Robert D. Bradley.

2018

National Science Foundation (Co-PI). Digitization PEN: Functional Quantitative Characters for Ecology and Evolution (FuncQEE). Awarded \$180,041 (**current**). PI – Dr. Noe U. de la Sancha. Co-PI Dr. David C. Blackburn. Senior Personnel – Dr. Bryan McLean.

2017

National Science Foundation (Senior Personnel). Digitization TCN: Collaborative Research: oVert: Open exploration of vertebrate diversity in 3D. Awarded \$207,250 (**current**). PI – Dr. Dan Rabosky. Co-PI – Dr. Priscilla K. Tucker. Senior Personnel – Dr. Allison Davis-Rabosky.

Huron Mountain Wildlife Foundation (PI). Assessing hybridization in flying squirrels (*Glaucomys*) of the Huron Mountains. Awarded \$4,335 (**current**).

2016

Huron Mountain Wildlife Foundation (PI). Assessing hybridization in flying squirrels (*Glaucomys*) of the Huron Mountains. Awarded \$4,950.

2015

University of Michigan Office of Research, MCubed (Co-PI). The natural laboratory: using museum collections and field ecology to understand changes in human health. Awarded \$15,000. Co-PIs –Dr. Ben Dantzer and Dr. Karl F. Jepsen.

2014

University of Michigan Office of Research, Small Scale and Preliminary Projects (PI). Identification of genomic regions of divergence across a mammalian hybrid zone. Awarded \$14,488. Co-PI – Dr. R. Neal Platt.

2011

American Society of Mammalogists' Grants-in-Aid of Research (PI). The utility of a Y-linked marker and AFLPs in a hybrid zone with two mitochondrial-introgressed species of ground squirrels (genus *Spermophilus*). Awarded \$1,500.

Southwestern Association of Naturalists' Howard McCarley Research Award (PI). Dynamics and maintenance of a hybrid zone between two ground squirrels (*Spermophilus*) in the Southern Plains. Awarded \$1,000.

Texas Academy of Science's Student Research Award (PI). Dynamics and maintenance of a hybrid zone between two ground squirrels (*Spermophilus*) in west-central Texas. Awarded \$2,000.

2010

American Society of Mammalogists' Grants-in-Aid of Research (PI). Phylogeographic implications of hybridization between the Mexican ground squirrel (*Spermophilus mexicanus*) and the thirteen-lined ground squirrel (*S. tridecemlineatus*). Awarded \$1,290.

Association of Biologists at Texas Tech University Research Grants (PI). Phylogeographic implications of hybridization between the Mexican ground squirrel (*Spermophilus mexicanus*) and the thirteen-lined ground squirrel (*S. tridecemlineatus*). Awarded \$700.

2008

Michelle C. Knapp Memorial Graduate Research Award (PI). Evaluation of hybridization at a short-tailed shrew (genus *Blarina*) contact zone. Awarded \$1,000.

2005

Central Plains Society of Mammalogists' Student Research Award in Mammalogy (PI). Identification and characterization of the contact zone between two species of short-tailed shrews (*Blarina*) in southern Iowa and northern Missouri. Awarded \$550.

Fort Hays State University Graduate School Small Research Grant (Co-PI). Awarded \$1,095.
PI – Dr. Elmer J. Finck.

Fort Hays State University Undergraduate and Graduate Student Research/Creative Activity Award (PI). Identification of short-tailed shrews in southern Iowa and northern Missouri. Awarded \$269.

Kansas Academy of Science Student Research Grant (PI). Identification and characterization of the contact zone between two species of short-tailed shrews (*Blarina*) in southern Iowa and northern Missouri. Awarded \$500.

2003

University of Northern Iowa, College of Natural Sciences SOAR Award (Co-PI). The reintroduction of the plains pocket gopher (*Geomys bursarius*) to the University of Northern Iowa's Prairie Preserve. Awarded \$391. PI – Dr. James W. Demastes.

