

# Stanford


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## Marcus Feldman

Burnet C. and Mildred Finley Wohlford Professor in the School of Humanities and Sciences

Biology

 Curriculum Vitae available Online

### Bio

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#### ACADEMIC APPOINTMENTS

- Professor, Biology
- Member, Bio-X
- Member, Stanford Cancer Institute
- Affiliate, Stanford Woods Institute for the Environment
- Member, Wu Tsai Neurosciences Institute

#### ADMINISTRATIVE APPOINTMENTS

- Director, Morrison Institute for Population Biology and Resource Studies, (1986- present)
- Co-Director, Center for Computational, Evolutionary and Human Genetics, (2012- present)

#### PROGRAM AFFILIATIONS

- Center for East Asian Studies

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Human genetic and cultural evolution, mathematical biology, demography of China

#### PROJECTS

- China Population Collaboration - Stanford university and Xi'an Jiaotong University (June 10, 1991 - present)
- Behavioral Ecology and Evolution - Stanford University and Tel Aviv University (May 6, 2004 - present)
- Replacement of Neanderthals by Modern Humans - Stanford University and Meiji University (6/5/1986 - present)

### Teaching

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#### COURSES

##### 2019-20

- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 302 (Aut)
- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 304 (Spr)
- Planet Earth Crossroads: Human Evolution, Animal Migration and Climate Change in Israel: OSPGEN 51 (Sum)
- Seminar in Population Genetics: BIO 383 (Aut, Win, Spr)

- Theoretical Population Genetics: BIO 183, BIO 283 (Win)

#### 2018-19

- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 302 (Aut)
- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 303 (Win)
- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 304 (Spr)
- Modeling Cultural Evolution: BIO 182, BIO 282 (Win)
- Planet Earth Crossroads: Human Evolution, Animal Migration and Climate Change in Israel: OSPGEN 51 (Sum)
- Seminar in Population Genetics: BIO 383 (Aut, Win, Spr)

#### 2017-18

- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 302 (Aut)
- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 303 (Win)
- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 304 (Spr)
- Seminar in Population Genetics: BIO 383 (Aut, Win, Spr)
- Theoretical Population Genetics: BIO 183, BIO 283 (Win)

#### 2016-17

- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 302 (Aut)
- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 303 (Win)
- Current Topics and Concepts in Population Biology, Ecology, and Evolution: BIO 304 (Spr)
- Modeling Cultural Evolution: BIO 182, BIO 282 (Win)
- Seminar in Population Genetics: BIO 383 (Win, Spr)

## STANFORD ADVISEES

### Doctoral Dissertation Reader (AC)

Mauricio Aguilar Rangel, Nicole Nova

### Doctoral Dissertation Advisor (AC)

Kayla Denton, Hao Shen

### Doctoral (Program)

Hao Shen

## GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biology (School of Humanities and Sciences) (Phd Program)

## Publications

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### PUBLICATIONS

- **Advancing front of old-age human survival.** *Proceedings of the National Academy of Sciences of the United States of America*  
Zuo, W., Jiang, S., Guo, Z., Feldman, M. W., Tuljapurkar, S.  
2018; 115 (44): 11209–14
- **The evolution of cooperation in signed networks under the impact of structural balance** *PLOS ONE*  
He, X., Du, H., Cai, M., Feldman, M. W.  
2018; 13 (10): e0205084

