

# Joel James Adamson

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## Education

- University of Colorado, Boulder, CO
- Bachelor of Arts 1998–2002
  - † Environmental, Population and Organismic Biology  
*Cum Laude*  
Thesis: Female Habitat Distribution in Lark Sparrows *Chondestes grammacus*
  - † Pure Mathematics

## Currently

Ph.D. student of Maria Servedio, Associate Professor, UNC Chapel Hill

## Research Interests

Sexual selection in age-structured populations, models of the mating process

## Publications

- [1] FARAONE, S. V., BIEDERMAN, J., DOYLE, A., MURRAY, K., PETTY, C., **JOEL J. ADAMSON**, AND SEIDMAN, L. Neuropsychological studies of late onset and subthreshold diagnoses of adult ADHD. *Biological Psychiatry* 60 (2006), 1081–1087.
- [2] FARAONE, S. V., BIEDERMAN, J., SPENCER, T., MICK, E., MURRAY, K., PETTY, C., **JOEL J. ADAMSON**, AND MONUTEAUX, M. C. Diagnosing adult ADHD: Are late onset and subthreshold diagnoses valid? *American Journal of Psychiatry* 163 (2006), 1720–1729.
- [3] FARAONE, S. V., BIEDERMAN, J., WILENS, T. E., AND **JOEL JAMES ADAMSON**. A naturalistic study of the effects of pharmacotherapy on substance use disorders among ADHD adults. *Psychological Medicine* 12 (2007), 1–10.
- [4] FARAONE, S. V., KUNWAR, A., **JOEL JAMES ADAMSON**, AND BIEDERMAN, J. Personality traits among ADHD adults: implications of late-onset and subthreshold diagnoses. *Psychological Medicine* (In Press).
- [5] FARAONE, S. V., **JOEL JAMES ADAMSON**, WILENS, T. E., MONUTEAUX, M. C., AND BIEDERMAN, J. Deriving phenotypes for molecular genetic studies of substance use disorders: A family approach. *Drug and Alcohol Dependence* 88 (2007), 244–250.

- [6] FARAONE, S. V., **JOEL JAMES ADAMSON**, WILENS, T. E., MONUTEAUX, M. C., AND BIEDERMAN, J. Familial transmission of derived phenotypes for molecular genetic studies of substance use disorders. *Drug and Alcohol Dependence* 92 (2008), 100–107.
- [7] WILENS, T., **JOEL JAMES ADAMSON**, MONUTEAUX, M. C., FARAONE, S. V., SCHILLINGER, M., WESTERBERG, D., AND BIEDERMAN, J. Impact of prior stimulant treatment for attention-deficit hyperactivity disorder in the subsequent risk for cigarette smoking, alcohol, and drug use disorders in adolescent girls. *Archives of Pediatrics and Adolescent Medicine* (In Press).
- [8] WILENS, T., **JOEL JAMES ADAMSON**, SGAMBATI, S. A., WHITLEY, J., SANTRY, A., AND BIEDERMAN, J. Do individuals with ADHD self-medicate with cigarettes and substances of abuse? results from a controlled family study ADHD. *American Journal of Addictions* 16 S1 (2007), 14–21.
- [9] WILENS, T. E., BIEDERMAN, J., **JOEL JAMES ADAMSON**, MONUTEAUX, M. C., HENIN, A., SGAMBATI, S. A., SANTRY, A., AND FARAONE, S. V. Association of bipolar and substance use disorders in parents of adolescents with bipolar disorder. *Biological Psychiatry* 62 (2007), 129–134.
- [10] WILENS, T. E., BIEDERMAN, J., **JOEL JAMES ADAMSON** AND AUDE HENIN, SGAMBATI, S. A., GIGNAC, M., SAWTELLE, R., SANTRY, A., AND MONUTEAUX, M. C. Further evidence of an association between adolescent bipolar disorder with smoking and substance use disorders: A controlled study. *Drug and Alcohol Dependence* 95, 3 (December 2008), 188–198.
- [11] WILENS, T. E., VITULANO, M. L., UPADHYAYA, H., **JOEL JAMES ADAMSON**, AND BIEDERMAN, J. Concordance between cigarette smoking and the modified fagerstrom tolerance questionnaire in controlled studies of ADHD. *American Journal of Addictions* (In Press).
- [12] WILENS, T. E., VITULANO, M. L., UPADHYAYA, H., **JOEL JAMES ADAMSON**, SAWTELLE, R., UTZINGER, L., AND BIEDERMAN, J. Cigarette smoking associated with attention deficit hyperactivity disorder. *Journal of Pediatrics* 153 (2008), 414–419.