TEACHING EXPERIENCE

University of Michigan-Ann Arbor

- Advanced Research (EEB 400) – 3 students (3 semesters)
- MCubed Summer Scholar – 1 student (1 semester)
- Undergraduate Research (EEB 300) – 7 students (12 semesters)
- Undergraduate Research in Biochemistry (Chem 398) – 1 student (2 semesters)
- Undergraduate Research Opportunities Program – 1 student (2 semesters)

Texas Tech University-Lubbock

- Field Mammalogy Lab (ZOOL 4406) – 4 intersessions
- General Biology I Lab (BIOL 1403) – 1 semester
- Mammalogy Lab (ZOOL 4406) – 4 semesters
- Natural History of Vertebrates Lab (ZOOL 4407) – 5 semesters
- Organic Evolution (BIOL 4305) and Advanced Organic Evolution (BIOL 5305) Lecture – 1 summer

Fort Hays State University-Hays, Kansas

- Mammalogy Lab (BIOL 651) – 2 semesters

MENTORING

UNIVERSITY OF MICHIGAN

Undergraduate Research Directed or Sponsored (total – 12)

- Michael Lyons (Winter 2021-present) – Street dog parasite loads in Tulum, Mexico
- Shion Otsuka (Winter 2020-present) – Exploring vertebrate diversity using computed X-ray tomography (CT) scanning
- Rhea Rajani (Fall 2019-present) – Exploring vertebrate diversity using computed X-ray tomography (CT) scanning
- Clark Schmutz (Fall 2018) – Databasing the historical documents of the UMMZ Mammal Division
- Alex Knight (Fall 2017) – Assessing hybridization in flying squirrels (*Glaucomys*) of the Huron Mountains
- Daniel Nondorf (Summer 2017) – The natural laboratory: using museum collections and field ecology to understand changes in human health
- Sean Brady (Fall 2016-Winter 2017) – Assessing hybridization in flying squirrels (*Glaucomys*) of the Huron Mountains
- Greg Pandelis (Summer 2016-Winter 2017) – The natural laboratory: using museum collections and field ecology to understand changes in human health
- Alexandra Kocsik (Winter 2016) – Evaluating aging in rats selectively bred for low/high aerobic capacity
- Eva Thompson (Fall 2015-Winter 2016) – Secular changes in bone strength in *Peromyscus* sp. (deer mice)
- Katelyn Vedolich (Winter 2015-Fall 2015) – Secular changes in bone strength in *Peromyscus* sp. (deer mice)
- Lexi Dolbee (Fall 2014) – Assessing Syrian small mammal diversity from owl pellets

Thesis Committees Served (total – 2)

- Molly Hirst, University of Michigan (2018-present) – The evolution of reproductive proteins via post-copulatory sexual selection and sexual conflict in primates
- Sergio Redonando, University of Michigan (2013-2015) – Assessing the genetic identity and distribution of howler monkeys in Peru

UMMZ Mammal Division Students & Volunteers Supervised (grand total – 41)

- **Graduate Curatorial Assistants (total – 12)** – Giorgia Auteri (Summer 2021); Rumaan Mulhatra (Winter 2021); Susanna Campbell (Winter 2020); Jacqueline Popma, PhD (Fall 2019); Bian Wang, PhD (Fall 2018); Cindy Bick, PhD (Winter 2018); Caroline Parins-Fukuchi, PhD (Winter 2018); Lisa Walsh, PhD (Fall 2016-Fall 2017); Katie Loughney, PhD (Winter 2016); Beatriz Otero-Jimenez, PhD (Fall 2015); Lucy Tran, PhD (Fall 2014 Fall-Winter 2015); Judy Wan, PhD (2013 Fall)
- **Museum Technicians (total – 11)** – Lexi Frank (2017 Fall-present); Michael Lyons (Fall 2019-Summer 2020); Gregory Pandelis (Fall 2015-Winter 2017); Chelsea Blumbergs (Fall 2016-Summer 2017, Fall 2013-Winter 2014); Galen Burrell (Fall 2014-Winter 2017); Molly Hirst (Fall 2015-Summer 2016); Katelyn Vedolich (Fall 2014-Summer 2016); Lucy Tran, PhD (Summer 2014-Fall 2015); Katy Laudicina (Fall 2013-Fall 2014); Alicia Juillet (Summer 2014); Dwight Seahorn (Fall 2013-Winter 2014)
- **Research Assistants (total – 5)** – Shion Otsuka (Fall 2019-present); Katy Frank (Fall 2020-Winter 2021); Mary Kearney (Winter 2020-Summer 2020); Gregory Pandelis (Fall 2018-Winter 2019); Abigail Hines (Summer 2018)

- **Volunteers (total – 13)** – Michael Loviska (Fall 2019-Winter 2020); Shion Otsuka (Summer 2019); Olivia Chapman (Winter 2018-Fall 2018); Amanda Louder (Fall 2017); Bradley Gilbert (Fall 2016-Winter 2017); Claire Gregory (Fall 2016); Sean Brady (Winter 2016); Tony Bieser, DVM (Fall 2013-Winter 2016); Jessica Kohnert (Fall 2014-Winter 2015); Drew Madgame (Winter 2014-Winter 2015); Riley Peterson (Fall 2014); Alissar Langworthy (Fall 2013-Fall 2014); Leila Siciliano-Martina (Fall 2013-Winter 2014)