- **Modeling the implementation of population-level isoniazid preventive therapy for tuberculosis control in a high HIV-prevalence setting.** *AIDS (London, England)*  
Rhines, A. S., Feldman, M. W., Bendavid, E.  
2018
- **Assessing Livelihood Reconstruction in Resettlement Program for Disaster Prevention at Baihe County of China: Extension of the Impoverishment Risks and Reconstruction (IRR) Model** *SUSTAINABILITY*  
Xiao, Q., Liu, H., Feldman, M.  
2018; 10 (8)
- **Cultural hitchhiking and competition between patrilineal kin groups explain the post-Neolithic Y-chromosome bottleneck** *NATURE COMMUNICATIONS*  
Zeng, T., Aw, A. J., Feldman, M. W.  
2018; 9: 2077
- **Gene-culture coevolution under selection** *THEORETICAL POPULATION BIOLOGY*  
Behar, H., Feldman, M. W.  
2018; 121: 33–44
- **Integrative studies of cultural evolution: crossing disciplinary boundaries to produce new insights** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Kolodny, O., Feldman, M. W., Creanza, N.  
2018; 373 (1743)
- **Missing compared to what? Revisiting heritability, genes and culture** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Feldman, M. W., Ramachandran, S.  
2018; 373 (1743)
- **Bridging cultural gaps: interdisciplinary studies in human cultural evolution** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Kolodny, O., Feldman, M. W., Creanza, N.  
2018; 373 (1743)
- **A comparison of worldwide phonemic and genetic variation in populations in Asia**  
Surowiec, A., Ramachandran, S., Feldman, M. W., Creanza, N.  
WILEY.2018: 268
- **The impact on rural livelihoods and ecosystem services of a major relocation and settlement program: A case in Shaanxi, China** *AMBIO*  
Li, C., Li, S., Feldman, M. W., Li, J., Zheng, H., Daily, G. C.  
2018; 47 (2): 245–59
- **Adopted daughters and adopted daughters-in-law in Taiwan: a mortality analysis** *ROYAL SOCIETY OPEN SCIENCE*  
Mattison, S. M., Seabright, E., Reynolds, A. Z., Cao, J., Brown, M. J., Feldman, M. W.  
2018; 5 (3): 171745
- **Clonal interference can cause wavelet-like oscillations of multilocus linkage disequilibrium** *JOURNAL OF THE ROYAL SOCIETY INTERFACE*  
Garcia, V., Glassberg, E. C., Harpak, A., Feldman, M. W.  
2018; 15 (140)
- **Generation of variation and a modified mean fitness principle: Necessity is the mother of genetic invention.** *Theoretical population biology*  
Ram, Y., Altenberg, L., Liberman, U., Feldman, M. W.  
2018
- **Evolution of vertical and oblique transmission under fluctuating selection** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Ram, Y., Liberman, U., Feldman, M. W.  
2018; 115 (6): E1174–E1183
- **Ecocultural range-expansion scenarios for the replacement or assimilation of Neanderthals by modern humans** *THEORETICAL POPULATION BIOLOGY*  
Wakano, J., Gilpin, W., Kadowaki, S., Feldman, M. W., Aoki, K.

