

Personal Information:

Michael Darren Baker, Ph.D.

Birthplace: Hot Springs National Park, Arkansas, USA

Contact Info:

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Education:

Louisiana State University, Baton Rouge, LA 70802. Ph.D. Wildlife and Fisheries Science. 2000.
University of Kentucky, Lexington, KY 40546. M.Sc. Forestry, Wildlife Biology option. 1996.
University of Kentucky, Lexington, KY 40546. B.Sc. Forest Biology with Biology minor. 1993.

Work Experience:

- 9/2014 to present California Department of Forestry & Fire Protection, Headquarters, 1416 9th Street, Sacramento, CA 95812
Supervisor: Michael Esposito, Forester II, HQ Forest Practice (916) 531-2173, Michael.Esposito@fire.ca.gov
Job Title: Senior Environmental Scientist - Forest Practice Biologist, **Duties:** I provide biological expertise in matters relating to the protection of the environment, review projects, conduct field surveys, complete research, prepare and review environmental documents, provide assistance and advice, conduct training, and assist in the development of monitoring programs. I assess projects for impacts to various biological resources. I develop and conduct complex research on controversial and politically sensitive resources to assist the California Department of Forestry & Fire Protection (CAL FIRE) in achieving compliance with legislative and regulatory requirements related to ecological performance. I perform consultation on northern spotted owl issues within timber harvest plans pursuant to the Forest Practice Rules and associated Code, under authority delegated to CAL FIRE by the Z'berg-Nejedly Forest Practice Act of 1973 & the California Environmental Quality Act of 1970.
- 12/2012 to 9/2014 California Department of Transportation, Region 4 - San Francisco Bay, 111 Grand Ave, Oakland, CA 94612
Supervisor: Dr. Frankie Malamud-Roam, (now Regulatory Project Manager, US Army Corps of Engineers, San Francisco District), phone: 510-504-7230, email: fimalamudroam@gmail.com
Job Title: Biologist -Associate Environmental Planner, **Duties:** I performed complex natural science studies, researching, developing, & reviewing reports to identify, inventory, & analyze threatened & endangered vegetation & wildlife species of concern in the vicinity of transportation projects.
- 9/2010 & 11 Yellowstone National Park Heritage Research Center, 200 Old Yellowstone Trail, Gardiner, MT 59030
Supervisor: Dr. John Treanor, Wildlife Health Program Manager, YNP, Office: 307-344-2505
7 / 2012 **Job Title:** Study Collaborator, **Duties:** I assisted w/ study planning, direction, & field work for "Status & Distribution of the Little Brown Bat in YNP prior to the arrival of White-nose Syndrome"
- 08/2010 - 01/2012 Bat Conservation International (BCI), PO Box 162603, Austin, TX 78716 (512) 327-9721
Supervisor: Mylea L. Bayless, Conservation Programs Manager, mbayless@batcon.org
Job Title: Eastern Rare Bats Program Coordinator, **Duties:** I planned, monitored, conducted, & evaluated research & survey data on eastern rare bats & their habitats.
- 09/2011 - 01/2012 Bat Conservation International, **Supervisor:** Janet Tyburec, Workshops Coordinator (520) 404-7406.
Job Title: Workshop Instructor, **Duties:** I was an Instructor for the BCI Bat Capture Workshop conducted at Carter Caves States Resort Park, Kentucky, in September of 2011.
- 07/2009-10/2009 Bat Conservation International, **Supervisor:** Dr. Ed Arnett, Director of Science & Policy (512) 327-9721
Job Title: Field Crew Supervisor – Windpower Acoustic Deterrent Study, **Duties:** I supervised field crews & assisted with carcass identification. I placed test carcasses on turbine plots & recorded data for searcher efficiency & carcass scavenger trials. I was responsible for installing, troubleshooting, & recording the nightly operational status of acoustic deterrent systems. I worked closely with deterrent system designers, facility windsmiths & management, & the Pennsylvania Game Commission. I climbed turbines with windsmiths & deterrent system designers, assisted in up-turbine work, & photo-documented the installation, troubleshooting, & maintenance processes.

