

NATHAN DICKMAN PIEPLOW

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(303) 245-8421

EDUCATION

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| <i>University of Oregon, Eugene, Oregon</i> | • Master's Degree in Education | 2004 |
| <i>Williams College, Williamstown, Massachusetts</i> | • Bachelor's Degree in Russian | 1998 |
| <i>Irkutsk State University, Irkutsk, Russia</i> | • School for Russian and Asian Studies full-year program | 1996-7 |

TEACHING EXPERIENCE

WRITING AND RHETORIC

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| <i>Program for Writing and Rhetoric, University of Colorado, Boulder, Colorado</i> | | 2003-present |
| • WRTG 1100: Extended First-year Writing and Rhetoric | | |
| • WRTG 1150: First-year Writing and Rhetoric | | |
| • WRTG 1250: Advanced First-year Writing and Rhetoric | | |
| • WRTG 3020: Topics in Writing: Comedy Writing | | |
| • WRTG 3030: Writing on Science and Society: Writing in Scientific Genres | | |
| • WRTG 3035: Technical Communication and Design | | |
| • WRTG 3040: Writing on Business and Society: Business Communication | | |
| • WRTG 3090: Topics in Writing: Storytelling in New Media | | |
| • Writing and Rhetoric instructor, Miramonte Arts & Sciences PEAC Program | | summer 2015 |
| • Library tutorial instructor, Research Lab consultant | | 2003-2004 |

WRITING CENTER

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| <i>University of Colorado, Boulder, Colorado</i> | | |
| • Graduate Writing consultant, working mostly with dissertations | | 2013-2014 |
| • Writing Center consultant | | 2003-2012 |
| • Disability Services Writing Lab consultant | | 2003-2006 |
| <i>Williams College, Williamstown, Massachusetts</i> | | |
| • Undergraduate Writing Center consultant | | 1995-1998 |

ONLINE EDUCATION

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| <i>Continuing Education, University of Colorado, Boulder, Colorado</i> | | 2011-present |
| • WRTG 1150: First-year Writing and Rhetoric | | |
| • WRTG 3020: Topics in Writing: Comedy Writing | | |

RESIDENTIAL AND EXPERIENTIAL EDUCATION

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|---|---|-------------------------|
| <i>Global Studies Residential Academic Program, University of Colorado, Boulder, Colorado</i> | | |
| • Interim director | summer 2015, spring-summer 2016, summer 2017 & 2018 | |
| • Associate director | | fall 2015 - present |
| • Faculty in residence | | fall 2014 - summer 2018 |
| <i>Japanese Exchange Program, Boulder Valley School District, Boulder, Colorado</i> | | |
| • Guided 8 high school students on a 6-week cultural exchange to Japan | | summer 2003 |
| • Helped organize and lead a 6-week cultural exchange for visiting students from Japan | | summer 2004 |
| <i>Cheley Colorado Camps, Estes Park, Colorado</i> | | |
| • Backcountry program director | | summers 2006-2008 |
| • Assistant unit director | | summer 1999 |
| • Hiking counselor | | summers 1996-1998 |

ENGLISH AS A SECOND LANGUAGE

Springfield Middle School, Springfield, Oregon

5 January - 16 March 2000

- Part-time individual ESL tutor

Cottage Grove High School, Cottage Grove, Oregon

- Student teacher, English as a Second Language (three-week teaching unit)

fall 1999

Whittier Middle School, Sioux Falls, South Dakota

- Paraprofessional, Limited English Proficiency program

fall 1998 -spring 1999

Williams College, Williamstown, Massachusetts

- Coordinator, Writing Center ESL tutoring program

fall 1997-spring 1998

Irkutsk, Russia

- Privately tutored a number of Russian students in English

fall 1996-spring 1997

SECOND LANGUAGE INSTRUCTION

Boulder High School, Boulder, Colorado

full time 2000-2003

- Spanish I
- Spanish II
- Russian I
- Russian II

Sheldon High School, Eugene, Oregon

27 March - 19 June 2000

- Spanish I (full-time student teacher, 83 minutes daily)
- 9th-grade Spanish Immersion Geography (full-time student teacher, 75 minutes every other day)

Springfield Middle School, Springfield, Oregon

5 January - 16 March 2000

- 7th-grade Spanish (five-week teaching unit)

