Stanford



Marcus Feldman

Burnet C. and Mildred Finley Wohlford Professor

Biology

Curriculum Vitae available Online

Bio

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

CURRENT RESEARCH AND SCHOLARLY INTERESTS

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

PROJECTS

- China Population Collaboration - Stanford univrsity 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 Neaderthals by Modern Humans - Stanford University and Meiji University (6/5/1986 - present)

Teaching

COURSES

2026-27

- Biology PhD Lab Rotation: BIO 299 (Aut, Win, Spr)
- 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)

2025-26

- 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 (Spr)
- Seminar in Population Genetics: BIO 383 (Aut, Win, Spr)
- The Evolution of Evolvability: BIOS 218 (Aut)

2024-25

- 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)

2023-24

- 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 (Aut, Win, Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Peter Gerlach, Egor Lappo, Chloe Shiff

Doctoral Dissertation Advisor (AC)

Elisa Heinrich Mora

Doctoral Dissertation Co-Advisor (AC)

Noah Egan

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

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

Publications

PUBLICATIONS

- **The "zombie science" of biological race realism (Book Review)** *BIOSCIENCE*
  Book Review Authored by: Lala, K. N., Feldman, M. W.
  2026
- **Domestication as gene-culture coevolution.** *Proceedings of the National Academy of Sciences of the United States of America*
  Van Amburg, C., Babel, D., Feldman, M. W.

2026; 123 (38): e2620741123

- **Examining the nexus between household livelihood vulnerability and ecosystem service dependence in southern Shaanxi** *ISCIENCE*
  Liu, W., Guo, L., Xu, J., Feldman, M. W., Li, C.
  2026; 29 (8)
- **Examining the nexus between household livelihood vulnerability and ecosystem service dependence in southern Shaanxi.** *iScience*
  Liu, W., Guo, L., Xu, J., Feldman, M. W., Li, C.
  2026; 29 (8): 117093
- **The impacts of disaster resettlement on sustainable household well-being in Southern Shaanxi, China** *HABITAT INTERNATIONAL*
  Liu, W., Liu, X., Zhao, X., Feldman, M. W.
  2026; 175
- **Conformity to popular, not average, opinions: Models, data, and evolution.** *Proceedings of the National Academy of Sciences of the United States of America*
  Denton, K. K., Feldman, M. W., Johannemann, J. F.
  2026; 123 (25): e2530712123
- **Household livelihood resilience and natural resource dependence: Understanding their relationship for rural China's disaster resettlement** *SUSTAINABLE FUTURES*
  Wu, X., Liu, W., He, L., Duan, M., Song, Z., Feldman, M.
  2026; 11
- **Demystifying natural resource dependence and household adaptive capacity in the case of urban resettlement in western China** *CLIMATE SERVICES*
  Xu, J., Liu, W., Ren, L., Qi, P., Feldman, M. W.
  2026; 42
- **Synergies and trade-offs between livelihood capitals in building resilience of urban resettled households in China** *CITIES*
  Liu, W., Ren, L., Xu, J., Feldman, M.
  2026; 171
- **Perceived Family Uncertainty Among Return Migrants in Rural China: A Pull-Push Mechanism in Family Functioning** *APPLIED RESEARCH IN QUALITY OF LIFE*
  Yang, B., Feldman, M. W., Li, S.
  2026
- **Evolution under stochastic transmission: Mutation-rate modifiers.** *Theoretical population biology*
  Heinrich-Mora, E., Feldman, M.
  2026
- **The contributions of livelihood resilience to reshaping adaptive capacity in rural China** *FRONTIERS IN ENVIRONMENTAL SCIENCE*
  Gu, L., Zhu, Q., Zhao, S., Luo, X., Liu, J., Feldman, M., Liu, W.
  2026; 14
- **Not by Selection Alone: Expanding the Scope of Gene-Culture Coevolution.** *Evolutionary anthropology*
  Kasser, S. M., Lala, K. N., Fortunato, L., Feldman, M. W.
  2025; 34 (3): e70007
- **Culture is not ecology** *EVOLUTION AND HUMAN BEHAVIOR*
  Denton, K. K., Heinrich-Mora, E., Egan, N., Feldman, M. W.
  2025; 46 (5)
- **Gene-culture association and coevolution.** *Theoretical population biology*
  Fogarty, L., Zhang, S., Feldman, M. W.
  2025; 165: 62-71
- **Livelihood Resilience and Disaster Preparedness Among Farmers in Flood Risk Areas of Rural China** *WATER*
  Liu, W., Ni, Y., Feldman, M., Xu, D.
  2025; 17 (16)