Work Experience (continued):

- 04/2008-08/2010 Bat Conservation International, **Supervisor:** Dr. David Waldien, VP & Director of Operations (512) 327-9721
Job Title: Indiana Myotis Program Coordinator, **Duties:** I planned, monitored, conducted, and evaluated collection of research & survey data on Indiana myotis & their habitats.
- 04/2007-04/2008 Eco-Tech Consultants, Inc., 1003 E. Main St., Frankfort, KY 40601 and 102 W. Court Ave., Jeffersonville, IN 47130, phone # (502) 695-8060. **Supervisor:** Ryan Slack, VP & Senior Biologist, now Senior Biologist with Civil and Environmental Consultants, Inc., Indianapolis, IN 46204 work: 317-655-7777, cell: 513-237-5051, email: rslack@cecinc.com
Job Title: Lead Project Ecologist, **Duties:** I had full responsibility for planning & implementation of pallid bat (*Antrozous pallidus*; in northern California) & Indiana myotis ecology & survey projects, including budgetary considerations, personnel recruitment, logistical oversight, & supervision of field technicians.
- 01/2001-04/2007 Department of Forestry, University of Kentucky, Lexington, KY 40546-0073
Supervisor: Dr. Michael J. Lacki, Professor, (859) 257-8571, cell: 859-533-5661, email: mlacki@uky.edu
Job Title: Post-doctoral Scholar, **Duties:** I was co-principal investigator on the first Northwest Bat Cooperative project focused on long-legged (*M. volans*) & fringed myotis (*M. thysanodes*) day roosting ecology in managed PNW forests. I worked with dozens of state & federal agency personnel (USFWS, USFS, Okanogan-Wenatchee, Fremont-Winema, Clearwater NFs, BLM, WDFW, ODFW, IDFG, USACoE, National Council on Air & Stream Improvement, Nez Perce Tribe), non-profit organizations (BCI, Northwest Bat Cooperative, Bats Northwest), & private companies (Weyerhaeuser, Plum Creek Timber, Boise Cascade, US Timberlands) to conduct this highly successful project & published peer-reviewed scientific research.
- Fall/Spring 2002/2003 Department of Forestry, University of Kentucky, Lexington, KY 40546-0073
Supervisor: Dr. Donald H. Graves (retired). **Job Title:** Instructor: Forest Mensuration, Mapping & Photogrammetry
- 2006-08 on-call Environmental Consulting, Hamer Environmental, Mt. Vernon, WA (360) 899-5156
Supervisor: Tom Hamer, Principle Biologist, (360) 899-5156. **Job Title:** Associate Consultant, (by contract)
- Spring of 1999 **Job Title:** Independent Contractor for the USFWS, **Supervisor:** Charlotte Parker, 985-882-2000, Charlotte_Parker@fws.gov
- Spring of 2000 **Job Title:** Independent Contractor for the USFS, **Supervisor:** Ken Gordon, 601-384-5876, klgordon@fs.fed.us
- 04/1996-05/2000 School of Renewable Natural Resources, Louisiana State University, Baton Rouge, LA 70802
Supervisor: Dr. Robert B. Hamilton, Associate Professor, (225) 766-5461, bob_hamil@yahoo.com
Job Title: Research Assistant
- Spring 2000 School of Renewable Natural Resources, Louisiana State University, Baton Rouge, LA 70802
Supervisor: Dr. Robert B. Hamilton, Associate Professor, (225) 766-5461, bob_hamil@yahoo.com
Job Title: Teaching Assistant
- 01/1993-12/1995 Department of Forestry, University of Kentucky, Lexington, KY 40546-0073
Supervisor: Dr. Michael J. Lacki, Associate Professor, (859) 257-8571, cell: 859-533-5661, mlacki@uky.edu
Job Title: Research Assistant

Peer-reviewed Publications, Dissertation, and Thesis

- Lausen, C. L., G. A. Falxa, D. I. Solick, A. L. McEwan, M. D. Baker, E. de Freitas, and M. Sarell. 2023. Singing silver-haired bats (*Lasionycteris noctivagans*). *Wildlife Society Bulletin* 47:e1500.

