

**ANDRÉS M. CUERVO, Ph.D.**

*Curriculum Vitae*

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Postdoctoral Fellow (Host: Prof. Elizabeth Derryberry, Ph.D.)

September 2013-present

Department of Ecology & Evolutionary Biology

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**EDUCATION:**

Ph.D. Louisiana State University, U.S.A. August 2013.

Department of Biological Sciences (Division of Systematics, Ecology, and Evolution), and Museum of Natural Science.

Dissertation: *"Evolutionary Assembly of the Neotropical Montane Avifauna"*.

Advisor: Robb T. Brumfield. Committee: James Van Remsen (co-advisor), Bryan C. Carstens, Michael Hellberg, Frederick H. Sheldon, and Alan Afton.

M.Sc. University of Puerto Rico-Río Piedras, Puerto Rico. August 2005.

Department of Biology.

Thesis: *"Does Landscape Fragmentation Influence the Phenotype? Testing the Variation in Bilateral Asymmetry, Morphology, and Feather Growth Rates of Tropical Andean Birds"*.

Advisor: Carla Restrepo. Committee: T. Mitchell Aide, Nicholas Brokaw, and A. Richard Palmer (University of Alberta).

B.S. Universidad de Antioquia, Medellín, Colombia. December 2002.

Instituto de Biología.

Thesis: *"Effect of Habitat Fragmentation on Andean Birds: Body Size and Fluctuating Asymmetry."* Advisor: Carla Restrepo. Co-advisor: Ricardo Callejas.

**AWARDS, FELLOWSHIPS, AND HONORS:**

2013. Outstanding Graduate Student Award. Museum of Natural Science, Louisiana State University, Baton Rouge, LA, U.S.A.

2012. Alexander Wilson Prize for best student presentation. V North American Ornithological Conference, Vancouver, Canada.

2012. C. R. Komma Memorial Outstanding International Graduate Student Award, Department of Biological Sciences, Louisiana State University, Baton Rouge, LA, U.S.A.

2012. Dissertation Year Fellowship, Louisiana State University, Baton Rouge, LA, U.S.A.

2007-2010. Huel Perkins Diversity Fellowship, Louisiana State University, Baton Rouge, LA, U.S.A.

2006-2007. American Association for the Advancement of Science. Student Membership Award.

2004. Student Membership Award. British Ornithologists' Club.

2003. Best Student Poster Award. VII Neotropical Ornithological Congress. Neotropical Ornithological Society and Unión de Ornitólogos de Chile, Puyehue, Chile.

2002. Student Membership Award. American Ornithologists' Union.

1997. Fellowship to the best undergraduate biology student. Facultad de Ciencias Exactas y Naturales [College of Natural Sciences], Universidad de Antioquia, Medellín, Colombia.

**OTHER GRADUATE EDUCATION:**

- 2010. Statistical Phylogeography. Instructors: Bryan C. Carstens, Michael Hickerson, Naoki Takebayashi. South West Research Station, American Museum of Natural History, Portal, Arizona.
- 2001. Tropical Ecology and Conservation OTS 2001–2. Instructors: Alejandro Farji, Gilbert Barrantes. Organization for Tropical Studies, Universidad de Costa Rica, Costa Rica.
- 2000. Conservation Biology: Conceptual Principles. Instructors: Javier Simonetti, Rodolfo Dirzo. Red Latinoamericana de Botánica, Universidad Nacional Autónoma de México, Universidad Autónoma del Estado de Morelos, Universidad de Chile. Sierra de Huautla, Morelos, México.