- **Impediments to countering racist pseudoscience.** *Evolutionary human sciences*
  Lala, K. N., Brown, G., Twyman, K., Feldman, M. W.
  2025; 7: e24
- **Impediments to countering racist pseudoscience** *EVOLUTIONARY HUMAN SCIENCES*
  Lala, K. N., Brown, G., Twyman, K., Feldman, M. W.
  2025; 7
- **Conformity to continuous and discrete ordered traits.** *Proceedings of the National Academy of Sciences of the United States of America*
  Heinrich Mora, E., Denton, K. K., Palmer, M. E., Feldman, M. W.
  2025; 122 (3): e2417078122
- **Energy-poverty-inequality SDGs: A large-scale household analysis and forecasting in China.** *Proceedings of the National Academy of Sciences of the United States of America*
  Li, C., Li, M., Zhang, L., Li, Q., Zheng, H., Feldman, M. W.
  2025; 122 (1): e2408167121
- **Energy-poverty-inequality SDGs: A large- scale household analysis and forecasting in China** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Li, C., Li, M., Zhang, L., Li, Q., Zheng, H., Feldman, M. W.
  2025; 122 (1)
- **Does livelihood risk matter in disaster preparedness? Insights from flood risk areas of rural China** *CLIMATE RISK MANAGEMENT*
  Liu, W., Qi, P., Xu, J., Feldman, M., Xu, D.
  2025; 48
- **Cultural transmission, networks, and clusters among Austronesian-speaking peoples** *EVOLUTIONARY HUMAN SCIENCES*
  Macdonald, J. C., Blanco-Portillo, J., Feldman, M. W., Ram, Y.
  2024; 6
- **Cultural transmission, networks, and clusters among Austronesian-speaking peoples.** *Evolutionary human sciences*
  Macdonald, J. C., Blanco-Portillo, J., Feldman, M. W., Ram, Y.
  2024; 6: e51
- **Genes, culture, and scientific racism.** *Proceedings of the National Academy of Sciences of the United States of America*
  Lala, K. N., Feldman, M. W.
  2024; 121 (48): e2322874121
- **Half a century of quantitative cultural evolution.** *Proceedings of the National Academy of Sciences of the United States of America*
  Fogarty, L., Kandler, A., Creanza, N., Feldman, M. W.
  2024; 121 (48): e2418106121
- **Human culture is uniquely open-ended rather than uniquely cumulative.** *Nature human behaviour*
  Morgan, T. J., Feldman, M. W.
  2024
- **The refinement paradox and cumulative cultural evolution: Complex products of collective improvement favor conformist outcomes, blind copying, and hyper-credulity.** *PLoS computational biology*
  Miu, E., Rendell, L., Bowles, S., Boyd, R., Cownden, D., Enquist, M., Eriksson, K., Feldman, M. W., Lillicrap, T., McElreath, R., Murray, S., Ounsley, J., Lala, et al
  2024; 20 (9): e1012436
- **Exploring the relationship between vulnerability and adaptation of rural households: disaster resettlement experience from rural China** *FRONTIERS IN ENVIRONMENTAL SCIENCE*
  Liu, W., Duan, M., Feldman, M.
  2024; 12
- **Illuminating sustainable household well-being and natural resource dependence in the case of disaster resettlement in rural China.** *Environmental science and pollution research international*
  Liu, W., He, L., Li, J., Feldman, M.