Peer-reviewed Publications, Dissertation, and Thesis (continued)

- Johnson, J. S., J. J. Treanor, M. J. Lacki, M. D. Baker, G. A. Falxa, L. E. Dodd, A. G. Waag, and E. H. Lee. 2017. Migratory and winter activity of bats in Yellowstone National Park. *Journal of Mammalogy* 98(1):211-221.
- Lacki, M. J., J. S. Johnson, and M. D. Baker. 2013. Temperature microclimates beneath bark of snags used as roosting sites by long-legged myotis (*Myotis volans*) in conifer forests of the Pacific Northwest, USA. *Acta Chiropterologica* 15(1): 143–151.
- Baker, M. 2012. Life Histories and Conservation Needs of Bats of the U.S. and Canada, a review of "Bats of the United States and Canada" – M. J. Harvey, J. S. Altenbach, & T. L. Best. *Journal of Mammalian Evolution* (online 8 June 2012, Digital Object Identifier 10.1007/s10914-012-9205-2).
- Lacki, M. J., M. D. Baker, and J. S. Johnson. 2012. Temporal Dynamics of Roost Snags of Long-legged Myotis in the Pacific Northwest, USA. *Journal of Wildlife Management*, 76 (online 9 April 2012).
- Waldien, D. L., M. L. Bayless, and M. D. Baker. 2011. Bats and Coal Mining: Big Picture Research Needs. Pages 165-170 in Vories, K. C., A. K. Caswell, and T. M. Price, editors. *Protecting Threatened Bats at Coal Mines: A Technical Interactive Forum*. Charleston, WV. 227 pages.
- Lacki, M. J., M. D. Baker, and J. S. Johnson. 2010. Geographic variation in roost-site selection by long legged myotis in the Pacific Northwest. *Journal of Wildlife Management* 74(6): 1218-1228.
- Baker, M. D., M. J. Lacki, G. A. Falxa, P. L. Droppelman, R. A. Slack, and S. A. Slankard. 2008. Habitat use of pallid bats in coniferous forests of northern California. *Northwest Science* 82(4):269-275.
- Cox, D.R., M.J. Lacki, M.D. Baker, and J. S. Johnson. 2008. Sample size and the characterization of roosting habitat of forest-dwelling bats. *Bat Research News* 49:1-9.
- Lacki, M. J., J. S. Johnson, L. E. Dodd, and M. D. Baker. 2007. Prey Consumption of Insectivorous Bats in Coniferous Forests of North-Central Idaho. *Northwest Science* 81:199-205.
- Johnson, J. S., M. J. Lacki, and M. D. Baker. 2007. Foraging ecology of long-legged myotis (*Myotis volans*) in north-central Idaho. *Journal of Mammalogy* 88(5):1261-1270.
- Lacki, M. J., and M. D. Baker. 2007. Day roosts of female fringed myotis (*Myotis thysanodes*) in xeric forests of the Pacific Northwest. *Journal of Mammalogy* 88(4):967-973.
- Lacki, M. J., S. K. Amelon, and M. D. Baker. 2007. Foraging ecology of forest bats and the implications for conservation and management. Pages 83-127 in Lacki, M. J., H. P. Hayes, and A. Kurta, editors. *Bats in Forests: conservation and management*. Johns Hopkins University Press. 329 pages.
- Baker, M. D., and M. J. Lacki. 2006. Roosting habitat of female long-legged myotis in ponderosa pine forests. *Journal of Wildlife Management* 70: 207-215.
- Baker, M. D., and M. J. Lacki. 2004. Forest Bat Communities in the east Cascade Range, Washington. *Northwest Science* 78(3):234-241.
- Lacki, M. J., H. F. Yacek, and M. D. Baker. 2004. Nesting success of forest songbirds in the mixed mesophytic forest in eastern Kentucky. *Journal of the Kentucky Academy of Science* 65(1) 21-26.