**REFEREED PUBLICATIONS (\*denotes undergraduate author):**

- 2015. Avendaño, J. E., **A. M. Cuervo**, J.P. López-O., N. Gutiérrez-Pinto\*, A. Cortés & C. D. Cadena. A new species of tapaculo (Rhinocryptidae: *Scytalopus*) from the Serranía de Perijá of Colombia and Venezuela. *Auk* 132: 450-466. doi: 10.1642/AUK-14-166.1
- 2015. Benham, P. M., **A. M. Cuervo**, J. A. McGuire & C. C. Witt. Biogeography of the Andean metaltail hummingbirds: contrasting evolutionary histories of tree line and habitat-generalist clades. *Journal of Biogeography* DOI: 10.1111/jbi.12452.
- 2014. **Cuervo, A. M.**, F. G. Stiles, M. Lentino, R. T. Brumfield, and E. P. Derryberry. 2014. Geographic variation and phylogenetic relationships of *Myiopagis olallai* (Aves: Passeriformes; Tyrannidae), with the description of two new taxa from the Northern Andes. *Zootaxa* 3873: 1-24.
- 2014. Smith, B. T., J. E. McCormack, **A. M. Cuervo**, M. J. Hickerson, A. Aleixo, C. D. Cadena, J. Pérez-Emán, C. W. Burney, X. Xie, M. G. Harvey, B. C. Faircloth, T. C. Glenn, E. P. Derryberry, J. Prejean, S. Fields\* & R. T. Brumfield. The drivers of tropical speciation. *Nature* 515: 406-409. doi:10.1038/nature13687
- 2014. López-O., J. P., J. E. Avendaño, N. Gutiérrez-Pinto\* & **A. M. Cuervo**. The birds of the Serranía de Perijá: the northernmost avifauna of the Andes. *Ornitología Colombiana* 14: 62–93.
- 2014. Claramunt, S., **A. M. Cuervo**, V. de Q. Piacentini, G. A. Bravo & J. V. Remsen, Jr. Comment on *Grallaria fenwickorum* Barrera & Bartels, 2010 (Aves, Grallariidae): proposed replacement of an indeterminate holotype by a neotype [Case 3623]. *Bulletin of Zoological Nomenclature* 71: 40-43.
- 2014. Valderrama, E., J. L. Pérez-Emán, R. T. Brumfield, **A. M. Cuervo**, & C. D. Cadena. 2014. The influence of the complex topography and dynamic history of the montane Neotropics on the evolutionary differentiation of a cloud forest bird (*Premnoplex brunnescens*, Furnariidae). *Journal of Biogeography* 41: 1533–1546.
- 2013. Claramunt, S., E. P. Derryberry, C. D. Cadena, **A. M. Cuervo**, C. Sanín & R. T. Brumfield. Phylogeny and classification of *Automolus* foliage-gleaners and allies (Furnariidae). *Condor* 115: 375-385
- 2013. Rheindt, F. E., **A. M. Cuervo** & R. T. Brumfield. Rampant polyphyly indicates cryptic diversity in a clade of Neotropical flycatchers (Aves: Tyrannidae). *Biological Journal of the Linnean Society* 108: 889-900.
- 2013. d’Horta F. M., **A. M. Cuervo**, C. C. Ribas, R. T. Brumfield & C. Y. Miyaki. Phylogeny and comparative phylogeography of *Sclerurus* (Aves: Furnariidae) reveal constant and cryptic diversification in an old radiation of rain forest understory specialists. *Journal of Biogeography* 40: 37-49.
- 2013. Robbins, M. B, T. S. Schulenberg, D. F. Lane, **A. M. Cuervo**, L. C. Binford, A. S. Nyári, M. Combe, E. Arbeláez-Cortés, W. Wehtje & A. Lira-Noriega. Abra Maruncunca, dpto. Puno, Peru, revisited: vegetation cover and avifauna changes over a 30-year period. *Bulletin of the British Ornithologists’ Club* 133: 31-51.