2024

- **Examining the links between household livelihood resilience and vulnerability: disaster resettlement experience from rural China** *FRONTIERS IN ENVIRONMENTAL SCIENCE*
  Liu, W., Liu, J., Xu, J., Li, J., Feldman, M.
  2024; 11
- **Cultural transmission, competition for prey, and the evolution of cooperative hunting.** *Theoretical population biology*
  Borofsky, T., Feldman, M. W., Ram, Y.
  2024
- **On random conformity bias in cultural transmission of polychotomous traits.** *Theoretical population biology*
  Denton, K. K., Liberman, U., Feldman, M. W.
  2023
- **Cultural transmission of move choice in chess.** *Proceedings. Biological sciences*
  Lappo, E., Rosenberg, N. A., Feldman, M. W.
  2023; 290 (2011): 20231634
- **Drowning in shallow causality.** *The Behavioral and brain sciences*
  Shen, H., Feldman, M. W.
  2023; 46: e199
- **Age-differentiated incentives for adaptive behavior during epidemics produce oscillatory and chaotic dynamics.** *PLoS computational biology*
  Arthur, R. F., Levin, M., Labrogere, A., Feldman, M. W.
  2023; 19 (9): e1011217
- **Infectious diseases may have arrested the southward advance of microblades in Upper Palaeolithic East Asia.** *Proceedings. Biological sciences*
  Aoki, K., Takahata, N., Oota, H., Wakano, J. Y., Feldman, M. W.
  2023; 290 (2005): 20231262
- **Evolutionary modeling suggests that addictions may be driven by competition-induced microbiome dysbiosis.** *Communications biology*
  Lewin-Epstein, O., Jaques, Y., Feldman, M. W., Kaufer, D., Hadany, L.
  2023; 6 (1): 782
- **Cultural niche construction with application to fertility control: A model for education and social transmission of contraceptive use.** *Theoretical population biology*
  Denton, K. K., Kendal, J. R., Ihara, Y., Feldman, M. W.
  2023
- **Conditions that favour cumulative cultural evolution.** *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*
  Denton, K. K., Ram, Y., Feldman, M. W.
  2023; 378 (1872): 20210400
- **Conformity and anti-conformity in a finite population.** *Journal of theoretical biology*
  Lappo, E., Denton, K. K., Feldman, M. W.
  2023: 111429
- **A memetic algorithm for finding multiple subgraphs that optimally cover an input network.** *PloS one*
  He, X., Wang, Y., Du, H., Feldman, M. W.
  2023; 18 (1): e0280506
- **Care-receivers' expected intergenerational support in aging rural China: A perspective of sustainable livelihoods and the sandwich effect** *SOCIAL SCIENCE JOURNAL*
  Yang, B., Feldman, M. W., Li, S.
  2022
- **Livelihood adaptive capacities and adaptation strategies of relocated households in rural China** *FRONTIERS IN SUSTAINABLE FOOD SYSTEMS*
  Liu, W., Cheng, Y., Li, J., Feldman, M.

2022; 6

- **How Family Living Arrangements and Migration Distances Shape the Settlement Intentions of Rural Migrant Workers in China.** *International journal of environmental research and public health*
  Che, L., Du, H., Jin, X., Feldman, M. W.
  2022; 19 (23)
- **Polychotomous traits and evolution under conformity.** *Proceedings of the National Academy of Sciences of the United States of America*
  Denton, K. K., Liberman, U., Feldman, M. W.
  2022; 119 (39): e2205914119
- **How Does Migration Affect HIV Sexual Risk Behaviors Among Involuntary Bachelors? The Mediating Roles of Neighborhoods and Social Networks.** *Archives of sexual behavior*
  Gou, H., Liu, H., Feldman, M. W.
  2022
- **Short-Term Dairy Product Elimination and Reintroduction Minimally Perturbs the Gut Microbiota in Self-Reported Lactose-Intolerant Adults.** *mBio*
  Smith, C. J., Dethlefsen, L., Gardner, C., Nguyen, L., Feldman, M., Costello, E. K., Kolodny, O., Relman, D. A.
  2022: e0105122
- **Success-biased social learning in a one-consumer, two-resource model.** *Theoretical population biology*
  Borofsky, T., Feldman, M. W.
  2022
- **Diversity and its causes: Lewontin on racism, biological determinism and the adaptationist programme.** *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*
  Shen, H., Feldman, M. W.
  2022; 377 (1852): 20200417
- **Disaster Resettlement and Adaptive Capacity among Rural Households in China** *SOCIETY & NATURAL RESOURCES*
  Xu, J., Liu, W., Li, J., Li, C., Feldman, M.
  2022
- **Hunter-gatherer genomes reveal diverse demographic trajectories during the rise of farming in Eastern Africa.** *Current biology : CB*
  Gopalan, S., Berl, R. E., Myrick, J. W., Garfield, Z. H., Reynolds, A. W., Bafens, B. K., Belbin, G., Mastoras, M., Williams, C., Daya, M., Negash, A. N., Feldman, M. W., Hewlett, et al
  2022
- **Differential application of cultural practices at the family and individual levels may alter heritability estimates.** *The Behavioral and brain sciences*
  Kolodny, O., Feldman, M. W., Lotem, A., Ram, Y.
  2022; 45: e167
- **Static environments with limited resources select for multiple foraging strategies rather than conformity** *ECOLOGICAL MONOGRAPHS*
  Borofsky, T. M., Feldman, M. W.
  2021
- **Advantages of being bicultural: Acculturation and mental health among rural-urban migrants in China** *CITIES*
  Yue, Z., Wang, B., Li, S., Fong, E., Feldman, M. W.
  2021; 119
- **Conformity and content-biased cultural transmission in the evolution of altruism.** *Theoretical population biology*
  Denton, K. K., Ram, Y., Feldman, M. W.
  2021
- **Socioeconomic Status, Institutional Power, and Body Mass Index among Chinese Adults.** *International journal of environmental research and public health*
  Li, W., Li, S., Feldman, M. W.
  2021; 18 (20)