TEXAS TECH UNIVERSITY

Bradley Lab Students Supervised (total – 13) – Ray Garza (Spring 2012); John Harmon (Spring 2011); Nathaniel Covarrubias (Fall 2010-Spring 2011); Aubrey McCullough (Fall 2010-Spring 2011); Valerie Rogers (Fall 2010-Spring 2011); Nick Rohr (Fall 2010-Spring 2011); Obed Hernandez-Gomez, PhD (Fall 2010); Allie Clinton, PhD (Fall 2009-Spring 2010); Lindsey Slaton (Fall 2009-Spring 2010); Kasey Dowden (Fall 2008-Spring 2009); Erica Vargas (Fall 2008-Spring 2009); Mandy Corley (Fall 2008-Spring 2009); Ashley Winkley (Fall 2008-Spring 2009)

PROFESSIONAL PRESENTATIONS (*Graduate Students; Undergraduate Students*)

2021

Presented Paper – Colella, J.P.* , **C.W. Thompson***, J.P. Carrera-E, I. Constable, J.A. Cook, G. D'Elía, *L.E. Frank*, H.L. Lutz, M.L. Martin, N. Ordóñez-Garza, *H.R. Skeen*, B.B. Struminger, M. Weksler, and MEPA-ECHO Group. Museums and Emerging Pathogens in the Americas (MEPA) - A network bridging museums and one health. American Society of Mammalogists, Virtual Conference.

Co-authored Poster – Rajani, R.B., R.S. Nagesan, and **C.W. Thompson**. Preliminary analysis of bat wing morphology using CT data. Texas Society of Mammalogists, Virtual Conference. *Received 2021 Clyde Jones Undergraduate Award for Best Poster Presentation in Mammalian Molecular Biology, Evolution, and Systematics.*

Co-authored Poster – Otsuka, S.T., R.S. Nagesan, J.M. Crowe-Riddell, A.R. Davis Rabosky, **C.W. Thompson**. 3D visualization and description of venom glands in short-tailed shrews (genus *Blarina*). Texas Society of Mammalogists, Virtual Conference.

2019

Presented Poster – **Thompson, C.W.**, J.I. Bloch, D.M. Boyer, J.P. Dumbacher, J.A. Esselstyn, *A.L. Hines*, Z.-X. Luo, R.S. Nagesan, G.G. Pandelis, S.E. Santana, E.L. Stanley, P.K. Tucker, J.M. Winchester, and D.C. Blackburn. oVert: a collaborative effort to produce 3D data for all vertebrate genera. American Society of Mammalogists, Washington, DC.

2018

Co-authored Paper – L.A. Ruedas, S. Marques Silva, *J.H. French*, R.N. Platt II, J. Salazar-Bravo, J.M. Mora, and **C.W. Thompson**. Revisiting the phylogeny and taxonomy of South American cottontails, *Sylvilagus* Gray, 1867 (Lagomorpha: Leporidae). American Society of Mammalogists, Kansas State University, Manhattan.

2017

Presented Poster – K. Jepsen, **C. Thompson**, B. Dantzer, *R. Nakkula*, D. Nondorf, G. Pandelis, A. Rife, T. Rubi, and K. Vedolich. Using museum collections and field ecology to understand changes in human health. MCubed Symposium, University of Michigan, Ann Arbor.

Co-authored Poster – D. Nondorf, T. Rubi, **C. W. Thompson**, and B. Dantzer. Differentiation in behavioral tactics pursued by two *Peromyscus* mice in response to changing climate. UROP Summer Research Symposium, University of Michigan, Ann Arbor.

Co-authored Paper – R. N. Platt II, M. W. Vandewege, and **C. W. Thompson**. Genomics of hybridizing ground squirrels. Society for Molecular Biology and Evolution, Austin, Texas.

Co-authored Poster – J. L. Dunnum, R. C. Dowler, and ASM Systematic Collections Committee (includes **C. W. Thompson**). ASM Systematic Collections Committee 2017 resurvey of the mammal collections of the western hemisphere. American Society of Mammalogists, University of Idaho, Moscow.

Presented Paper – **C. W. Thompson** and R. N. Platt II. Genomics of hybridizing ground squirrels. American Society of Mammalogists, University of Idaho, Moscow.