**REFEREED PUBLICATIONS (CONTINUED)...**

2013. David, S.\* J. M. Muñoz\*, D. Ocampo\*, M. C. Estrada\* & **A. M. Cuervo**. Iris coloration and a case of temporary heterochromia in the Red-bellied Grackle (*Hypopyrrhus pyrohypogaster*). *Ornitología Colombiana* 13: 83-88.
2012. Isler, M. L., **A. M. Cuervo**, G. A. Bravo & R. T. Brumfield. An integrative approach to species-level systematics reveals the depth of diversification in an Andean thamnophilid, the Long-tailed Antbird. *Condor* 114: 571-583.
2012. Lara, C. E., **A. M. Cuervo**, S. V. Valderrama, D. Calderón-F. & C. D. Cadena. A new species of wren (Troglodytidae: *Thryophilus*) from the dry Cauca river canyon, northwestern Colombia. *Auk* 129: 537-550.
2012. Gutiérrez-Pinto, N.\*#, **A. M. Cuervo**#, J. Miranda, J. L. Pérez-Emán, R. T. Brumfield & C. D. Cadena. Non-monophyly and deep genetic differentiation across low-elevation barriers in a Neotropical montane bird (*Basileuterus tristriatus*; Aves: Parulidae). *Molecular Phylogenetics and Evolution* 64:156-165 # *Authors contributed equally to this work*.
2012. Ocampo, D.\*, M. C. Estrada-F.\*, J. M. Muñoz\*, L. V. Londoño\*, S. David\*, G. Valencia\*, P. A. Morales\*, J. A. Garizábal\* & **A. M. Cuervo**. Breeding biology of the Red-bellied Grackle (*Hypopyrrhus pyrohypogaster*): A cooperative breeder of the Colombian Andes. *Wilson Journal of Ornithology* 124:538-546.
2011. Leal, C. A., H. S. Meneses, O. Gereda, **A. M. Cuervo** & E. Bonaccorso. Range extension and description of the juvenile plumage of the Masked Mountain-tanager (*Buthraupis wetmorei*, Thraupidae). *Ornitología Colombiana* 11:91-97.
2010. Chaves, J. C.\*, **A. M. Cuervo**, M. J. Miller, & C. D. Cadena. Revising species limits in a group of *Myrmeciza* antbirds reveals a cryptic species within *M. laemosticta* (Thamnophilidae). *Condor* 112: 718-730.
2010. Cadena, C. D. & **A. M. Cuervo**. Molecules, ecology, morphology and songs in concert: Can we know how many species is *Arremon torquatus* (Aves, Emberizidae)? *Biological Journal of the Linnean Society* 99: 152-176.
2008. **Cuervo, A. M.**, P. C. Pulgarín, & D. Calderón. New bird records from the Colombian Central Andes with implications for the biogeography of northwestern South America. *Condor* 110: 526-537.
2008. **Cuervo, A. M.**, P. C. Pulgarín, D. Calderón, J. M. Ochoa-Quintero, C. A. Delgado-V., A. Palacio, J. Botero\*, & W. Múnera\*. Avifauna of the northern Cordillera Central of the Andes, Colombia. *Ornitología Neotropical* 19: 495-515.
2007. **Cuervo, A. M.** & C. Restrepo. Assemblage and population-level consequences of forest fragmentation on bilateral asymmetry in tropical montane birds. *Biological Journal of the Linnean Society* 92: 119-133.
2007. **Cuervo, A. M.**, A. Hernández, O. Cortés, & O. Laverde. New bird records from the highlands of Serranía de las Quinchas, middle Magdalena valley, Colombia. *Ornitología Colombiana* 5: 94-98.
2006. **Cuervo A. M.**, C. D. Cadena, & J. L. Parra. Continue collecting birds in Colombia is essential: A call for strengthening ornithological collection. *Ornitología Colombiana* 4: 51-58.
2005. **Cuervo A. M.**, C. D. Cadena, N. Krabbe & L. M. Renjifo. *Scytalopus stilesi*, A new species of tapaculo (Rhinocryptidae) from the Cordillera Central of Colombia. *Auk* 122: 445-463.
2004. C. D. Cadena, **A. M. Cuervo** & S. M. Lanyon. Phylogenetic relationships of the Red-bellied Grackle (*Hypopyrrhus pyrohypogaster*) based on mitochondrial DNA sequence data. *Condor* 106: 664-670.
2003. **Cuervo A. M.\***, F. G. Stiles, C. D. Cadena, J. L. Toro & G. A. Londoño. New and noteworthy bird records from the northern sector of the Western Andes of Colombia. *Bulletin of the British Ornithologists' Club* 123: 7-24.

**REFEREED PUBLICATIONS (CONTINUED)...**

2002. Salaman, P., T. M. Donegan & **A. M. Cuervo\***. New distributional bird records from Serranía de San Lucas and adjacent Central Cordillera of Colombia. *Bulletin of the British Ornithologists' Club* 122: 285–303.
2002. Salaman, P. G. W., F. G. Stiles, C. I. Bohórquez, M. Álvarez, T. M. Donegan, & **A. M. Cuervo\***. New and noteworthy bird records from the Andean East slope of Colombia. *Caldasia* 24(1): 157–189.
2001. **Cuervo, A. M.\*** & C. A. Delgado\*. Additional records for the avifauna of the Valle de Aburrá, with comments on the local ornithological research. *Boletín Sociedad Antioqueña de Ornitología SAO* 12 (22–23): 52–65.
2001. **Cuervo, A. M.\*** Selecting Acacia trees for nesting in birds: An indirect benefit from the ant-Acacia mutualism. *Boletín Sociedad Antioqueña de Ornitología SAO* 12 (22–23): 42–45.
2001. **Cuervo, A. M.\***, P. Salaman, T. Donegan & J. M. Ochoa\*. A new species of Piha (Cotingidae: *Lipaugus*) from the Cordillera Central of Colombia. *Ibis* 143: 353–368.
1999. Salaman, P., T. Donegan & **A. M. Cuervo\***. Ornithological surveys to Serranía de los Churumbelos, southern Colombia. *Cotinga* 12: 29–39.
1999. **Cuervo, A. M.\***, J. M. Ochoa\*, & P. Salaman. Recent records of the Blue-knobbed Currawong (*Crax alberti*) with notes on natural history, distribution and conservation. *Boletín Sociedad Antioqueña de Ornitología SAO* 10 (18–19): 69–80.
1998. Ochoa J. M.\* & **Cuervo A. M.\*** Notes on the nesting of the Red-bellied Grackle (*Hypopyrrhus pyrohypogaster*) in Barbosa, Antioquia. *Boletín Sociedad Antioqueña de Ornitología SAO* 9(16–17): 61–68.

**SUBMITTED ARTICLES:**

**Cuervo, A. M.** & R. T. Brumfield. Ecological specialization leads to increased speciation in a tropical biodiversity hotspot.