## **Publications: Non-Refereed**

- [1] ADAMSON, J. J. Behavior notebook: Eastern kingbird. *Wild Bird News* (May/June 1998). Published by Wild Bird Centers of America, Inc. 7370 MacArthur Blvd., Glen Echo, MD 20812. Boulder Edition ISSN 1061-060X.
- [2] ADAMSON, J. J. Behavior notebook: Birds that go bump on the window. *Wild Bird News* (July/August 1999). Published by Wild Bird Centers of America, Inc. 7370 MacArthur Blvd., Glen Echo, MD 20812. Boulder Edition ISSN 1061-060X.
- [3] ADAMSON, J. J. Behavior notebook: Flocking and avoiding predators. *Wild Bird News* (January/February 2000). Published by Wild Bird Centers of America, Inc. 7370 MacArthur Blvd., Glen Echo, MD 20812. Boulder Edition ISSN 1061-060X.
- [4] ADAMSON, J. J. Behavior notebook: Watch without prejudice. *Wild Bird News* (May/June 2000). Published by Wild Bird Centers of America, Inc. 7370 MacArthur Blvd., Glen Echo, MD 20812. Boulder Edition ISSN 1061-060X.
- [5] ADAMSON, J. J. Hooray for linux! *PCLinuxOS Magazine* (November 2006). <http://www.mypclinuxos.com>.

## Leadership Experience

- Founding President of Buffalo Grass Bluegrass Music Club at the University of Colorado, Boulder; 2002

## Relevant Work Experience

- Biostatistician, Psychiatry Department and Pediatric Psychopharmacology Research Unit, Massachusetts General Hospital, Boston, MA; analyzed data on psychiatric disorders in children and adults; writing manuscripts for publication in medical and psychiatric journals; 2005–2008
- Field Crew Leader, Smithsonian Migratory Bird Center: led a crew of 2-7 personnel at Woodland Beach, DE on project investigating behavioral ecology of Coastal Plain Swamp Sparrows; coordinated daily data collection activities for Ph.D. student Brian Olsen of Virginia Tech 2005
- Statistical Consultant to Forrest Cason, CFO and Senior VP of University of Colorado Hospital; 2003
- Independent Undergraduate Researcher, University of Colorado : designed and conducted research on Lark Sparrows with Alexander Cruz and Carl Bock; 1999–2001
- Field Assistant, Cruz Ornithology Lab at University of Colorado, Boulder : assistant to John Walsh, Jameson Chace and Dr. Alexander Cruz; responsibilities included nest searching, nest monitoring, point counts and collecting vegetation data;1998

## Presentations

### Scientific

- Breeding and Parental Care in Songbirds: An Evolutionarily Stable Set Approach: August, 2000; Annual Meeting of the Animal Behavior Society, Morehouse College, Atlanta, GA
- Female Habitat Distribution in Lark Sparrows *Chondestes grammacus*: September, 2002; North American Ornithological Conference, New Orleans, LA
- Cigarette Smoking Severity Associated with Attention-Deficit/Hyperactivity Disorder in Young Adults: October, 2007; Symposium: When ADHD, Cigarette Smoking, and Substance Use Disorders (SUD) Collide. Fifty-Fourth Annual Meeting of the American Academy of Child and Adolescent Psychiatry.

### Invited

- Bird Identification Basics: November, 2004; presentation to the secondary education project of the Urban Ecology Institute at Boston College, Newton, MA

## Appearances

- *Get Rolling with Bluegrass Banjo* (instructional video) — performed as a student of Peter “Dr. Banjo” Wernick; Distributed by Homespun Tapes, Ltd. PO Box 340, Woodstock, NY 12498; <http://www.homespuntapes.com/>

## Memberships

- Animal Behavior Society
- Society for the Study of Evolution

## Teaching Experience

- Substitute Teacher: Brookline, Wellesley, MA 2004
- Mathematics Teacher: September School, Boulder, CO 2003
- SAT Preparation: Princeton Review, Boulder, CO 2003
- Self-employed Private Tutor of Mathematics and Science: middle-school through graduate school students 2002-2004
- Undergraduate Teaching Assistant: Animal Behavior, Professor Michael Breed, University of Colorado, Boulder, CO

## Grants and Awards

- 1999: Undergraduate Research Opportunities Program (UROP), University of Colorado, Boulder, CO: Female restriction of male mating success in Lark Sparrows *Chondestes grammacus* (sole investigator) – \$1900
- 2000: UROP, Female restriction of male mating success in Lark Sparrows *Chondestes grammacus* (sole investigator) – \$1600
- Membership Award to Association of Field Ornithologists
- 2001: UROP, Habitat Distribution in Female Lark Sparrows *Chondestes grammacus* (sole investigator) – \$2000