2018; 119: 3–14

- **Female fertility history and mid-late-life health: Findings from China** *JOURNAL OF WOMEN & AGING*  
Li, X., Jiang, Q., Li, S., Feldman, M. W.  
2018; 30 (1): 62–74
- **A parsimonious neutral model suggests Neanderthal replacement was determined by migration and random species drift** *NATURE COMMUNICATIONS*  
Kolodny, O., Feldman, M. W.  
2017; 8: 1040
- **A reversed gender pattern? A meta-analysis of gender differences in the prevalence of non-suicidal self-injurious behaviour among Chinese adolescents** *BMC PUBLIC HEALTH*  
Yang, X., Feldman, M. W.  
2017; 18: 66
- **A Complex, Polygenic Architecture for Lightened Skin Pigmentation in the Southern African KhoeSan**  
Martin, A. R., Gignoux, C. R., Lin, M., Granka, J. M., Adams, A., Liu, X., Atkinson, E. G., Guenther, C. A., Beleza, S., Werely, C. J., Myrick, J., Moller, M., Kingsley, et al  
WILEY.2017: 277
- **Unified reduction principle for the evolution of mutation, migration, and recombination.** *Proceedings of the National Academy of Sciences of the United States of America*  
Altenberg, L., Liberman, U., Feldman, M. W.  
2017
- **The Driving Forces of Cultural Complexity : Neanderthals, Modern Humans, and the Question of Population Size.** *Human nature (Hawthorne, N.Y.)*  
Fogarty, L., Wakano, J. Y., Feldman, M. W., Aoki, K.  
2017; 28 (1): 39-52
- **Optimizing transformations of structural balance in signed networks with potential relationships** *PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS*  
Du, H., He, X., Wang, S., Gong, M., Feldman, M. W.  
2017; 465: 414-424
- **An Unexpectedly Complex Architecture for Skin Pigmentation in Africans.** *Cell*  
Martin, A. R., Lin, M., Granka, J. M., Myrick, J. W., Liu, X., Sockell, A., Atkinson, E. G., Werely, C. J., Möller, M., Sandhu, M. S., Kingsley, D. M., Hoal, E. G., Liu, et al  
2017; 171 (6): 1340–53.e14
- **Optimization of the Critical Diameter and Average Path Length of Social Networks** *COMPLEXITY*  
Du, H., He, X., Du, W., Feldman, M. W.  
2017
- **On the Relationship Between the Marriage Squeeze and the Quality of Life of Rural Men in China.** *American journal of men's health*  
Yang, X., Li, S., Attané, I., Feldman, M. W.  
2016
- **Evolution of reduced mutation under frequency-dependent selection** *THEORETICAL POPULATION BIOLOGY*  
Liberman, U., Behar, H., Feldman, M. W.  
2016; 112: 52-59
- **Game-Changing Innovations: How Culture Can Change the Parameters of Its Own Evolution and Induce Abrupt Cultural Shifts** *PLOS COMPUTATIONAL BIOLOGY*  
Kolodny, O., Creanza, N., Feldman, M. W.  
2016; 12 (12)
- **Worldwide genetic and cultural change in human evolution** *CURRENT OPINION IN GENETICS & DEVELOPMENT*  
Creanza, N., Feldman, M. W.  
2016; 41: 85-92
- **Structural Balance in Fully Signed Networks** *COMPLEXITY*

- Du, H., He, X., Feldman, M. W.  
2016; 21 (S1): 497-511
- **Reply to Yang et al.: GCTA produces unreliable heritability estimates.** *Proceedings of the National Academy of Sciences of the United States of America*  
Krishna Kumar, S., Feldman, M. W., Rehkopf, D. H., Tuljapurkar, S.  
2016; 113 (32): E4581-?
  - **The Italian genome reflects the history of Europe and the Mediterranean basin** *EUROPEAN JOURNAL OF HUMAN GENETICS*  
Fiorito, G., Di Gaetano, C., Guarrera, S., Rosa, F., Feldman, M. W., Piazza, A., Matullo, G.  
2016; 24 (7): 1056-1062
  - **China's Marriage Squeeze: A Decomposition into Age and Sex Structure** *SOCIAL INDICATORS RESEARCH*  
Jiang, Q., Li, X., Li, S., Feldman, M. W.  
2016; 127 (2): 793-807
  - **The Climate Change Challenge and Barriers to the Exercise of Foresight Intelligence** *BIOSCIENCE*  
Ross, L., Arrow, K., Cialdini, R., Diamond-Smith, N., Diamond, J., Dunne, J., Feldman, M., Horn, R., Kennedy, D., Murphy, C., Pirages, D., Smith, K., York, et al  
2016; 66 (5): 363-370
  - **Cultural niche construction of repertoire size and learning strategies in songbirds** *EVOLUTIONARY ECOLOGY*  
Creanza, N., Fogarty, L., Feldman, M. W.  
2016; 30 (2): 285-305
  - **An introduction to niche construction theory** *EVOLUTIONARY ECOLOGY*  
Laland, K., Matthews, B., Feldman, M. W.  
2016; 30 (2): 191-202
  - **An ecocultural model predicts Neanderthal extinction through competition with modern humans** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Gilpin, W., Feldman, M. W., Aoki, K.  
2016; 113 (8): 2134-2139
  - **Investigating the Consequences of Interference between Multiple CD8(+) T Cell Escape Mutations in Early HIV Infection** *PLOS COMPUTATIONAL BIOLOGY*  
Garcia, V., Feldman, M. W., Regoes, R. R.  
2016; 12 (2)
  - **Limitations of GCTA as a solution to the missing heritability problem** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Kumar, S. K., Feldman, M. W., Rehkopf, D. H., Tuljapurkar, S.  
2016; 113 (1): E61-E70
  - **Evolution of reduced mutation under frequency-dependent selection** *Theoretical Population Biology*  
Lieberman, U., Behar, H., Feldman, M.  
2016; 112: 9
  - **Evolution in leaps: The punctuated accumulation and loss of cultural innovations** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Kolodny, O., Creanza, N., Feldman, M. W.  
2015; 112 (49): E6762-E6769
  - **Cultural Evolutionary Perspectives on Creativity and Human Innovation** *TRENDS IN ECOLOGY & EVOLUTION*  
Fogarty, L., Creanza, N., Feldman, M. W.  
2015; 30 (12): 736-754
  - **Impacts of conservation and human development policy across stakeholders and scales** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Li, C., Zheng, H., Li, S., Chen, X., Li, J., Zeng, W., Liang, Y., Polasky, S., Feldman, M. W., Ruckelshaus, M., Ouyang, Z., Daily, G. C.  
2015; 112 (24): 7396-7401

