

Brant C. Faircloth

Professional preparation

- 2000 *Bachelor of Science, Wildlife Biology, University of Georgia*
2008 *Doctor of Philosophy, Forestry and Natural Resources, University of Georgia*
2008-present *Postdoctoral Scholar, Ecology & Evolutionary Biology, University of California, Los Angeles, CA*

Appointments

- 2011-present *Assistant Research Scientist, University of California, Los Angeles, CA*
2010-present *Scientist, Polistes Foundation, Belmont, MA*
2010-present *Visiting Scientist, Tall Timbers Research Station, Tallahassee, FL*
2008-2011 *Post-doctoral Scholar, University of California, Los Angeles, CA*
2000-2008 *Graduate Research Asst., University of Georgia, Athens, GA*

Research Areas - Related Publications

BC Faircloth, TC Glenn. *Submitted*. Large sets of edit-metric sequence identification tags to facilitate large-scale multiplexing of reads from massively parallel sequencing. *Bioinformatics*. hdl: [10101/npre.2011.5672.1](https://hdl.handle.net/10101/npre.2011.5672.1)

BC Faircloth. 2008. MSATCOMMANDER: detection of microsatellite repeat arrays and automated, locus-specific primer design. *Mol Ecol Resour* 8:92-94. doi: [10.1111/j.1471-8286.2007.01884.x](https://doi.org/10.1111/j.1471-8286.2007.01884.x)

BC Faircloth. 2006. GMCONVERT: file conversion for GeneMapper™ output files. *Mol Ecol Notes* 6:968-970. doi: [10.1111/j.1471-8286.2006.01419.x](https://doi.org/10.1111/j.1471-8286.2006.01419.x)

BC Faircloth, A Ramos, H Drummond, PA Gowaty. 2009. Isolation and characterization of microsatellite loci from blue-footed boobies (*Sula nebouxi*). *Conserv Genet Res* doi: [10.1007/s12686-009-9038-3](https://doi.org/10.1007/s12686-009-9038-3)

Research Areas - Other Publications

TM Terhune, DC Sisson, WE Palmer, **BC Faircloth**, HL Stribling, JP Carroll. 2010. Translocation to a fragmented landscape: survival, movement and site fidelity of Northern Bobwhites. *Ecol Appl* 20:1040-1052. doi: [10.1890/09-1106.1](https://doi.org/10.1890/09-1106.1)

JS Skvarla, **BC Faircloth**, BM Shamblin, MJ Conroy. 2009. Microsatellite loci from the black bear (*Ursus americanus*). *Mol Ecol Resour* 9:288-291. doi: [10.1111/j.1755-0998.2008.02234.x](https://doi.org/10.1111/j.1755-0998.2008.02234.x)

KO Evans, LW Burger Jr., **BC Faircloth**, WE Palmer, JP Carroll. 2009. Effects of tissue collection methods on morphometrics and survival of captive neonatal Northern Bobwhite. *J Wildl Manage* 73:1241-1244. doi: [10.2193/2008-011](https://doi.org/10.2193/2008-011)

BM Shamblin, **BC Faircloth**, MG Dodd, DA Bagley, LM Erhart, PH Dutton, A Frey, CJ Nairn. 2009. Tetranucleotide microsatellites from the loggerhead sea turtle (*Caretta caretta*) and their cross-amplification in other marine turtle species. *Conserv Genet* 10:577-580. doi: [10.1007/s10592-008-9573-6](https://doi.org/10.1007/s10592-008-9573-6)

BC Faircloth, TM Terhune, NA Schable, TC Glenn, WE Palmer, JP Carroll. 2008. Ten microsatellite loci from Northern Bobwhite (*Colinus virginianus*). *Conserv Genet* 10:535-538. doi: [10.1007/s10592-008-9559-4](https://doi.org/10.1007/s10592-008-9559-4)

Synergistic Activities

1. Member of Primer3 software development team (<http://primer3.sourceforge.com>)
2. Primary developer of software for high-throughput, automated primer design (<http://msatcommander.googlecode.com/>) and next-generation sequence tag tracking (<http://github.com/brantfaircloth/demuxipy>)
3. Primary developer of the Python Primer3 Wrapper (<http://github.com/brantfaircloth/p3wrapp>)
4. Co-creator of the Anolis Genome Microsatellite Primer Database (<http://github.com/baddna/anolis>)

Collaborators and Other Affiliations

DA Bagley (*University of Central Florida*); JR Belthoff (*Boise State University*); RT Brumfield (*Louisiana State University*); JP Carroll (*University of Georgia*); SB Castleberry (*University of Georgia*); SB Cederbaum (*University of Georgia*); MJ Conroy (*USGS Cooperative Research Unit, Georgia*); NG Crawford (*Boston University*); M Dodd (*Georgia Department of Natural Resources*); HM Drummond (*Universidad Nacional Autónoma de México*); PH Dutton (*NOAA-Fisheries, Southwest Fisheries Science Center*); SH Eo (*University of Georgia*); LM Erhart (*University of Central Florida/Hubbs-SeaWorld Research Institute*); A Frey (*NOAA-Fisheries, Southwest Fisheries Science Center*); TC Glenn (*University of Georgia*); PA Gowaty (*University of California-Los Angeles*); C Hagen (*University of Georgia*); SP Hubbell (*University of California-Los Angeles*); K Jones (*University of Georgia*); SA Josserand (*Southern Institute of Forest Genetics, USDA Forest Service*); S Lance (*Savannah River Ecology Lab, Aiken, SC*); JE McCormack (*Louisiana State University*); CJ Nairn (*University of Georgia*); CD Nelson (*Southern Institute of Forest Genetics, USDA Forest Service*); WE Palmer (*Tall Timbers Research Station*); A Ramos (*Universidad Nacional Autónoma de México*); A Reid (*Georgia State University*); BM Shamblin (*University of Georgia*); DC Sisson (*Tall Timbers Research Station, Tallahassee, FL*); NA Schable (*Dynamac Corporation*); HL Stribling (*Auburn University*); JS Skvarla (*University of Georgia*); HL Stribling (*Auburn University*); TM Terhune (*Tall Timbers Research Station, Tallahassee, FL*); JJ Thompson (*Instituto Nacional de Tecnología Agropecuaria, Argentina*); T Valentine (*no affiliation*); JP Wares (*University of Georgia*); RJ Warren (*University of Georgia*); A Wood-Jones (*Mississippi State University*)

Graduate Advisors/Postdoctoral Mentors

JP Carroll (*University of Georgia, graduate advisor*); WE Palmer (*Tall Timbers Research Station, graduate advisor*); PA Gowaty (*University of California - Los Angeles, postdoctoral mentor*); SP Hubbell (*University of California - Los Angeles, postdoctoral mentor*)