2016

Presented Poster – **C. W. Thompson**, T. F. Duda, J. C. Hinshaw, T. Lee, M. F. O'Brien, D. L. Rabosky, G. E. Schneider, and P. K. Tucker. Investing in biodiversity collections for the future: a new century at the UMMZ. American Society of Mammalogists, University of Minnesota, Minneapolis

Co-authored Paper – L. A. Ruedas, S. M. Silva, *J. H. French*, R. N. Platt II, J. Salazar-Bravo, J. M. Mora, and **C. W. Thompson**. Taxonomy, systematics, biogeography, and evolution of the South American cottontail rabbits (Lagomorpha, Leporidae: *Sylvilagus*). American Society of Mammalogists, University of Minnesota, Minneapolis.

Co-authored Poster – R. W. Nakkula, Jr., E. C. Thompson, L. M. Smith, B. T. Nolan, E. M. R. Bigelow, K. R. Vedolich, M. A. Ramcharan, **C. W. Thompson**, and K. J. Jepsen. Secular changes in bone morphology and sexual dimorphism of white-footed mice over 85 years. Undergraduate Research Poster Session, Program in Biology & Undergraduate Program in Neuroscience, University of Michigan, Ann Arbor.

Co-authored Poster – R. W. Nakkula, Jr., L. M. Smith, E. C. Thompson, B. T. Nolan, E. M. R. Bigelow, K. R. Vedolich, M. A. Ramcharan, **C. W. Thompson**, and K. J. Jepsen. Secular changes in bone morphology and sexual dimorphism of white-footed mice over 85 years. Orthopaedic Research Society, Orlando, Florida.

2015

Presented Poster – **C. W. Thompson**, S. A. Jansa, *K. C. Bell*, B. R. Blood, M. J. Hamilton, J. D. Hanson, L. E. Helgen, J. E. Light, S. C. Loeb, V. L. Mathis, R. N. Platt II, M. A. Revelez, M. H. Schadler, W. P. Smith, *K. A. Speer*, P. A. Zollner, and T. Ballard. The future of ASM meetings: 2016 and beyond. American Society of Mammalogists, Jacksonville, Florida.

2014

Co-authored Paper – *N. Ordóñez-Garza*, **C. W. Thompson**, M. Unkefer, C. W. Edwards, J. Owen, and R. D. Bradley. Biogeographic patterns and taxonomic implications of small mammals across the Tehuantepec Isthmus: *Neotoma ferruginea* Tomes 1861 as an example. American Society of Mammalogists, Oklahoma City, Oklahoma.

Co-authored Paper – *N. Ordóñez-Garza*, **C. W. Thompson**, M. Unkefer, C. W. Edwards, J. Owen, and R. D. Bradley. Biogeographic patterns and taxonomic implications of small mammals across the Tehuantepec Isthmus: *Neotoma ferruginea* Tomes 1861 as an example. Southwestern Association of Naturalists, Oklahoma State University, Stillwater.

2013

Co-authored Paper – N. Ordóñez-Garza, **C. W. Thompson**, M. K. Unkefer, C. W. Edwards, J. G. Owen, and R. D. Bradley. Phylogeographic patterns of Mesamerican small mammals: molecular evidence for recognition of *Neotoma ferruginea* Tomes 1861. International Mammalogical Congress, Queen's University, Belfast, Northern Ireland.

2012

Presented Paper – **C. W. Thompson**, F. B. Stangl, Jr., and R. D. Bradley. Potential ancient hybridization and mitochondrial capture in hybridizing ground squirrels (genus *Spermophilus*). Texas Academy of Science, Sul Ross State University, Alpine, Texas.

Presented Paper – **C. W. Thompson**, F. B. Stangl, Jr., and R. D. Bradley. Potential ancient hybridization and mitochondrial capture in hybridizing ground squirrels (genus *Spermophilus*). Texas Society of Mammalogists, Texas Tech University, Junction. *Received 2012 Robert Packard Award for Best Overall Oral Presentation.*

2011

Presented Paper – **C. W. Thompson**, F. B. Stangl, Jr., and R. D. Bradley. Y-chromosome and mitochondrial sequences indicate genetic introgression in ground squirrels (genus *Spermophilus*). American Society of Mammalogists, Portland State University, Portland, Oregon.

Co-authored Paper – S. D., Booth-Binczik, R. D. Bradley, **C. W. Thompson**, L. C. Bender, J. W. Huntley, J. A. Huntley, L. L. Laack, and J. L. Mays. Ocelot food habits and potential for competition with bobcats in South Texas. Association of Zoos & Aquariums, Felid Taxon Advisory Group.