- **The Risk of HIV/STDs Infection and Transmission Among Never-Married Male Migrants in China: Is Risk Attributable to Bachelorhood or Migration?** *Archives of sexual behavior*
  Liu, H., Wang, H., Feldman, M.
  2021
- **Poverty and income inequality effects of the relocation program in Shaanxi, China** *ASIAN-PACIFIC ECONOMIC LITERATURE*
  Li, C., Wang, L., Feldman, M. W., Li, S.
  2021
- **On randomly changing conformity bias in cultural transmission.** *Proceedings of the National Academy of Sciences of the United States of America*
  Denton, K. K., Liberman, U., Feldman, M. W.
  2021; 118 (34)
- **Effects of cultural transmission of surnaming decisions on the sex ratio at birth.** *Theoretical population biology*
  Liu, X., Feldman, M. W.
  2021
- **Public Participation and Governance Performance in Gender-Imbalanced Central Rural China: The Roles of Trust and Risk Perception** *SOCIAL SCIENCES-BASEL*
  Song, R., Li, S., Feldman, M. W.
  2021; 10 (7)
- **Sexual network and condom use among male migrants in the context of China's gender imbalance.** *AIDS care*
  Zhao, M., Liu, H., Chen, X., Feldman, M. W.
  2021: 1-5
- **Non-vertical cultural transmission, assortment and the evolution of cooperation.** *Proceedings. Biological sciences*
  Cohen, D., Lewin-Epstein, O., Feldman, M. W., Ram, Y.
  2021; 288 (1951): 20203162
- **Marriage, Health, and Old-Age Support: Risk to Rural Involuntary Bachelors' Family Development in Contemporary China.** *Asian bioethics review*
  Meng, Y., Yang, B., Li, S., Feldman, M. W.
  2021; 13 (1): 77-89
- **Ethical considerations and community engagement experiences of the Afromexico Genomics Project**
  Avila Arcos, M. C., Sanchez Romero, G., Moreno-Estrada, A., Bustamante, C. D., Feldman, M. W.
  WILEY.2021: 6–7
- **Designing gene drives to limit spillover to non-target populations.** *PLoS genetics*
  Greenbaum, G., Feldman, M. W., Rosenberg, N. A., Kim, J.
  2021; 17 (2): e1009278
- **Adaptive social contact rates induce complex dynamics during epidemics.** *PLoS computational biology*
  Arthur, R. F., Jones, J. H., Bonds, M. H., Ram, Y., Feldman, M. W.
  2021; 17 (2): e1008639
- **Marriage, Health, and Old-Age Support: Risk to Rural Involuntary Bachelors' Family Development in Contemporary China** *ASIAN BIOETHICS REVIEW*
  Meng, Y., Yang, B., Li, S., Feldman, M. W.
  2021
- **The status of perceived community resilience in transitional rural society: An empirical study from central China** *JOURNAL OF RURAL STUDIES*
  Yang, B., Feldman, M. W., Li, S.
  2020; 80: 427–38
- **Jaw Epidemic: A Reply to Singh** *BIOSCIENCE*
  Kahn, S., Ehrlich, P., Feldman, M., Sapolsky, R., Wong, S.