**OTHER PUBLICATIONS:**

2014. **Cuervo, A. M.** [species accounts] in: L. M. Renjifo, M. F. Gómez, J. Velásquez-Tibatá, A. M. Amaya-Villarreal, G. H. Kattan, J. D. Amaya-Espinel & J. Burbano-Girón (eds.). *Libro Rojo de Aves de Colombia, Vol I. [Red Data Book of Colombian Birds]*. Editorial Pontificia Universidad Javeriana. Bogotá.
2007. Álvarez, M., V. Caro, O. Laverde & **A. M. Cuervo**. A Sound Guide to the Birds of the Colombian Andes. Seven Audio CDs compilation. Instituto Alexander von Humboldt & Cornell Laboratory of Ornithology, Ithaca, NY.
2002. Toro, J. L. & **A. M. Cuervo**. *Aves en Peligro de Extinción en la Jurisdicción de CORANTIOQUIA [Endangered Birds of the Department of Antioquia]*. Corporación Autónoma Regional del Centro de Antioquia, Medellín, 96 pp. ISBN 9589663966.
2002. **Cuervo, A. M.** [10 species accounts] in: L. M. Renjifo, A. M. Franco, J. D. Amaya, G. H. Kattan & B. López-Lanús (eds.). *Libro Rojo de Aves de Colombia [Red Data Book of Colombian Birds]*. Instituto Alexander von Humboldt and Ministerio del Medio Ambiente. Bogotá.

**RESEARCH GRANTS AND OTHER FUNDING:**

2014. Travel Award. Phylogenomics Symposium and Software School. The University of Texas at Austin and the Society for Systematic Biology.
2013. Student Travel Award. 6<sup>th</sup> Biennial Meeting, International Biogeography Society.
2009. Doctoral Dissertation Improvement Grant, National Science Foundation (NSF).
2009. Frank M. Chapman Memorial Fund. American Museum of Natural History.
2009. Grants-in-Aid-of-Research. Society of Integrative and Comparative Biology.
2008. Award for Graduate Student Research, Society of Systematic Biologists.

**RESEARCH GRANTS AND OTHER FUNDING (CONTINUED)...**

- 2008. Lewis and Clark Fund for Exploration and Field Research, American Philosophical Society.
- 2008. Alexander Wetmore Award, American Ornithologists' Union.
- 2008. Louis Agassiz Fuertes Award, Wilson Ornithological Society.
- 2008. Idea Wild. Grant for the field equipment.
- 2007. Virginia L. Mouw Ornithology Award, Museum of Natural Science, Louisiana State University.
- 2007-2008. Association of Biology Graduate Students (BioGrads), Louisiana State University.
- 2004. Sigma Xi Grant-in-Aid of Research. The Scientific Research Society.
- 2003. Student Travel Award. XVII Annual Meeting of the Society for Conservation Biology, University of Minnesota.
- 2002. Funds for research. Corporación Autónoma Regional del Centro de Antioquia (CORANTIOQUIA), Medellín, Colombia.
- 2001. Organization for Tropical Studies (OTS) Fellowship.
- 2001. Neotropical Bird Club Conservation Award.
- 2001. Conservation grant. Instituto Alexander von Humboldt, Colombia.
- 2001. Grant for the field equipment, Idea Wild.
- 2001. Partial fellowship. Tropical Ecology and Conservation course, Organization for Tropical Studies (OTS), University of Costa Rica.
- 2000. Fellowship Conservation Biology: Conceptual Principles course. Red Latinoamericana de Botánica (RLB).
- 1999. Student Travel Award. Neotropical Ornithological Society. VI Neotropical Ornithological Congress, Monterrey, Mexico.
- 1999-2000. Funds for research. Corporación Autónoma Regional del Centro de Antioquia (CORANTIOQUIA), Medellín, Colombia.

**INVITED PRESENTATIONS AT SCIENTIFIC MEETINGS:**

- 2013. **Cuervo, A. M.** & R. T. Brumfield. Ecological and historical drivers of genetic differentiation in a biodiversity hotspot. Department of Biological Sciences, University of New Orleans, New Orleans, LA, U.S.A.
- 2011. **Cuervo, A. M.** & R. T. Brumfield. The evolutionary assembly of the Andean avifauna [In Spanish]. *Discertia Biológica*. Museo Universitario e Instituto de Biología, Universidad de Antioquia, Medellín, Colombia.
- 2006. **Cuervo, A. M.** & C. Restrepo. Phenotypic effects of forest fragmentation on tropical montane birds. Museum of Natural Science Seminar Series, Louisiana State University, Baton Rouge, LA, U.S.A.