Cottage Grove High School, Cottage Grove, Oregon

27 August - 8 December 1999

- Spanish I, Spanish III/IV (part-time assistant and instructor)

PROFESSIONAL DEVELOPMENT AND SERVICE

A&S RAP Professional Development Initiative, University of Colorado, Boulder, Colorado

spring 2017 - fall 2018

- Helped organize and conduct professional development seminars for RAP instructors
- Designing and launching website of first-year and residential pedagogical resources
- Formed part of the A&S RAP Faculty Learning Community, fall 2017 - spring 2018

Program for Writing and Rhetoric pedagogical resources website (pwrfaculty.net)

- Prototyped website using custom taxonomies in Wordpress
- Active site administrator

spring 2016

spring 2016 - present

Faculty Teaching in Excellence Program, University of Colorado, Boulder, Colorado

- Digital Teaching Workshop participant
- "Teaching in a Nutshell" workshop participant

spring 2015

fall 2008

TECHNICAL AND SCIENTIFIC WRITING

BOOKS

- *Peterson Field Guide to Bird Sounds (Eastern Region)*. Houghton Mifflin Harcourt, Boston.
- *Peterson Field Guide to Bird Sounds (Western Region)*. Houghton Mifflin Harcourt, Boston.

March 2017

April 2019

PEER-REVIEWED ARTICLES

- Pandolfino, E.R., & N. Pieplow (2015). Comparison of vocalizations of four U.S. subspecies of the White-breasted Nuthatch. *Western Birds* 46(4): 278-290.
- Pieplow, N. (2013). The flight song of Hammond's Flycatcher. *Colorado Birds* 47(3): 169-174.
- Moss, S., & N. Pieplow. (2012). The extent of hybridization between Black and Eastern Phoebe. *Colorado Birds* 46(1): 17-32.
- Pieplow, N., & C. Francis. (2011). Song differences among subspecies of Yellow-eyed Junco. *Wilson Journal of Ornithology* 123(3): 464-471.

- McCallum, A., & N. Pieplow. (2010). A reassessment of homologies in the repertoire organization of phoebes. *Western Birds* 41(1): 26-43.
- Pieplow, N., Leukering, T., & E. Coley. (2008). An apparent hybrid Black × Eastern Phoebe from Colorado. *Western Birds* 39(4): 209-219.

EDITORSHIPS

- Editor, *Colorado Birds* (quarterly journal of popular and peer-reviewed work in field ornithology) 2006-2013

TECHNICAL REVIEWS

- Research grant proposals for Colorado Field Ornithologists Project Fund *annually* 2014-2018
- Pandolfino, E., & R.W. Hedley (in press). “Lark Sparrow Song Structure in California.” *Western Birds*. 2018
- Pranty, B., et al. (in press). “Oregon Junco in Pasco County: First Florida record.” *Florida Field Naturalist* (43). 2015
- Floyd, T. (2008). *Smithsonian Field Guide to the Birds of North America*. HarperCollins, New York, New York. 2008
- Faulkner, D. W. (2008). *Birds of Wyoming*. Roberts & Company, Greenwood Village, Colorado. 2008

GRANTS

- Honorary mention, National Science Foundation Graduate Research Fellowship, Animal Behavior 2011

MANUALS, GUIDES, AND SIGNAGE

- Text for 2 interpretive signs, Silver Thread Scenic Byway 2014
- Print and web text for 4 Colorado Birding Trail guides, Colorado Parks & Wildlife. Co-author: A. Spencer. 2007-2016
- Staff manuals, hiking trail guides (175 pp. total): Cheley Colorado Camps, Estes Park, Colorado. 2007
- Colorado County Birding website (first edition), co-authored and co-edited with A. Spencer 2006

OTHER WRITING

BLOG

- Earbirding.com (authored approximately 150 posts to date, edited approximately 20 guest posts) 2009-present

BOOK CHAPTERS

- “Why I Love Spectrograms.” *In* White, L., & J. Gordon (2017). *Good Birders Still Don't Wear White*. Houghton Mifflin Harcourt, Boston.