- **Natural capital and ecosystem services informing decisions: From promise to practice** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Guerry, A. D., Polasky, S., Lubchenco, J., Chaplin-Kramer, R., Daily, G. C., Griffin, R., Ruckelshaus, M., Bateman, I. J., Duraiappah, A., Elmqvist, T., Feldman, M. W., Folke, C., Hoekstra, et al  
2015; 112 (24): 7348-7355
- **Commercial sex behaviours among involuntary male bachelors: findings from a survey of migrants in Xi'an, China** *JOURNAL OF PUBLIC HEALTH*  
Yang, X., Li, S., Attane, I., Feldman, M. W.  
2015; 37 (2): 305-312
- **Bequest motives of older people in rural China: from the perspective of intergenerational support** *EUROPEAN JOURNAL OF AGEING*  
Jiang, Q., Li, X., Feldman, M. W.  
2015; 12 (2): 141-151
- **Adoption Does Not Increase the Risk of Mortality among Taiwanese Girls in a Longitudinal Analysis** *PLOS ONE*  
Mattison, S. M., Brown, M. J., Floyd, B., Feldman, M. W.  
2015; 10 (4)
- **Phenotype Accessibility and Noise in Random Threshold Gene Regulatory Networks** *PLOS ONE*  
Pinho, R., Garcia, V., Feldman, M. W.  
2015; 10 (4)
- **Family Structure and Quality of Life of Elders in Rural China: The Role of the New Rural Social Pension** *JOURNAL OF AGING & SOCIAL POLICY*  
Liu, H., Han, X., Xiao, Q., Li, S., Feldman, M. W.  
2015; 27 (2): 123-138
- **A comparison of worldwide phonemic and genetic variation in human populations.** *Proceedings of the National Academy of Sciences of the United States of America*  
Creanza, N., Ruhlen, M., Pemberton, T. J., Rosenberg, N. A., Feldman, M. W., Ramachandran, S.  
2015; 112 (5): 1265-1272
- **The role of climate and out-of-Africa migration in the frequencies of risk alleles for 21 human diseases.** *BMC genetics*  
Blair, L. M., Feldman, M. W.  
2015; 16 (1): 81-?
- **Marriage Squeeze and Intergenerational Support in Contemporary Rural China: Evidence from X County of Anhui Province** *INTERNATIONAL JOURNAL OF AGING & HUMAN DEVELOPMENT*  
Jin, X., Guo, Q., Feldman, M. W.  
2015; 80 (2): 115-139
- **Evolution in changing environments: Modifiers of mutation, recombination, and migration** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Carja, O., Liberman, U., Feldman, M. W.  
2014; 111 (50): 17935-17940
- **Echoes of the Past: Hereditarianism and A Troublesome Inheritance** *PLOS GENETICS*  
Feldman, M.  
2014; 10 (12)
- **The role of migration in the evolution of phenotypic switching** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Carja, O., Furrow, R. E., Feldman, M. W.  
2014; 281 (1794)
- **Stability depends on positive autoregulation in Boolean gene regulatory networks.** *PLoS computational biology*  
Pinho, R., Garcia, V., Irimia, M., Feldman, M. W.  
2014; 10 (11)
- **Social Support and Psychological Well-Being Under Social Change in Urban and Rural China** *SOCIAL INDICATORS RESEARCH*  
Liu, H., Li, S., Xiao, Q., Feldman, M. W.  
2014; 119 (2): 979-996