Peer-reviewed Publications, Dissertation, and Thesis (continued)

- Lacki, M. J., and M. D. Baker. 2003. A prospective power analysis and review of habitat measures used in studies of tree-roosting bats. *Acta Chiropterologica* 5(2): 199-208.
- Baker, M. D. 2000. Habitat influences on nongame bird nest success in a managed and fragmented southern pine forest. Ph.D. Dissertation, Louisiana State University, Baton Rouge, LA 238pp.
- Lacki, M. J., and M. D. Baker. 1998. Observations of forest-interior bird communities in older-growth forests in eastern Kentucky. *Journal of the Kentucky Academy of Science* 59(2):174-177.
- Baker, M. D., and M. J. Lacki. 1997. Short-term changes in bird communities in response to silvicultural prescriptions. *Forest Ecology and Management* 96 (1997) 27-36.
- Adams, J. P., M. J. Lacki, and M. D. Baker. 1996. Response of herpetofauna to silvicultural prescriptions in the Daniel Boone National Forest, Kentucky. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 50:312-320.
- Baker, M. D. 1996. Composition of avifaunal breeding communities in response to silvicultural prescriptions on the Daniel Boone National Forest, Kentucky. M.S. Thesis, University of Kentucky, Lexington, KY 151pp.

Selected Grants and Contracts

- 2007 – 2007 “Determining where pallid bats (*Antrozous pallidus*) frequent” on the Plumas National Forest, California. \$60,000 - U.S. Forest Service, Plumas National Forest, California. Contract Number AG-9JNE-07-0037. **(PI)**
- 2004 – 2006 Survey of forest bats in managed coniferous forests of north-central Idaho. \$20,000 – Idaho Wildlife Conservation and Restoration Program **(co-PI)**.
- 2004 – 2004 Long-legged myotis (*Myotis volans*) roost-site characteristics, temperature profiles, and roost occupancy on forest lands adjacent to Dworshak Reservoir, north central Idaho. \$10,000 – U.S. Army Corps of Engineers Cooperative Agreement #. DACW68-82-C-0008 **(PI)**.
- 2002 – 2003 Research Equipment Initiative - \$16,769.00 – University of Kentucky **(co-PI)**

Non-refereed Reports and Published Abstracts

- Baker, M. D., and M. L. Bayless. 2012. Surveillance and Monitoring of Cave Roosts for Abnormal Emergence Behavior by Rare and Endangered Bats in Kentucky. Final report prepared for the Kentucky Department of Fish and Wildlife Resources. Doc ID No: PON2 660 0900011422 6
- Baker, M. D., and M. L. Bayless. 2011. Surveillance and Monitoring of Cave Roosts for Abnormal Emergence Behavior by Rare and Endangered Bats in Kentucky. Annual report prepared for the Kentucky Department of Fish and Wildlife Resources. Doc ID No: PON2 660 0900011422 6
- Baker, M. D., M. L. Bayless, D. N. Redell, S. Johnson, B. Slack, L. Pruitt, and M. Armstrong. 2011. Continuous Remote Monitoring of Bat Activity at WNS-affected and Unaffected Sites. The 2011 White-nose Syndrome Symposium, Little Rock, AR.