Co-authored Paper – H. M. Huynh, S. Bertolino, P. W. W. Lurz, J. L. Koprowski, G. R. Williams, **C. W. Thompson**, and D. F. McAlpine. The even darker side of the eastern gray squirrel (*Sciurus carolinensis*): A review of global introductions, invasion biology, and pest management strategies. European Vertebrate Pest Management Conference, Berlin, Germany.

Presented Poster – **C. W. Thompson**, F. B. Stangl, Jr., and R. D. Bradley. Preliminary analyses of a Y-chromosome marker and mitochondrial sequences indicate genetic introgression in ground squirrels (genus *Spermophilus*). **Texas Society of Mammalogists**, Texas Tech University, Junction.

Presented Paper – **C. W. Thompson**, F. B. Stangl, Jr., and R. D. Bradley. Y-chromosome and mitochondrial sequences indicate genetic introgression in morphologically-distinct ground squirrels (genus *Spermophilus*). Texas Tech Annual Biological Sciences Symposium, Texas Tech University, Lubbock.

2010

Presented Paper – **C. W. Thompson**, F. B. Stangl, Jr., and R. D. Bradley. Implications of hybridization between the Mexican ground squirrel (*Spermophilus mexicanus*) and the thirteen-lined ground squirrel (*S. tridecemlineatus*). American Society of Mammalogists, University of Wyoming, Laramie.

Presented Paper – **C. W. Thompson** and R. D. Bradley. Preliminary data on the phylogeography of the thirteen-lined ground squirrel (*Spermophilus tridecemlineatus*). Southwestern Association of Naturalists, Texas Tech University, Junction.

Presented Paper – C. W. Thompson and R. D. Bradley. Phylogeographic implications of hybridization between the Mexican ground squirrel (*Spermophilus mexicanus*) and the thirteen-lined ground squirrel (*S. tridecemlineatus*). Texas Society of Mammalogists, Texas Tech University, Junction.

Presented Paper – C. W. Thompson and R. D. Bradley. Preliminary data on the phylogeography of the thirteen-lined ground squirrel (*Spermophilus tridecemlineatus*). Texas Tech Annual Biological Sciences Symposium, Texas Tech University, Lubbock.

2009

Presented Paper – C. W. Thompson, R. R. Chambers, and R. D. Bradley. Rate of molecular evolution of the interphotoreceptor retinoid-binding protein gene (*Rbp3*) in Castorimorpha. American Society of Mammalogists, University of Alaska, Fairbanks.

Presented Paper – C. W. Thompson, R. R. Chambers, and R. D. Bradley. Rate of molecular evolution of the interphotoreceptor retinoid-binding protein gene (*Rbp3*) in Castorimorpha. Texas Society of Mammalogists, Texas Tech University, Junction.

Presented Paper – C. W. Thompson, R. R. Chambers, and R. D. Bradley. Rate of molecular evolution of the interphotoreceptor retinoid-binding protein gene (*Rbp3*) in Castorimorpha. TTUAB Grad Forum, Texas Tech University, Lubbock.

2008

Presented Paper – C. W. Thompson, R. S. Pfau, E. J. Finck, J. R. Choate, and H. H. Genoways. The contact zone between two species of short-tailed shrews (*Blarina*) in Iowa and Missouri. American Society of Mammalogists, South Dakota State University, Brookings.

Co-authored Poster – K. C. Rowe, D. M. Kaufman, L. J. Dizney, C. M. T. Himes, C. B. Jones, D. W. Kaufman, D. L. Martinez, K. McBee, I. M. Ortega, O. R. W. Pergrams, J. A. Salazar-Bravo, **C. W. Thompson**, C. K. Welch, D.-S. Yang, and C. A. Zugmeyer. Human diversity and mammalogy in the 21st century: A review of ASM programs facilitating participation. American Society of Mammalogists, South Dakota State University, Brookings.

Presented Paper – C. W. Thompson, R. S. Pfau, E. J. Finck, J. R. Choate, and H. H. Genoways. The contact zone between two species of short-tailed shrews (*Blarina*) in Iowa and Missouri. Texas Society of Mammalogists, Texas Tech University, Junction. *Received 2008 TSM Award for Best Presentation on Studies Pertaining to Mammalian Cytology, Evolution, and Systematics.*

2007

Presented Paper – C. W. Thompson. Writing successful small research grants for a Master's degree. Midwestern Conference on Research at Predominantly Undergraduate Institutions, Fort Hays State University, Hays, Kansas.

2006

Presented Poster – C. W. Thompson, E. J. Finck, J. R. Choate, and H. H. Genoways. Identification and characterization of the contact zone of two species of short-tailed shrews (*Blarina*) in southern Iowa and northern Missouri. American Society of Mammalogists, University of Massachusetts, Amherst.