2020; 70 (12): 1044

- **The power of randomization by sex in multilocus genetic evolution.** *Biology direct*
  Vasylenko, L., Feldman, M. W., Livnat, A.
  2020; 15 (1): 26
- **Loss of genetic variation in the two-locus multiallelic haploid model.** *Theoretical population biology*
  Pontz, M., Feldman, M. W.
  2020
- **The Status of Family Resilience: Effects of Sustainable Livelihoods in Rural China** *SOCIAL INDICATORS RESEARCH*
  Yang, B., Feldman, M. W., Li, S.
  2020
- **Evolution of transmission modifiers under frequency-dependent selection and transmission in constant or fluctuating environments.** *Theoretical population biology*
  Shen, H., Liberman, U., Feldman, M.
  2020
- **The Jaw Epidemic: Recognition, Origins, Cures, and Prevention** *BIOSCIENCE*
  Kahn, S., Ehrlich, P., Feldman, M., Sapolsky, R., Wong, S.
  2020; 70 (9): 759–71
- **Widowhood and mortality risk of older people in rural China: do gender and living arrangement make a difference?** *AGEING & SOCIETY*
  Liu, H., Jiang, Q., Feldman, M. W.
  2020; 40 (9): 1939–55
- **A new perspective for mitigation of SARS-CoV-2 infection: priming the innate immune system for viral attack** *OPEN BIOLOGY*
  Kolodny, O., Berger, M., Feldman, M. W., Ram, Y.
  2020; 10 (7)
- **A new perspective for mitigation of SARS-CoV-2 infection: priming the innate immune system for viral attack.** *Open biology*
  Kolodny, O., Berger, M., Feldman, M. W., Ram, Y.
  2020; 10 (7): 200138
- **L. Luca Cavalli-Sforza: A Renaissance Scientist** *THEORETICAL POPULATION BIOLOGY*
  Feldman, M. W.
  2020; 133: 75–79
- **Is change of natural capital essential for assessing relocation policies? A case from Baihe county in western China** *IMPACT ASSESSMENT AND PROJECT APPRAISAL*
  Xiao, Q., Liu, H., Feldman, M. W.
  2020
- **The Impact of the Anti-Poverty Relocation and Settlement Program on Rural Households' Well-Being and Ecosystem Dependence: Evidence from Western China** *SOCIETY & NATURAL RESOURCES*
  Li, C., Guo, M., Li, S., Feldman, M.
  2020
- **Cultural evolution of conformity and anticonformity.** *Proceedings of the National Academy of Sciences of the United States of America*
  Denton, K. K., Ram, Y. n., Liberman, U. n., Feldman, M. W.
  2020
- **High-resolution inference of genetic relationships among Jewish populations.** *European journal of human genetics : EJHG*
  Kopelman, N. M., Stone, L. n., Hernandez, D. G., Gefel, D. n., Singleton, A. B., Heyer, E. n., Feldman, M. W., Hillel, J. n., Rosenberg, N. A.
  2020
- **The sexual networks of female sex workers and potential HIV transmission risk: an entertainment venue-based study in Shaanxi, China.** *International journal of STD & AIDS*
  Liu, H. n., Zhao, M. n., Wang, Y. n., Feldman, M. W., Xiao, Q. n.
  2020: 956462419886780