**CONTRIBUTED PRESENTATIONS AT SCIENTIFIC MEETINGS:**

- 2014. **Cuervo, A. M.**, G. A. Bravo, F. H. Sheldon, A. Aleixo, T. Chesser, J. Cracraft, R. Moyle, L. F. Silveira, M. G. Harvey, B. T. Smith, G. Derryberry, S. Claramunt, R.T. Brumfield & E. P. Derryberry. Towards a complete phylogeny of suboscine passerines using genomic-scale data. XXI Congresso Brasileiro de Ornitologia. Rio de Janeiro, Brazil.
- 2014. **Cuervo, A. M.**, R. T. Brumfield, F. H. Sheldon, A. Aleixo, G. A. Bravo, T. Chesser, J. Cracraft, R. Moyle, L. F. Silveira, M. G. Harvey, B. T. Smith, G. Derryberry, S. Claramunt & E. P. Derryberry. Filogenómica de los pájaros suboscinos. Simposio: Avances en la Ornitología Colombiana. IV Congreso Colombiano de Zoología, Cartagena, Colombia.

**CONTRIBUTED PRESENTATIONS AT SCIENTIFIC MEETINGS (CONTINUED)...**

2014. **Cuervo, A. M.**, R. T. Brumfield, F. H. Sheldon, A. Aleixo, G. A. Bravo, T. Chesser, J. Cracraft, R. Moyle, L. F. Silveira, M. G. Harvey, B. T. Smith, G. Derryberry, S. Claramunt & E. P. Derryberry. Phylogenomics of the pantropical radiation of suboscine passerines. Annual meeting of the American Ornithologists' Union, the Cooper Ornithological Society, and the Society of Canadian Ornithologists, Estes Park, CO, U.S.A.
2014. **Cuervo, A. M.** & R. T. Brumfield. Why inter-montane valleys are lower in the tropics? Testing drivers of speciation in Andean birds. Evolution 2014 Meeting, Raleigh, NC.
2013. **Cuervo, A. M.** & R. T. Brumfield. Historical assembly of a diverse bird fauna: Diversification in the linear "archipelago" of Neotropical cloud forests. 6<sup>th</sup> Biennial Meeting, International Biogeography Society, Miami, FL, U.S.A.
2013. Smith, B. T., J. E. McCormack, **A. M. Cuervo**, M. J. Hickerson, A. Aleixo, C. D. Cadena, J. Pérez-Emán, X. Xie, M. G. Harvey, B. Faircloth, T. Glenn, E. P. Derryberry, J. Prejean, S. Fields, C. W. Burney & R. T. Brumfield. Speciation by dispersal through a structured tropical landscape. Evolution 2013, Snowbird, UT, U.S.A. (Oral presentation by B. T. Smith).
2013. Perdigón-Ferreira, J., J. Miranda, **A. M. Cuervo**, C. C. Witt, & J. E. Pérez-Emán. Relaciones filogenéticas de *Agelaiocercus berlepschi* (Trochilidae), un colibrí endémico de la región nor-oriental de Venezuela. Congreso Venezolano de Ecología, Mérida, Venezuela (Presented by J. Perdigón-Ferreira). Award winning poster.
2012. **Cuervo, A. M.** & R. T. Brumfield. Evolutionary assembly of the Andean avifauna: A comparative phylogeographic study of diversification and elevational distribution. V North American Ornithological Conference, Vancouver, Canada.
2012. Smith, B. T., Prejean, J., R. T. Brumfield, J. E. McCormack, **A. M. Cuervo**, E. P. Derryberry, M. Hickerson, X. Xie, A. Aleixo, J. Pérez-Emán, C. D. Cadena, A. Flórez, C. W. Burney & S. Fields. Comparative phylogeography of lowland Neotropical birds with cross-Andes distributions. V North American Ornithological Conference, Vancouver, Canada (Oral presentation by B. T. Smith).
2012. Benham, P. M., **A. M. Cuervo**, J. A. McGuire, R. T. Brumfield & C. C. Witt. Topographic complexity in the Andes shapes diversification patterns in the hummingbird genus *Metallura*. V North American Ornithological Conference, Vancouver, Canada (Oral presentation by P. Benham).
2012. Lara, C. E., **A. M. Cuervo**, S. V. Valderrama, & C. D. Cadena. A new species of wren (Troglodytidae) from a dry inter-Andean valley of Colombia. . V North American Ornithological Conference, Vancouver, Canada (Poster presented by C. E. Lara).
2011. **Cuervo, A. M.** & R. T. Brumfield. A large-scale comparative study of genetic differentiation of the Neotropical montane avifauna. IX Neotropical Ornithological Congress, Cusco, Peru.
2011. Fields, S., **A. M. Cuervo**, J. E. McCormack, C. D. Cadena, A. Flórez, A. Aleixo, J. Pérez-Emán, B. T. Smith, C. W. Burney & R. T. Brumfield. The timing of cross-Andes divergence: A comparison of 22 lowland bird species. IX Neotropical Ornithological Congress, Cusco, Peru. (Oral presentation by S. Fields)
2011. Navas-Berdugo, A. P., J. L. Pérez-Emán, **A. M. Cuervo** & C. D. Cadena. Probando la influencia de aislamiento y evolución adaptativas en la diferenciación genética y fenotípica en un ave montana neotropical. IX Neotropical Ornithological Congress, Cusco, Peru. (Oral presentation by A. Navas-Berdugo).
2011. Gutiérrez-Pinto, N.\*#, **A. M. Cuervo**#, J. Miranda, J. L. Pérez-Emán, R. T. Brumfield & C. D. Cadena. Diferenciación poblacional a través de las montañas neotropicales: filogeografía de *Basileuterus tristriatus* (Parulidae). IX Neotropical Ornithological Congress, Cusco, Peru [Poster].