- Baker, M. D., M. L. Bayless, and M. Schirmacher. 2010. Surveillance and Monitoring of Cave Roosts for Abnormal Emergence Behavior by Rare and Endangered Bats in Kentucky. Annual report prepared for the Kentucky Department of Fish and Wildlife Resources. Doc ID No: PON2 660 0900011422 6
- Johnson, J., J. Treanor, M. Lacki, M. Baker, L. Dodd, and G. Falxa. 2012. Preparing for possible arrival of white-nose syndrome in the western United States: an example from Yellowstone National Park. *Bat Research News* 53:85.
- Arnett, E. B., C. D. Hein, M. R. Schirmacher, M. Baker, M. M. P. Huso, and J. M. Szewczak. 2011. Evaluating the effectiveness of an ultrasonic acoustic deterrent for reducing bat fatalities at wind turbines. A final report submitted to the Bats and Wind Energy Cooperative. Bat Conservation International. Austin, Texas, USA.
- Arnett, E. B., M. D. Baker, M. P. Huso, and J. M. Szewczak. 2010. Evaluating the effectiveness of an ultrasonic acoustic deterrent for reducing bat fatalities at wind facilities. Annual Report prepared for the Bats and Wind Energy Cooperative. Bat Conservation International. Austin, Texas, USA.
- Baker, M. D. 2010. Breaking beams to count bats: Technology monitors colonies around the clock. *Bats Magazine* 28(2).
- Kennedy, J. W., and M. D. Baker. 2009. Identification and Management of Cave Roosts for Rare and Endangered Bats in Kentucky.
- Baker, M. D., P. L. Droppelman, and R. A. Slack. 2007. "Determining where pallid bats (*Antrozous pallidus*) frequent" on the Plumas National Forest, California. Final Report on the 2007 Pallid Bat Assessment to the U.S. Forest Service, Plumas National Forest, California. Contract Number AG-9JNE-07-0037.
- Eco-Tech Consultants, Inc. 2007b. Survey for the federally endangered Indiana bat (*Myotis sodalis*) on the Bluegrass Army Depot, Madison County, Kentucky. Final report to the U.S. Army.
- Eco-Tech Consultants, Inc. 2007a. Survey for the federally endangered Indiana bat (*Myotis sodalis*) on the Rockies Express Pipeline across Ohio. Final report to BHE Environmental.
- Baker, M. D. and M. J. Lacki. 2006. Day-roosting habits of female fringed myotis (*Myotis thysanodes*), in xeric forests of the Pacific Northwest. *Bat Research News* 47:85.
- Cox, D. R., M. J. Lacki, M. D. Baker, and J. S. Johnson. 2006. Effect of sampling size on habitat modeling for forest-roosting bats. *Bat Research News* 47:97.
- Johnson, J. S., M. J. Lacki, and M. D. Baker. 2006. Foraging ecology of long-legged myotis (*Myotis volans*) in north-central Idaho. *Bat Research News* 47:114.
- Baker, M.D., and M.J. Lacki. 2006. Survey of forest bat communities and day-roosting ecology of *Myotis volans* in North-central Idaho, 2004-2005 comprehensive report. Final report to the Idaho Fish and Game, State Wildlife Project No. T-1-5 0410. 48pp.
- Baker, M. D., M. J. Lacki, and J. S. Johnson. 2005. Day-roosting behavior of female *Myotis volans* in xeric and mesic forests of the Intermountain northwestern United States. *Bat Research News* 46:154.
- Johnson, J. S., M. J. Lacki, and M. D. Baker. 2005. Foraging Behavior of the Long-legged Myotis (*Myotis volans*) in Northern Idaho. *Bat Research News* 46:185-186.

Non-refereed Reports and Published Abstracts (continued)

- Baker, M. D., M. J. Lacki, and J. S. Johnson. 2004. Long-legged myotis (*Myotis volans*) roost-site characteristics, temperature profiles, and roost occupancy on forest lands adjacent to the Dworshak Reservoir, north-central Idaho. Final Report to the U.S. Army Corps of Engineers, Cooperative Agreement # DACW68-82-C-0008.
- Baker, M. D., and M. J. Lacki. 2004. Habitat use by day-roosting female long-legged myotis (*Myotis volans*) in ponderosa pine forests. *Bat Research News* 45:49.
- Lacki, M. J., and M. D. Baker. 2004. Variation in choice of day roosts by reproductively-active female long-legged myotis (*Myotis volans*) in Ponderosa Pine Forests. *Bat Research News* 45:129-130.
- Baker, M. D., and M. J. Lacki. 2002. Importance of slope position and bark type in selection of day roosts by female *Myotis volans*. *Bat Research News* 43:134.