Presented Paper – C. W. Thompson, E. J. Finck, J. R. Choate, and H. H. Genoways. Location of the *Blarina* contact zone in southwestern Iowa and northwestern Missouri: Implications for

genetic analysis. Central Plains Society of Mammalogists, University of Central Oklahoma, Edmond. *Received 2006 Student Research Award in Mammalogy.*

Presented Poster – C. W. Thompson, E. J. Finck, J. R. Choate, and H. H. Genoways.
Identification and characterization of the contact zone of two species of short-tailed shrews (*Blarina*) in southern Iowa and northern Missouri. Fort Hays State University Chapter of Sigma Xi, Student Research Showcase, Fort Hays State University, Hays, Kansas. *Received 2nd place in graduate poster competition.*

Presented Paper – C. W. Thompson, E. J. Finck, J. R. Choate, and H. H. Genoways.
Identification and characterization of the contact zone of two short-tailed shrews (*Blarina*) in southern Iowa and northern Missouri. Iowa Academy of Science, Buena Vista University, Storm Lake, Iowa.

Presented Paper – C. W. Thompson, E. J. Finck, J. R. Choate, and H. H. Genoways.
Identification and characterization of the contact zone of two short-tailed shrews (*Blarina*) in southern Iowa and northern Missouri. Kansas Academy of Science, Wichita State University, Wichita, Kansas.

Presented Paper – C. W. Thompson, E. J. Finck, J. R. Choate, and H. H. Genoways.
Identification and characterization of the contact zone between two species of short-tailed shrews (*Blarina*) in southern Iowa and northern Missouri. Kansas Chapter of The Wildlife Society, Fort Hays State University, Hays, Kansas.

2005

Presented Paper – C. W. Thompson, E. J. Finck, J. R. Choate, and H. H. Genoways.
Identification and characterization of the contact zone between two species of short-tailed shrews (*Blarina*) in southern Iowa and northern Missouri. Central Plains Society of Mammalogists, Truman State University, Kirksville, Missouri. *Received 2005 Student Research Award in Mammalogy.*

INVITED SEMINARS & OTHER PRESENTATIONS

2021

Invited Lecture – *Collections, conservation, COVID-19: preparing for what's next.* Natural History Collections & Curation Course, Virginia Tech University, Blacksburg.

Invited Lecture – *Biodiversity science, conservation, and COVID-19: the case for natural history collections.* Endangered Species & Conservation Course, Department of Biological Sciences, Texas Tech University, Waco.

2020

Invited Lecture – *Biodiversity science, conservation, and COVID-19: the case for natural history collections.* Endangered Species & Conservation Course, Department of Biological Sciences, Texas Tech University, Waco.

Invited Presentation – *Biodiversity science, conservation, and COVID-19: the case for natural history collections.* Michigan Ecology and Evolutionary Biology Society (MEEBS), University of Michigan, Ann Arbor.

Invited Presentation – *Developing an institutional CT data repository: an example from Michigan.* Integrating Institutional Archives with Disciplinary Web Repositories Workshop, Duke University, Durham, North Carolina.

2019

Invited Lecture – *From hybrid zones to CT data: the case for natural history collections and their role in science and conservation.* Introduction to Animal Diversity, Program in Biology, University of Michigan, Ann Arbor.

Invited Seminar – *From hybrid zones to CT data: the case for natural history collections and their role in conservation.* Department of Natural Resources Management, Texas Tech University, Lubbock

2018

Invited Lecture – *Conserving biodiversity through museum collections.* Endangered Species & Conservation Course, Department of Biological Sciences, Texas Tech University, Waco.

Invited Presentation – *Attribution patterns in mammal collections before and after the digitization age.* BCON Data Integration and Attribution Workshop, University of Kansas, Lawrence.

2017

Invited Lecture – *Mammalogy – evolution, diversity, and conservation.* Animal Diversity Course, Department of Ecology and Evolutionary Biology, University of Michigan, Ann Arbor.

2016

Invited Presentation – *Using mobile devices for collection management.* iDigBio: The Values of Digitizing Vertebrate Collections Workshop, University of California, Berkeley.

2015

Invited Presentation – *The value of digitizing mammal collections.* iDigBio: The Value of Digitizing Vertebrate Collections Webinar Series.

Invited Presentation – *Why digitize mammal collections?* ASM/iDigBio Collections Digitization and Imaging Workshop, Jacksonville, Florida.