**CONTRIBUTED PRESENTATIONS AT SCIENTIFIC MEETINGS (CONTINUED)...**

2011. **Cuervo, A. M.** & R. T. Brumfield. Elevational zonation and multi-species divergence across barriers in Neotropical montane birds. American Ornithologists' Union Meeting, Jacksonville, FL, U.S.A.
2011. Chesser, R. T., S. Galen, M. L. Isler, C. D. Cadena & **A. M. Cuervo**. Extraordinary genetic and vocal variation in the *Grallaria rufula* complex. American Ornithologists' Union Meeting, Jacksonville, FL, U.S.A. (Oral presentation by R. T. Chesser).
2010. **Cuervo, A. M.** & R. T. Brumfield. Coalescent-based comparative study of population divergence and elevational zonation in cloud forest Andean birds. Evolution 2010 Meeting, Portland, OR.
2010. **Cuervo, A. M.** & R. T. Brumfield. The Andean avifauna as a mosaic of evolutionary histories: Testing genetic divergence models in a coalescent framework. III Colombian Zoological Congress and III Congress of Colombian Ornithology, Medellín, Colombia.
2010. **Cuervo, A. M.**, J. P. López, J. E. Avendaño & N. Gutiérrez-Pinto. On the genetic differentiation of the avifauna from Serranía de Perijá, Colombia. III Colombian Zoological Congress and III Congress of Colombian Ornithology, Medellín, Colombia. (Oral presentation by J. P. López).
2010. Gutiérrez-Pinto, N., **A. M. Cuervo** & C. D. Cadena. Patrones de diversificación en un ave del bosque montano neotropical (*Basileuterus tristriatus*, Aves: Parulidae). III Colombian Zoological Congress and III Congress of Colombian Ornithology, Medellín, Colombia. (Oral presentation by N. Gutiérrez-Pinto).
2010. Navas-Berdugo, A. P., J. L. Pérez-Emán, **A. M. Cuervo** & C. D. Cadena. Filogeografía y patrones de variación genética y morfológica en *Diglossa albilatera* (Aves: Thraupidae): probando la influencia de aislamiento y evolución adaptativa en la diferenciación poblacional. III Colombian Zoological Congress and III Congress of Colombian Ornithology, Medellín, Colombia. (Oral presentation by A. Navas-Berdugo).
2010. Valderrama, E., J. L. Pérez-Emán, R. T. Brumfield, **A. M. Cuervo**, & C. D. Cadena. Filogeografía de un ave neotropical de montaña *Premnoplex brunnescens* (Aves: Furnariidae): la influencia de la compleja topografía y la historia dinámica de los Andes en la diferenciación evolutiva. III Colombian Zoological Congress and III Congress of Colombian Ornithology, Medellín, Colombia. (Oral presentation by E. Valderrama).
2010. Estrada, M. C., Ocampo, D., David, S., Muñoz, J.M., Morales, P.A, Londoño, L., Valencia, G., Garizabal, J., & **A. M. Cuervo**. Cría Cooperativa y éxito reproductivo de *Hypopyrrhus pyrohypogaster*. III Colombian Zoological Congress and III Congress of Colombian Ornithology, Medellín, Colombia (Oral presentation by M. C. Estrada)
2009. Gutiérrez-Pinto, N., **A. M. Cuervo** & C. D. Cadena. Diversification patterns in an avian lineage of the neotropical montane forests (*Basileuterus tristriatus*: Parulidae). II Simposio Red Colombiana de Biología Evolutiva, Cali, Colombia. (Oral presentation by N. Gutiérrez-Pinto)
2008. Chaves, J. C., **A. M. Cuervo** & C. D. Cadena. Límites de especie en el complejo *Myrmeciza laemosticta* (Aves: Passeriformes: Thamnophilidae). I Simposio Red Colombiana de Biología Evolutiva, Bogotá, Colombia (Oral presentation by J. C. Chaves)
2007. **Cuervo, A. M.** & C. Restrepo. Efectos fenotípicos de la fragmentación sobre aves de montaña. II Congress of Colombian Ornithology, Asociación Colombiana de Ornitología, Bogotá, Colombia.
2007. Ocampo, D. David, S. Garizabal, J. Estrada, M. C., Londoño, L., Morales, P, Muñoz, J.M., Valencia, G. & **A. M. Cuervo**. Breeding biology of *Hypopyrrhus pyrohypogaster* (Icteridae) in a highly disturbed habitat of the Colombian Central Andes. VIII Neotropical Ornithological Congress, Maturín, Venezuela. [Poster]