- **Stability Depends on Positive Autoregulation in Boolean Gene Regulatory Networks** *PLOS COMPUTATIONAL BIOLOGY*  
Pinho, R., Garcia, V., Irimia, M., Feldman, M. W.  
2014; 10 (11)
- **Complexity in models of cultural niche construction with selection and homophily.** *Proceedings of the National Academy of Sciences of the United States of America*  
Creanza, N., Feldman, M. W.  
2014; 111: 10830-10837
- **Back to Little Havana: Controlling Gentrification in the Heart of Cuban Miami** *INTERNATIONAL JOURNAL OF URBAN AND REGIONAL RESEARCH*  
Feldman, M., Jolivet, V.  
2014; 38 (4): 1266-1285
- **ASSORTATIVE SOCIAL LEARNING AND ITS IMPLICATIONS FOR HUMAN (AND ANIMAL?) SOCIETIES** *EVOLUTION*  
Katsnelson, E., Lotem, A., Feldman, M. W.  
2014; 68 (7): 1894-1906
- **Evolution of division of labor: Emergence of different activities among group members** *JOURNAL OF THEORETICAL BIOLOGY*  
Nakahashi, W., Feldman, M. W.  
2014; 348: 65-79
- **An arms race between producers and scroungers can drive the evolution of social cognition** *BEHAVIORAL ECOLOGY*  
Arbilly, M., Weissman, D. B., Feldman, M. W., Grodzinski, U.  
2014; 25 (3): 487-495
- **Marriage Squeeze, Never-Married Proportion, and Mean Age at First Marriage in China** *POPULATION RESEARCH AND POLICY REVIEW*  
Jiang, Q., Feldman, M. W., Li, S.  
2014; 33 (2): 189-204
- **Male Marriage Squeeze and Inter-provincial Marriage in Central China: evidence from Anhui** *JOURNAL OF CONTEMPORARY CHINA*  
Liu, L., Jin, X., Brown, M. J., Feldman, M. W.  
2014; 23 (86): 351-371
- **Genetic variation and the evolution of epigenetic regulation.** *Evolution; international journal of organic evolution*  
Furrow, R. E., Feldman, M. W.  
2014; 68 (3): 673-683
- **A new network structure entropy based on maximum flow** *ACTA PHYSICA SINICA*  
Cai Meng, M., Du Hai-Feng, H. F., Feldman, M. W.  
2014; 63 (6)
- **Adaptive foraging behaviour of individual pollinators and the coexistence of co-flowering plants** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Song, Z., Feldman, M. W.  
2014; 281 (1776)
- **Evolution of learning strategies in temporally and spatially variable environments: A review of theory** *THEORETICAL POPULATION BIOLOGY*  
Aoki, K., Feldman, M. W.  
2014; 91: 3-19
- **Phylogenetic resolution power of microsatellites and various single-nucleotide polymorphism types assessed in 10 divergent chicken populations** *ANIMAL GENETICS*  
Granevitze, Z., David, L., Twito, T., Weigend, S., Feldman, M., Hillel, J.  
2014; 45 (1): 87-95
- **Exome capture from saliva produces high quality genomic and metagenomic data.** *BMC genomics*  
Kidd, J. M., Sharpton, T. J., Bobo, D., Norman, P. J., Martin, A. R., Carpenter, M. L., Sikora, M., Gignoux, C. R., Nemat-Gorgani, N., Adams, A., Guadalupe, M., Guo, X., Feng, et al  
2014; 15 (1): 262-?