- **Genetic nurturing, missing heritability, and causal analysis in genetic statistics.** *Proceedings of the National Academy of Sciences of the United States of America*
  Shen, H. n., Feldman, M. W.
  2020
- **Migration, Social Networks, and HIV Sexual Risk Behaviors Among Involuntary Bachelors in Rural China.** *AIDS and behavior*
  Gou, H. n., Liu, H. n., Wang, Y. n., Li, X. n., Feldman, M. W.
  2020
- **Reply to Balsa-Canto et al.: Growth models are applicable to growth data, not to stationary-phase data.** *Proceedings of the National Academy of Sciences of the United States of America*
  Ram, Y., Obolski, U., Feldman, M. W., Berman, J., Hadany, L.
  2019
- **The evolution of frequency-dependent cultural transmission.** *Theoretical population biology*
  Liberman, U., Ram, Y., Altenberg, L., Feldman, M. W.
  2019
- **Acculturation of rural-urban migrants in urbanising China: a multidimensional and bicultural framework** *POPULATION SPACE AND PLACE*
  Yue, Z., Fong, E., Li, S., Feldman, M. W.
  2019
- **Disease transmission and introgression can explain the long-lasting contact zone of modern humans and Neanderthals.** *Nature communications*
  Greenbaum, G., Getz, W. M., Rosenberg, N. A., Feldman, M. W., Hovers, E., Kolodny, O.
  2019; 10 (1): 5003
- **Sex: The power of randomization**
  Vasylenko, L., Feldman, M. W., Papadimitriou, C., Livnat, A.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2019: 41–53
- **Family Structure and Competing Demands From Aging Parents and Adult Children Among Middle-Aged People in China** *JOURNAL OF FAMILY ISSUES*
  Liu, H., Feng, Z., Jiang, Q., Feldman, M.
  2019
- **Process of Decline in Activities of Daily Living of Older Chinese People Prior to Death: Evidence From Three Cohorts** *RESEARCH ON AGING*
  Zhang, W., Feldman, M. W., Du, P.
  2019; 41 (8): 727–50
- **Was inter-population connectivity of Neanderthals and modern humans the driver of the Upper Paleolithic transition rather than its product?** *QUATERNARY SCIENCE REVIEWS*
  Greenbaum, G., Friesem, D. E., Hovers, E., Feldman, M. W., Kolodny, O.
  2019; 217: 316–29
- **Sex with partners met online: risky sexual behavior among bachelors in rural China.** *AIDS care*
  Wang, Y., Liu, H., Zhao, M., Feldman, M. W., Williams, A. B.
  2019: 1–5
- **Evolution of hierarchy in bacterial metabolic networks** *BIOSYSTEMS*
  Goodman, A. J., Feldman, M. W.
  2019; 180: 71–78
- **The great human expansion** *RESONANCE-JOURNAL OF SCIENCE EDUCATION*
  Henn, B. M., Cavalli-Sforza, L. L., Feldman, M. W.
  2019; 24 (6): 711–18
- **Marriage Aspiration, Perceived Marriage Squeeze, and Anomie Among Unmarried Rural Male Migrant Workers in China.** *American journal of men's health*
  Li, W., Li, S., Feldman, M. W.

2019; 13 (3): 1557988319856170

- **Process of Decline in Activities of Daily Living of Older Chinese People Prior to Death: Evidence From Three Cohorts.** *Research on aging*
  Zhang, W., Feldman, M. W., Du, P.
  2019: 164027519841016
- **The life history of learning: Demographic structure changes cultural outcomes** *PLOS COMPUTATIONAL BIOLOGY*
  Fogarty, L., Creanza, N., Feldman, M. W.
  2019; 15 (4)
- **Evolution of Hierarchy in Bacterial Metabolic Networks.** *Bio Systems*
  Goodman, A., Feldman, M.
  2019
- **Evolution of resilience in protein interactomes across the tree of life.** *Proceedings of the National Academy of Sciences of the United States of America*
  Zitnik, M., Sosic, R., Feldman, M. W., Leskovec, J.
  2019
- **Does China's Anti-Poverty Relocation and Settlement Program Benefit Ecosystem Services: Evidence from a Household Perspective** *SUSTAINABILITY*
  Li, C., Kang, B., Wang, L., Li, S., Feldman, M., Li, J.
  2019; 11 (3)
- **Sex: The power of randomization.** *Theoretical population biology*
  Vasylenko, L., Feldman, M. W., Papadimitriou, C., Livnat, A.
  2019
- **The life history of learning: Demographic structure changes cultural outcomes.** *PLoS computational biology*
  Fogarty, L. n., Creanza, N. n., Feldman, M. W.
  2019; 15 (4): e1006821
- **Information diffusion in signed networks.** *PloS one*
  He, X., Du, H., Feldman, M. W., Li, G.
  2019; 14 (10): e0224177
- **Understanding Niche Construction as an Evolutionary Process** *EVOLUTIONARY CAUSATION: BIOLOGICAL AND PHILOSOPHICAL REFLECTIONS*
  Laland, K. N., Odling-Smee, J., Feldman, M. W.
  edited by Uller, T., Laland, K. N.
  2019: 127–52
- **Interpreting polygenic scores, polygenic adaptation, and human phenotypic differences** *EVOLUTION MEDICINE AND PUBLIC HEALTH*
  Rosenberg, N. A., Edge, M. D., Pritchard, J. K., Feldman, M. W.
  2019: 26–34
- **Beyond uncertainty: A broader scope for "incentive hope" mechanisms and its implications** *BEHAVIORAL AND BRAIN SCIENCES*
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