**CONTRIBUTED PRESENTATIONS AT SCIENTIFIC MEETINGS (CONTINUED)...**

2006. Cadena, C. D., **A. M. Cuervo** & Z. A. Cheviron. How do leapfrog patterns of geographic variation arise?. 4th North American Ornithological Conference, American Ornithologist's Union. Veracruz, Mexico [Oral presentation by C. D. Cadena].
2006. Garizábal, J. A., Estrada, M. C., Ocampo, D., David S., Londoño, L., Sánchez, D., Muñoz, J., Morales, P., Valencia, G. & **A. M. Cuervo**. Biología reproductiva de *Hypopyrrhus pyrohypogaster* (Aves: Icteridae) en un ambiente altamente intervenido en el municipio de Caldas, Antioquia. XIV Colombian Ornithological Meeting, Villavicencio, Colombia [Award-winning poster].
2006. Garizábal, J. A., Estrada, M.C., Ocampo, D., David, S., Londoño, L., Munoz, J.M., Morales, P., Valencia, G., Sanchez, D. & **A. M. Cuervo**. Biología reproductiva del *Hypopyrrhus pyrohypogaster* (Aves: Icteridae) en un ambiente altamente intervenido en el municipio de Caldas Antioquia. II Congreso Colombiano de Zoología. Santa Marta, Colombia [Oral presentation by J. A. Garizábal].
2004. **Cuervo, A. M.** Perspectivas de conservación de *Lipaugus weberi* (Cotingidae): Una especie en peligro crítico de la Cordillera Central. I Congreso Colombiano de Ornitología. Asociación Colombiana de Ornitología, Santa Marta, Colombia.
2004. Restrepo, C., **A. M. Cuervo** & M. Anciães. Bird assemblages in Neotropical fragmented habitats: Multimodality in body size and complex allometries. XIX Annual Symposium of the International Association of Landscape Ecology. Las Vegas, NV, U.S.A. [Oral presentation by C. Restrepo].
2004. **Cuervo, A. M.** & C. Restrepo. Fragmentation, asymmetry, and body size distributions of Andean birds. Symposium on "Multimodality in ecological data: A theoretical puzzle and a statistical challenge". NSF-CREST-Center for Tropical Applied Ecology and Conservation, University of Puerto Rico, Río Piedras Campus, Puerto Rico.
2003. **Cuervo, A. M.**, C. D. Cadena & S. M. Lanyon. Phylogenetic relationships of the Red-bellied Grackle (*Hypopyrrhus pyrohypogaster*) based on mitochondrial DNA sequence data. VII Neotropical Ornithological Congress, Puyehue, Chile. [Poster]
2003. **Cuervo, A. M.** & C. Restrepo. Response of Andean birds to fragmentation: Asymmetry in tarsi and rectrices as indicador of stress. VII Neotropical Ornithological Congress, Puyehue, Chile.
2003. **Cuervo, A. M.** & C. Restrepo. Habitat fragmentation increases fluctuating asymmetry in Neotropical montane birds. XVII Annual Meeting of the Society for Conservation Biology. University of Minnesota, Duluth, MN, U.S.A.
2003. **Cuervo, A. M.** & C. Restrepo. Habitat fragmentation, fluctuating asymmetry, and Neotropical montane birds. I Graduate Research Symposium: The Biology in the New Millennium. University of Puerto Rico, Río Piedras, Puerto Rico.
2001. **Cuervo, A. M.**, P. Salaman, T. M. Donegan & J. M. Ochoa. *Lipaugus weberi*: Una nueva especie de Cotinga de la Cordillera Central en Colombia. XIV Colombian Ornithological Meeting, Universidad Nacional de Colombia, Leticia, Colombia [Poster].
2001. Salaman, P., **A. M. Cuervo** & T. M. Donegan. Primera evaluación ornitológica de la Serranía de San Lucas: Proyecto EBA. XIV Colombian Ornithological Meeting, Universidad Nacional de Colombia, Leticia, Colombia.
2000. **Cuervo, A. M.** Avifauna del norte de la Cordillera Central, Anorí, Antioquia. XIII Colombian Ornithological Meeting, Universidad del Atlántico-ORNIAT, Barranquilla, Colombia.
1999. **Cuervo, A. M.** Natural history, current status, and conservation of the Blue-billed Curassow (*Crax alberti*). VI Neotropical Ornithological Congress, Monterrey, Mexico.
1999. Salaman, P., **A. M. Cuervo** & T. M. Donegan. Surveys and conservation of Cracidae and Odontophoridae along two altitudinal transects of the Colombian Andes. VI Neotropical Ornithological Congress, Monterrey, Mexico.