Presentations at Seminars, Workshops, and Meetings

- Michael D. Baker. 2016. Townsend's Big-eared Bat Natural History and the Role of Basal Hollows. Townsend's Big-eared Bat (*Corynorhinus townsendii*) Basal Hollow Habitat Assessment and Survey Methods Workshop - February 10, 2016, Big Basin Redwoods State Park, CA. **(Invited)**
- Michael D. Baker. 2015. Townsend's Big-eared Bat Natural History and the Role of Basal Hollows. Townsend's Big-eared Bat (*Corynorhinus townsendii*) Basal Hollow Habitat Assessment and Survey Methods Workshop - December 8, 2015, Caspar, CA. **(Invited)**
- Michael D. Baker. 2015. Townsend's big-eared bat: Bat Ecology, Forest Practice, & Regulatory Guidance. California Licensed Forester's Association Spring Conference "Wildlife in Timber Harvest Plans" – March 6, 2015, McClellan, CA. **(Invited)**
- Michael D. Baker. 2012. Update on GateKeeper beam-break system projects in Arkansas, Indiana, and Kentucky, with emphasis on 23 months of data from Saltpetre Cave, Carter County, KY. 2012 Meeting of the Northeastern Bat Working Group, Carlisle, PA.
- Michael D. Baker. 2011. An update on GateKeeper beam-break system projects, with emphasis on 21 months of data from Saltpetre Cave, Carter County, KY. 2011 Meeting of the Tennessee Bat Working Group, Fall Creek Falls State Park, Pikeville, TN. **(Invited)**
- Michael D. Baker, Mylea L. Bayless, David N. Redell, Scott Johnson, Brooke Slack, Lori Pruitt, and Mike Armstrong. 2011. Continuous Remote Monitoring of Bat Activity at WNS-affected and Unaffected Sites. The 2011 White-nose Syndrome Symposium, Little Rock, AR. **(Invited)**
- Michael D. Baker, Jim W. Kennedy, and Mylea L. Bayless. 2010. Update on restoration efforts and beam-break system function at Saltpetre Cave, Carter County, KY. Second Annual Meeting of the Kentucky Bat Working Group, Frankfort, KY. **(Invited)**
- Michael D. Baker, Jim W. Kennedy, and Mylea L. Bayless. 2010. Update on restoration efforts and beam-break system function at Saltpetre Cave, Carter County, KY. 2010 Meeting of the Tennessee Bat Working Group, Nashville, TN. **(Invited)**

Presentations at Seminars, Workshops, and Meetings (continued)