- **Phenotype accessibility and noise in random threshold gene regulatory networks.** *PloS one*  
Pinho, R., Garcia, V., Feldman, M. W.  
2014; 10 (4)
- **INVOLUNTARY BACHELORHOOD IN RURAL CHINA: A SOCIAL NETWORK PERSPECTIVE** *POPULATION*  
Liu, L., Jin, X., Brown, M. J., Feldman, M. W.  
2014; 69 (1): 109-133
- **On the stability of the Bayenv method in assessing human SNP-environment associations.** *Human genomics*  
Blair, L. M., Granka, J. M., Feldman, M. W.  
2014; 8 (1): 1-?
- **Genetics and the History of the Samaritans: Y-Chromosomal Microsatellites and Genetic Affinity between Samaritans and Cohanim** *HUMAN BIOLOGY*  
Oefner, P. J., Hoelzl, G., Shen, P., Shpirer, I., Gefel, D., Lavi, T., Woolf, E., Cohen, J., Cinnioglu, C., Underhill, P. A., Rosenberg, N. A., Hochrein, J., Granka, et al  
2013; 85 (6): 825-857
- **Gender in Marriage and Life Satisfaction Under Gender Imbalance in China: The Role of Intergenerational Support and SES** *SOCIAL INDICATORS RESEARCH*  
Liu, H., Li, S., Feldman, M. W.  
2013; 114 (3): 915-933
- **The role of beginner's luck in learning to prefer risky patches by socially foraging house sparrows** *BEHAVIORAL ECOLOGY*  
Ilan, T., Katsnelson, E., Motro, U., Feldman, M. W., Lotem, A.  
2013; 24 (6): 1398-1406
- **"Bare Branches" and the Marriage Market in Rural China Preliminary Evidence from a Village-Level Survey** *CHINESE SOCIOLOGICAL REVIEW*  
Jin, X., Liu, L., Li, Y., Feldman, M. W., Li, S.  
2013; 46 (1): 83-104
- **The role of cultural transmission in human demographic change: An age-structured model.** *Theoretical population biology*  
Fogarty, L., Creanza, N., Feldman, M. W.  
2013; 88: 68-77
- **Plant-animal mutualism in biological markets: Evolutionary and ecological dynamics driven by non-heritable phenotypic variance** *THEORETICAL POPULATION BIOLOGY*  
Song, Z., Feldman, M. W.  
2013; 88: 20-30
- **The Role of Selection in Shaping Diversity of Natural *M. tuberculosis* Populations** *PLOS PATHOGENS*  
Pepperell, C. S., Casto, A. M., Kitchen, A., Granka, J. M., Cornejo, O. E., Holmes, E. C., Birren, B., Galagan, J., Feldman, M. W.  
2013; 9 (8)
- **The Role of Social Networks in the Integration of Chinese Rural-Urban Migrants: A Migrant-Resident Tie Perspective** *URBAN STUDIES*  
Yue, Z., Li, S., Jin, X., Feldman, M. W.  
2013; 50 (9): 1704-1723
- **Evolution with stochastic fitnesses: A role for recombination.** *Theoretical population biology*  
Carja, O., Liberman, U., Feldman, M. W.  
2013; 86: 29-42
- **Long-term evolution is surprisingly predictable in lattice proteins** *JOURNAL OF THE ROYAL SOCIETY INTERFACE*  
Palmer, M. E., Moudgil, A., Feldman, M. W.  
2013; 10 (82)
- **The coevolution of long-term pair bonds and cooperation.** *Journal of evolutionary biology*  
Song, Z., Feldman, M. W.  
2013; 26 (5): 963-970
- **Development and Validation of a Gender Ideology Scale for Family Planning Services in Rural China** *PLOS ONE*  
Yang, X., Li, S., Feldman, M. W.