BOOK REVIEWS

- Review, *Finding Birds on the Great Texas Coastal Birding Trail* *Birding* March/April 2009
- Review, *Birding Colorado* *Western Birds* 39:108-109 (2008)
- Review, *The Sound Approach to Birding* *Birding* September/October 2007

POPULAR ARTICLES

- “Start Using Spectrograms to ‘Read’ Bird Songs and Calls.” *Audubon.org* May 2017
- Photographs, sound recordings, and status of White-fronted Swift (with 3 other authors) *Neotropical Birding* 20 2017
- “Finding Mexico’s mystery owl—Cinereous Owl *Strix (varia?) sartorii*” (with A. Spencer) *Neotropical Birding* 17 2015
- “Identifying Curve-billed Thrasher Subspecies: Why and How” (with T. Leukering) *Colorado Birds* Fall 2014
- “‘Russet-backed’ Swainson’s Thrush” (with S. Mlodinow and T. Leukering) *Colorado Birds* Apr 2013
- “Pacific and Winter Wrens” (with T. Leukering) *Colorado Birds* Oct 2010
- “Eastern and Western Marsh Wrens” (with T. Leukering) *Colorado Birds* Jan 2010
- “Lilian’s Meadowlark: A Cryptic Species (?) and a Rare Colorado Breeder” (with T. Leukering) *Colorado Birds* Jul 2009
- “Describing Bird Sounds in Words” *Birding* July/August 2007
- “South Park and the Mysteries of Scoter Migration” (with A. Spencer) *Colorado Birds* Oct 2007
- “Colorado’s Crossbill Types: 2, 4, and 5” *Colorado Birds* Jul 2007

MULTIMEDIA

VIDEO

- Amateur wildlife videographer 2017-present
- Created various short instructional videos and screencasts for CU-Boulder writing courses and instructors 2011-present
- *Advanced Information Literacy I & II*: (videos for CU-Boulder students): with Kathryn Pieplow 2009
- *Give or Take 19* (video for CU-Boulder writing instructors): filming and production 2009

AUDIO

- Collected, edited, and mastered 5500+ audio recordings for the *Peterson Field Guide to Bird Sounds* 2012-present
- Made 7000+ field recordings of birds (currently being archived at the Macaulay Library, Cornell University) 2004-present

GRAPHIC DESIGN

- Original layout and design for the *Peterson Field Guide to Bird Sounds* 2012-present
- 400+ original vector graphics for the *Peterson Field Guide to Bird Sounds* 2012-present

WEB DESIGN

- Created custom Wordpress theme for CU-Boulder writing course websites by editing source code of "Fusion" theme 2013
- Designed 5 original rotating headers for Earbirding.com 2011

ANIMATIONS

- Pioneered the use of animated GIFs in bird sound analysis (see <http://earbirding.com/blog/archives/4231>)

PRESENTATIONS AND SPEAKING ENGAGEMENTS

CONFERENCE PAPERS

- Pieplow, N. On requiring gender parity in student bibliographies. Conference on College Composition and Communication (Regional Conference), University of Denver, Denver, Colorado 2018
- Pandolfino, E., and N. Pieplow. "An analysis of the vocalizations of the four U.S. subspecies of White-breasted Nuthatch." Western Field Ornithologists' Conference, Billings, Montana 2015
- Pieplow, N. "The Tone Qualities of Bird Sounds." Colorado Field Ornithologists' Conference, Grand Junction, Colorado 2011
- Pieplow, N. "Bird Sounds of Baja California." Western Field Ornithologists' Conference, San Mateo, California 2008

KEYNOTE ADDRESSES

- Arizona Field Ornithologists Fall Meeting, Ajo, Arizona October 2018
- Virginia Society of Ornithology Annual Meeting, Harrisonburg, Virginia May 2018
- Verde Valley Birding & Nature Festival, Cottonwood, Arizona April 2018
- Hagerman Bird Festival, Hagerman, Idaho April 2018
- Rio Grande Valley Birding Festival, Harlingen, Texas November 2017
- Biggest Week in American Birding, Maumee, Ohio May 2017
- Mississippi Ornithological Society fall meeting, Pascagoula, Mississippi October 2015
- South Dakota Ornithologists' Union spring meeting, Spearfish, South Dakota June 2015
- Ute Mountain / Mesa Verde Birding Festival, Cortez, Colorado May 2015