- Michael D. Baker, Mylea L. Bayless, Brooke Slack, Mike Armstrong, and David N. Redell. 2010. The GateKeeper Beam-break System in Kentucky. The 2010 White-nose Syndrome Symposium, Pittsburgh, PA. **(Invited)**
- Michael D. Baker. 2010. Proposed Structure of the Midwestern Bat Working Group. Second Annual Meeting of the Midwestern Bat Working Group, Terre Haute, IN. **(Invited)**
- Michael D. Baker. 2009. Overview of the Western Bat Working Group. First Annual Meeting of the Midwestern Bat Working Group, Terre Haute, IN. **(Invited)**
- Michael J. Lacki, Michael D. Baker, and Henning C. Stabins. 2007. Six years of bat research by the Northwest Bat Cooperative. Western Bat Working Group 2007 Biennial Meeting, Tucson, AZ.
- Michael D. Baker and Michael J. Lacki. 2006. Day-roosting habits of female fringed myotis (*Myotis thysanodes*), in xeric forests of the Pacific Northwest. 36th North American Symposium on Bat Research, Wilmington, NC.
- Daniel R. Cox, Michael J. Lacki, Michael D. Baker, and Joseph S. Johnson. 2006. Effect of sampling size on habitat modeling for forest-roosting bats. 36th North American Symposium on Bat Research, Wilmington, NC.
- Joseph S. Johnson, Michael J. Lacki, and Michael D. Baker. 2006. Foraging ecology of long-legged myotis (*Myotis volans*) in north-central Idaho. 36th North American Symposium on Bat Research, Wilmington, NC.
- Brian W. Moser, Michael J. Lacki, and Michael D. Baker. 2006. Forest Management to Promote Conservation of Forest Bats. NCASI West Coast Regional Meeting, Portland, OR.
- Michael D. Baker, Michael J. Lacki, and Joseph S. Johnson. 2006. Fifth year update on the 1st Northwest Bat Cooperative research project: three regions, six watersheds, and hundreds of roosts. Idaho Bat Working Group Meeting, Northwest Section of the Wildlife Society Meeting, Boise, ID. **(Invited)**
- Michael D. Baker, Michael J. Lacki, and Joseph S. Johnson. 2006. Survey of Forest Bat Communities and Day-roosting Ecology of *Myotis volans* in North-central Idaho. Idaho Bat Working Group Meeting, Northwest Section of the Wildlife Society Meeting, Boise, ID. **(Invited)**
- Michael D. Baker, Michael J. Lacki, and Joseph S. Johnson. 2005. Day-roosting behavior of female *Myotis volans* in xeric and mesic forests of the Intermountain northwestern United States. 35th North American Symposium on Bat Research, Sacramento, CA.
- Joseph S. Johnson, Michael J. Lacki, and Michael D. Baker. 2005. Foraging Behavior of the Long-legged Myotis (*Myotis volans*) in Northern Idaho. 35th North American Symposium on Bat Research, Sacramento, CA.
- Michael D. Baker. 2004. Preliminary report on the fourth field season of the first Northwest Bat Cooperative project. Forest Management and Bat Conservation Workshop, Spokane, WA. **(Invited)**.
- Michael D. Baker and Michael J. Lacki. 2004. Habitat use by day-roosting female long-legged myotis (*Myotis volans*) in ponderosa pine forests. 2nd Bats and Forests Symposium and Workshop, Hot Springs, AR. **(Invited)**.

Presentations at Seminars, Workshops, and Meetings (continued)

- Michael J. Lacki and Michael D. Baker. 2004. Variation in choice of day roosts by reproductively-active female long-legged myotis (*Myotis volans*) in Ponderosa Pine Forests. 13th International Bat Research Conference, Mikolajki, Poland. **(Invited)**.
- Michael J. Lacki and Michael D. Baker. 2004. Use of day roosts by *Myotis volans* and *Myotis thysanodes* in coniferous forests on the east side of the Cascade Crest. Oregon Chapter of the Wildlife Society Annual Meeting, Bend, OR. **(Invited)**.
- Michael D. Baker. 2003. Preliminary report on the third field season of the first Northwest Bat Cooperative project. Forest Management and Bat Conservation Workshop, Eugene, OR. **(Invited)**.
- Michael D. Baker and Michael J. Lacki. 2002. Importance of slope position and bark type in selection of day roosts by female *Myotis volans*. 32nd North American Symposium on Bat Research, Burlington, VT.
- Michael D. Baker and Michael J. Lacki. 2001. Roost-site Selection and Roost Microclimates of Tree-roosting Bats in Coniferous Forests of the Pacific Northwest. Washington Bat Working Group, Cle Elum, WA.
- Michael D. Baker. 2000. Nongame bird nest success in a managed and fragmented pine forest. Seventh Annual National Meeting of The Wildlife Society, Nashville, TN.
- Michael D. Baker. 1997. An investigation of avian reproductive success in a managed pine forest. Symposium of current research of staff and students of Dr. Robert Hamilton's avian ecology laboratory. LSU, School of Forestry, Wildlife, and Fisheries, Baton Rouge, LA.
- Michael D. Baker. 1995. Composition of breeding avifaunal communities in response to silvicultural prescriptions on the Daniel Boone National Forest, Kentucky. 49th annual meeting of SEAFWA, Nashville, TN.
- Michael J. Lacki and Michael D. Baker. 1995. Long-term monitoring of small mammals on the Daniel Boone National Forest, Kentucky: evaluation of responses to silvicultural prescriptions. 5th Colloquium on Conservation of Mammals in the South-Central United States, Somerset, KY.
- Michael D. Baker. 1994. Avian community structure in response to timber harvest methods on the Daniel Boone National Forest, Kentucky: An analysis of pre-treatment data. Meeting of the Kentucky Chapter of the Wildlife Society, Cumberland Lake, KY. **(Outstanding Student Paper Award)**.