Invited Presentation – *Why digitize vertebrate collections?* iDigBio: Strategies for Vertebrate Digitization Workshop, Cornell University, Ithaca, New York.

2012

Invited Seminar – *Mammalogy: adaptations to the extremes.* School of Science & Mathematics, Upper Iowa University, Fayette.

Invited Seminar – *Mammalogy: coping with extremes.* Department of Fish & Wildlife Conservation, Virginia Polytechnic Institute & University, Blacksburg.

Invited Seminar – *Speciation, hybrid zones, and phylogeography – a tale of two mammals.* Department of Biology, Mathematics, Chemistry, and Physics, Northern State University, Aberdeen, South Dakota.

2011

Invited Seminar – *Speciation, hybrid zones, and phylogeography – a tale of two mammals.* School of Science, Buena Vista University, Storm Lake, Iowa.

2007

Invited Lecture – *Short-tailed shrews (genus Blarina) evolution: evaluating two paradigms.* Biogeography Course, Department of Biological Sciences, Fort Hays State University, Hays, Kansas.

2006

Invited Lecture – *Identification and characterization of the contact zone of two species of short-tailed shrews (Blarina) in southern Iowa and northern Missouri.* Mammalogy Course, Department of Biological Sciences, Fort Hays State University-Hays, Kansas.

Invited Lecture – *Mammalogy: evolution, research, and the environment.* Environmental Science Course, Boyer Valley High School-Dunlap, Iowa.

SERVICE & LEADERSHIP

UNIVERSITY OF MICHIGAN

- **Office of Research** – Faculty Grants and Awards, Reviewer (2015, 2018)
- **College of Literature, Science, and the Arts** – Program in Biology/Undergraduate Program in Neuroscience, Thesis Reader (2017, 2019, 2020); Outreach, Research, and Education Subcommittee, Chair (2018-2019); Lab Safety Committee, EEB Representative (2017-2019); Museums Database Steering Committee, Member (2015-2019); Biology Museums Database Collections Subcommittee, Member (2016-2017); Digital Data in Biodiversity Research Conference Planning Committee, Member (2016-2017)
- **Research Museums Center** – Joint Collection Operations Committee, Member (2017-present)
- **Department of Ecology and Evolutionary Biology** – Early Career Scientist Symposium Committee (2019-present); Lab Safety Committee, Member (2017-2019);
- **EEB Museums** – Collection Operations Committee (2017-present); Fungi Collection Manager/Research Scientist Search Committee (2020); Bird Collection Manager/Research Scientist Search Committee (2018); Collection Registrar Search Committee (2018); Insect Collection Manager/Research Scientist Search Committee (2017)

PROFESSIONAL SOCIETY MEMBERSHIPS

American Society of Mammalogists (2004-present); *International Biogeography Society* (2008-present); *Society for the Study of Evolution* (2009-present); *Society of Systematic Biologists* (2009-present); *Texas Society of Mammalogists* (2007-2013; 2021-present)

PROFESSIONAL SOCIETY LEADERSHIP

- **American Society of Mammalogists** – Program Director (2017-present); Program Committee (2011-present), Chair (2014-present); Systematic Collections Committee (2013-present); Legislation and Regulations Committee (2007-2014); Human Diversity Committee (2006-2014); Education and Graduate Students Committee (2010-2011); Conservation Awards Committee (2006-2007)
- **Association of Biologists at Texas Tech University** – Board of Directors (2008-2013); TTABSS Committee (2009-2012); President (2010-2011); Vice President (2008-2009)
- **Central Plains Society of Mammalogists** – Board of Governors, Iowa Representative (2004-2006)

JOURNAL REVIEWER

Annales Zoologici Fennici (2011); *Behavioral Ecology and Sociobiology* (2019); *Biological Journal of the Linnean Society* (2011, 2012, 2013, 2014); *Caryologia* (2012, 2015); *Journal of Mammalian Evolution* (2015); *Journal of Mammalogy* (2011, 2014, 2018); *Molecular Phylogenetics and Evolution* (2016); *Occasional Papers of the Museum Texas Tech University* (2020); *Prairie Naturalist* (2005, 2008); *Texas Journal of Science* (2009); *Therya* (2021); *Transactions of the Nebraska Academy of Science* (2015); *Western North American Naturalist* (2010, 2015, 2019)

OTHER

ASM/iDigBio Collections Digitization and Imaging Workshop, Organizer (2015); *iDigBio: Vertebrate Digitization Interest Group, Member* (2014-2015); *iDigBio: Strategies for Vertebrate Digitization Workshop, Planning Committee* (2014-2015)

MEDIA COVERAGE

2021

- **Michigan News** – [Museum scientists: Prepare for next pandemic by preserving animal specimens in natural history collections](#) (press release for Thompson et al. 2021).
- **Michigan News** – [Prepare for next pandemic now by preserving animal specimens in natural history collections](#) (YouTube video for Thompson et al. 2021).
- **The Scientist** – [Q&A: Natural History Museums' Role in Pandemic Surveillance](#) (interview for Thompson et al. 2021).