WORKSHOPS LED AND PANELS MODERATED

- Bird Sound Identification panel moderator, Western Field Ornithologists' Conference annually 2006-present
- *Introduction to Birding by Ear*, Denver Audubon Master Birders Program (*half-day workshop*) biennially 2008-present
- *Bird Sounds: Becoming an Expert Listener*, Western Field Ornithologists' Conference (*half-day workshop*) annually 2014-present
- *Sound Recording Techniques*, Western Field Ornithologists' Conference (*half-day workshop*) October 2010
- *Nocturnal Migration*, Institute for Field Ornithology (*3-day workshop, co-led with Ted Floyd*) August 2009
- *Bird Sound Identification*, Roaring Fork Valley Audubon Society (*3-day workshop*) May 2007

PRESENTATIONS

Note: only the first delivery of each talk is listed. As of 2017 I give 5-10 talks a year, mostly repeating titles.

- *End of the World: Capturing Siberia's Wildlife on Video*, Denver Field Ornithologists, Denver, Colorado 2018
- *Bird Sounds Decoded*, Linnaean Society of New York, New York 2017
- *The Mystery Owl of Mexico*, Denver Field Ornithologists, Denver, Colorado 2017
- *The Amazing Sounds of Birds*, Boulder Audubon Society, Boulder, Colorado 2016
- *Hearing Evolution*, Denver Field Ornithologists, Denver, Colorado 2016
- *Listen to Her Sing: The Songs of Female Birds*, Denver Field Ornithologists, Denver, Colorado 2015
- *Five Audio Identifications Every Colorado Birder Should Know*, Denver Field Ornithologists, Denver, Colorado 2014
- *Sound Boundaries*, Denver Field Ornithologists, Denver, Colorado 2012
- *Patterns in Birdsong*, Denver Field Ornithologists, Denver, Colorado 2011
- *If You Can Call It A Song*, Scottsbluff Audubon Society, Scottsbluff, Nebraska 2008
- *Sounds of Spring*, Evergreen Audubon Society, Evergreen, Colorado 2008
- *Identifying Birds by Ear*, Rocky Mountain Bird Observatory Annual Meeting, Brighton, Colorado 2007

PODCASTS, RADIO INTERVIEWS, AND BROADCAST PERFORMANCES

- Live author reading on stage with audience, *Thacker Mountain Radio Hour*, Mississippi Public Broadcasting 2017
- Live author interview, *Jack's Backyard*, WEEU, Reading, Pennsylvania 2017
- Taped author interview, *American Birding Association Podcast* 2017
- Taped author interview, *A Way to Garden* podcast 2017
- Taped author interview, *Inquiry*, WICN, Worcester, Massachusetts 2017

MISCELLANEOUS

CONFERENCE PLANNING

- Organized and ran paper session for Colorado Field Ornithologists' annual convention 2011, 2012, 2013

BIOLOGY FIELDWORK

- Field Technician, Rocky Mountain Bird Observatory (performing point-count bird surveys) *summers 2005, 2011*
- Audio recordist, Western Field Ornithologists / Sonoran Joint Venture Expedition to Sierra de Alamos, Mexico 2010
- Audio recordist, Western Field Ornithologists / Sonoran Joint Venture Expedition to Sierra la Laguna, Mexico 2008

VOLUNTEER WORK

- Board of Directors, Bird Conservancy of the Rockies 2018-present
- Board of Directors, Colorado Field Ornithologists 2006-2013
- Steering Committee, Colorado Birding Trail 2005-2009
- Chair, Boulder Valley School District Japanese Exchange Program 2002-2004
- Mentor to Bosnian immigrant family, Lutheran Social Services Volunteer Program, Sioux Falls, South Dakota *spring 1999*

LANGUAGE SKILLS

- Spanish *advanced proficiency*
- Russian *advanced proficiency*
- Dutch *intermediate proficiency*

SOFTWARE AND WEB SKILLS

- Microsoft Office (Word, Excel, PowerPoint) *advanced proficiency*
- Adobe Creative Suite (InDesign, Illustrator, Audition) *advanced proficiency*
- GIMP graphics editor *advanced proficiency*
- Wordpress (.org platform) *advanced proficiency*
- Raven Pro (audiospectrographic analysis software) *advanced proficiency*
- Adobe Premiere Pro *intermediate proficiency*
- HTML *basic proficiency*
- Tableau *basic proficiency*