Editorial and Symposium work, Bat Working Group involvement, Professional Society Memberships, etc.

- Selected as an editorial reviewer for a bat study manuscript submitted to the "Journal of North American Bat Research", 2024.
- Selected as an editorial reviewer for a bat study manuscript submitted to "Northeastern Naturalist", 2016.
- Selected to review "Bats of the United States and Canada" for the Journal of Mammalian Evolution, 2012.
- Selected to assist USFWS with development of LCC Region 4, Area 1 Refuges Bat Study protocols 2012.
- Member of White Nose Syndrome Committee on Recovery and Conservation, Little Rock, AR May 2011.

Editorial & Symposium work, Bat Working Groups, Professional Society Memberships, etc. (continued)

Selected as WNS Committee Chair for Southeastern Bat Diversity Network, Louisville, KY 2011-12.

Selected as a 'species expert' for input on potential for USFWS captive breeding of Indiana myotis. 2011.

Selected as a peer reviewer and Session Moderator for the Proceeding of the Symposium on Conservation and Management of Big-eared Bats in the Eastern United States, Athens, GA 2010.

Elected to the Board of Directors of the Southeastern Bat Diversity Network, Asheville, NC, 2010-12.

Selected to serve on the Steering Committee for the formation of the Midwest Bat Working Group.

Selected as Session Chair for the 36th North American Symposium on Bat Research, Wilmington, NC, 2006.

Selected as peer reviewer, *Journal of Wildlife Management*, 2005, 2007, 2008 & *Northwest Science* 2008.

Selected as editorial review assistant for a book on Conservation and Management of Bats in Forests, 2005.

Selected to present research results at the 2nd North American Symposium on Bats and Forests and to provide editorial assistance with preparation of abstracts for conference proceedings, 2004.

Served as a Nongame Bird Ecology and Conservation session paper reviewer for the Wildlife Society's annual meeting in Nashville, TN, September 2000.

Member of The Wildlife Society 2000 - present. Member of the Western Bat Working Group 2001 - 2006.
Member of The Society for Conservation Biology 1995 - 2005.

Outstanding Student Paper Award 1994 - Kentucky Chapter of the Wildlife Society.

Trained in Defensive Driving (LSU & USFS), ATV operation (Air Force), Emergency First-Aid, and CPR.

Partial List of Training Courses and Workshops Completed in California – 2013 - 2024

Basic Wetlands Delineation, Biological Assessment Preparation, California Red-legged Frog Workshop, Burrowing Owl workshop, Vegetation Rapid Assessment, Environmental Commitments Compliance, Intro to NEPA & Transportation Project Compliance, Right of Way & You, Sexual Harassment Prevention, Diversity Awareness Training, Advanced Conflict Resolution, Basic Forest Practice, Bats of the Sierra, Bat Acoustic Detection and Analyses, Forest Practice Law Enforcement, Forest Insects & Diseases, – *List is inexhaustive.*

A List of Professional References is provided as a separate word document