2020

- **University of Michigan, Museum of Zoology** – [Out of museum drawers and on to the internet: NSF digitization grant awarded for 3D renderings of mammal collections](#) (press release for FuncQEE project).

2019

- **Michigan News** – [Historical letters in U-M zoology museum archive highlight links between specimen collection, conservation](#) (press release for student research project on museum archives).
- **Michigan News** – [U-M scientists teach biodiversity using preserved specimens dating back 100 years](#) (press release for Walsh et al. 2019)
- **Michigan News** – [University of Michigan Historic Zoology Letters](#) (YouTube video for student research project on museum archives).

2018

- **Michigan News** – [Climate change, urbanization driving opossum's northward march](#) (press release for Walsh et al. 2018).

2017

- **Michigan News** – [U-M Partners on digital encyclopedia of 3-D vertebrates](#) (press release for oVert project).

2014

- **University of Michigan News** – [Collecting biological specimens essential to science and](#)

[conservation](#) (press release for Rocha et al. 2014).

PUBLIC OUTREACH

2018

- **Ann Arbor Observer** – [Rabbits live on the edge](#) (interview on cottontail rabbits in Ann Arbor).
- **Dexter Schools** – *Cornerstone Elementary Science Night* (K-2 student/family science night).

2017

- **Ann Arbor Observer** – [Chipmunks cherish their solitude](#) (interview on chipmunks in Ann Arbor).
- **Michigan News** – [Armadillo Collection Promo Video](#) (social media series for RMC units).
- **Michigan News** – [Squirrel Collection Promo Video](#) (social media series for RMC units).
- **University of Michigan Museum of Natural History** – *ID Day* (event for public to interact and share their collections with curatorial staff).

2016

- **Detroit Free Press** – [Black squirrels in Michigan popping in more places](#) (interview on melanistic squirrels in Michigan).

2015

- **University of Michigan Museum of Natural History** – *Behind the Scenes' Day* (event for public to view research collections).
- **University of Michigan Museum of Natural History** – *ID Day* (event for public to interact and share their collections with curatorial staff).

2014

- **Al Jazeera America** – [Cutting edge virtual cadavers help medical students train](#) (interview for University of Michigan Dental School Applied Comparative Orofacial Anatomy course).
- **University of Michigan Museum of Natural History** – *Behind the Scenes' Day* (event for public to view research collections).
- **University of Michigan Museum of Natural History** – *ID Day* (event for public to interact and share their collections with curatorial staff).
- **WorldByCharlie** – [Flesh eating beetles work at the museum](#) (YouTube web series).

2013

- **Michigan Public Radio** – *Mark Brush, Michigan Squirrel Interview* (not published).
- **University of Michigan Museum of Natural History** – *ID Day* (event for public to interact and share their collections with curatorial staff).

2011

- **Texas Tech University** – *Save the Frogs' Day* (event to raise awareness of worldwide amphibian decline).

2008

- **Texas Tech University** – *Back to School Fiesta* (event for giving school supplies K-12 students

in need).

REFERENCES

Dr. Robert D. Bradley (PhD Advisor)

*Professor of Biological Sciences & Associate
Chair of Biological Sciences; Director & Curator
of Mammals, Natural Science Research
Laboratory*
Texas Tech University
Department of Biological Sciences
Box 43131
Lubbock, Texas 79409-3131
Phone: (806) 834-1303
Email: robert.bradley@ttu.edu

Dr. Douglas A. Kelt (Colleague)

*Professor of Wildlife, Fish, and Conservation
Biology; Past-President, American Society of
Mammalogists*
University of California
Department of Wildlife, Fish, and Conservation
Biology
One Shields Avenue
Davis, California 95616
Phone: (530) 754-9481
Email: dakelt@ucdavis.edu

Dr. Richard K. Rabeler (Colleague)

*Vascular Plant Research Collection Manager;
Research Scientist, Department of Ecology of
Evolutionary Biology*
University of Michigan Herbarium
3600 Varsity Drive
Ann Arbor, Michigan 48108-2228
Phone: (734) 764-2407
Email: rabeler@umich.edu