2013; 8 (4)

- **NICHE CONSTRUCTION THEORY: A PRACTICAL GUIDE FOR ECOLOGISTS** *QUARTERLY REVIEW OF BIOLOGY*  
Odling-Smee, J., Erwin, D. H., Palkovacs, E. P., Feldman, M. W., Laland, K. N.  
2013; 88 (1): 3-28
- **Niche construction theory: a practical guide for ecologists.** *Quarterly review of biology*  
Odling-Smee, J., Erwin, D. H., Palkovacs, E. P., Feldman, M. W., Laland, K. N.  
2013; 88 (1): 4-28
- **Asset endowments, non-farm participation and local separability in remote rural China** *CHINA AGRICULTURAL ECONOMIC REVIEW*  
Liang, Y., Feldman, M. W., Li, S., Daily, G. C.  
2013; 5 (1): 66-88
- **The Life Cycle of Bare Branch Families in China: A Simulation Study** *CANADIAN STUDIES IN POPULATION*  
Jiang, Q., Guo, Z., Li, S., Feldman, M. W.  
2013; 40 (3-4): 134-148
- **Gene-culture co-evolution: teaching, learning, and correlations between relatives** *ISRAEL JOURNAL OF ECOLOGY & EVOLUTION*  
Feldman, M. W., Christiansen, F. B., Otto, S. P.  
2013; 59 (2): 72-91
- **China's Population Policy at the Crossroads: Social Impacts and Prospects** *ASIAN JOURNAL OF SOCIAL SCIENCE*  
Jiang, Q., Li, S., Feldman, M. W.  
2013; 41 (2): 193-218
- **A Tale of Two Haplotypes: The ED2R/AR Intergenic Region Is the Most Divergent Genomic Segment between Africans and East Asians in the Human Genome** *HUMAN BIOLOGY*  
Casto, A. M., Henn, B. M., Kidd, J. M., Bustamante, C. D., Feldman, M. W.  
2012; 84 (6): 641-694
- **Estimates of missing women in twentieth-century China** *CONTINUITY AND CHANGE*  
Jiang, Q., Li, S., Feldman, M. W., Javier Sanchez-Barricarte, J.  
2012; 27: 461-479
- **Limited Evidence for Classic Selective Sweeps in African Populations** *GENETICS*  
Granka, J. M., Henn, B. M., Gignoux, C. R., Kidd, J. M., Bustamante, C. D., Feldman, M. W.  
2012; 192 (3): 1049-?
- **Learning to Choose Among Social Foraging Strategies in Adult House Sparrows (*Passer domesticus*)** *ETHOLOGY*  
Belmaker, A., Motro, U., Feldman, M. W., Lotem, A.  
2012; 118 (11): 1111-1121
- **The great human expansion** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Henn, B. M., Cavalli-Sforza, L. L., Feldman, M. W.  
2012; 109 (44): 17758-17764
- **China's Missing Girls in the Three Decades from 1980 to 2010** *ASIAN WOMEN*  
Jiang, Q., Li, S., Feldman, M. W.  
2012; 28 (3): 53-73
- **Models of Cultural Niche Construction with Selection and Assortative Mating** *PLOS ONE*  
Creanza, N., Fogarty, L., Feldman, M. W.  
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