**CONTRIBUTED PRESENTATIONS AT SCIENTIFIC MEETINGS (CONTINUED)...**

1999. **Cuervo A. M.** Evaluación de la diversidad de la comunidad de aves de la Cordillera Oriental en la Serranía de los Churumbelos y perspectivas de su conservación. XIII National Congress of Biological Science Undergraduates. Universidad de Antioquia, Medellín.
1998. **Cuervo A. M.** The Avifauna of Serranía de los Churumbelos, Cauca. XI Colombian Ornithological Meeting, Asociación Calidris, Buga, Colombia.

**STUDENTS SUPERVISED:**

- Amie Settlekowski, Tulane University, New Orleans. Diversification and biogeography of a group of Neotropical forest birds (co-advised with Dr. E. P. Derryberry). 2014-2015.
- Elizabeth Bramlett, Tulane University, New Orleans. "Solving the riddle of *Oxyruncus*: a phylogenetic approach" (co-advised with Dr. E. P. Derryberry). 2014-2015.
- Kalli Juel Trahan, Louisiana State University, Baton Rouge. Undergraduate thesis: "Latitudinal geographical variation in sexual dimorphism in a tropical montane bird (Furnariidae: *Pseudocolaptes boissonneautii*)". 2014. Recipient of the LSU Honors College Outstanding Thesis Award (co-advised with Dr. J. V. Remsen, Jr.).
- Natalia Gutiérrez Pinto, Universidad de los Andes, Colombia. Undergraduate thesis: "Geographic patterns of diversification in an avian species complex of the Neotropical mountains (*Basileuterus tristriatus*, Parulidae)". 2009, (co-advised with C. D. Cadena).
- Juan C. Chaves, Universidad de los Andes, Colombia. Undergraduate thesis: "Species limits in the *Myrmeciza laemosticta* complex (Thamnophilidae)". 2008, (co-advised with C. D. Cadena).

**TEACHING TRAINING AND EXPERIENCE:**

2012. Teaching Assistant, Principles of Genetics. BIOL 2153. Louisiana State University.
2011. Teaching Assistant, Introductory Biology for biology majors BIOL1208. Louisiana State University.
2007. Instructor. Workshop on curatorial techniques in avian collections. II Meeting of the Colombian Ornithological Society (ACO).
2006. Teaching Assistant, Introductory Biology for non-majors BIOL 1005. Louisiana State University.
2005. Professor, Ornithology. Instituto de Biología, Universidad de Antioquia, Colombia.
2003. Teaching Assistant, General Biology. University of Puerto Rico, Río Piedras.
2003. Workshop on teaching of natural sciences: "Training for teaching assistantship at the Natural Sciences Faculty". Alliance for Graduate Education and the Professoriate (AGEP), University of Puerto Rico.
2000. Laboratory assistant, Ornithology. Universidad de Antioquia, Colombia.
1999. Laboratory assistant, General Zoology. Universidad de Antioquia, Colombia.

**ACADEMIC SERVICES AND APPOINTMENTS:**

2014. Co-organizer. Simposium: Avances en la Ornitología Colombiana. IV Congreso Colombiano de Zoología, Cartagena, Colombia.
- 2003-2014. Reviewer for: Evolution, Proceedings of the Royal Society B, Molecular Ecology, BMC Evolutionary Biology, Journal of Biogeography, Journal of Animal Ecology, PLOS One, Conservation Genetics, Biotropica, Auk, Zootaxa, Ecosystems, Proceedings of the Biological Society of Washington, Ornitología Neotropical, Caldasia, Ornitología Colombiana, Cotinga, Bulletin of the British Ornithologists' Club, Boletín Sociedad Antioqueña de Ornitología, Huitzil, Universitas Scientiarum, and Actualidades Biológicas.
- 2008-2010. Vice-President. Colombian Ornithological Society (ACO).
- 2007-2008. Coordinator of the LSU Museum Seminar Series, Louisiana State University.

**ACADEMIC SERVICES AND APPOINTMENTS (CONTINUED)...**

- 2005-2009. External referee for undergraduate thesis: Universidad Industrial de Santander, Universidad de Pamplona, Universidad de Antioquia, and Universidad de los Andes, Colombia.
2005. Representative of Graduate Student body for the Graduate Program Committee, Department of Biology, University of Puerto Rico.
- 2003-2005. Research Assistant. NSF-CREST-Center for Tropical Applied Ecology and Conservation, University of Puerto Rico, Río Piedras Campus.
- 2003-2004. Coordinator of the "Eco-lunch" seminar series. Department of Biology, University of Puerto Rico.
2000. Editorial assistant: Revista Actualidades Biológicas. Instituto de Biología, Universidad de Antioquia.

**PROFESSIONAL SOCIETIES:**

International Biogeography Society  
Society for Systematic Biology  
American Ornithologists' Union.  
Asociación Colombiana de Ornitología (Founder member)

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