CURRICULUM VITAE
Erich D. Jarvis
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EDUCATION

1979-1983	High School: Dance Major, High School of the Performing Arts, NY
1979-1983	Scholarships to Joffrey Ballet and Alvin Ailey Dance Schools, NY
1983-1988	Undergraduate: B.A., Double major: Biology & Mathematics. Minor: Chemistry. Hunter College, NY
1988-1995	Graduate: Ph.D., Molecular Neurobiology & Animal Behavior, The Rockefeller University, NY
1995-1998	Postdoctoral: Molecular Neurobiology & Animal Behavior, The Rockefeller University, NY

RESEARCH & PROFESSIONAL POSITIONS

1984-1988	Undergraduate research: Molecular biology of protein synthesis genes in bacteria; studied with Dr. Rivka Rudner, Hunter College, NY
1988-1995	Graduate research: PhD *A Window into the Molecular Biology of Song Associative Learning and Memory in Songbirds,* with Dr. Fernando Nottebohm, The Rockefeller University, NY
1995-1998	Post-Doctoral research: Molecular biology of vocal learning, with Dr. Fernando Nottebohm, The Rockefeller University, NY
1996	Research Associate, Adjunct: Hunter College, NY. Supervised lab of former undergraduate advisor Dr. Rivka Rudner for 6 months while she was on sabbatical.
1998-2002	Assistant Professor, Adjunct: The Rockefeller University, NY
1998-2005	Assistant Professor, Department of Neurobiology, Duke University Medical Center (DUMC), NC
1999-2005	Assistant Professor, Fellow: Center for Cognitive Neuroscience, Duke University, NC
2000-2005	Assistant Professor, Center for Bioinformatics & Computational Biology, Duke University, NC
2000-2005	Assistant Professor, Allied Faculty: Psychological & Brain Sciences, Duke University, NC
2001-2005	Assistant Professor, Faculty: Development Biology Program, DUMC, NC
2008-present	Investigator, Howard Hughes Medical Institute (HHMI). Successful renewals in 2015 & 2021
2011-2019	Visiting Researcher, RIKEN Brain Science Institute, Wako, Japan.
2016	Full Professor, Tenure: Neurobiology & departments above, Duke University, NC
2016-present	Full Professor, Tenure: Laboratory of Neurogenetics of Language, The Rockefeller University, New York, NY
2017-present	Director, The Rockefeller University Field Research Center, Millbrook, NY
2017-present	Director, The Rockefeller Vertebrate Genome Laboratory, New York, NY

TEACHING & RELATED COMMITTEES

1992-1998	Trained inner-city high school students of under-represented backgrounds to gain laboratory research experience, Science Outreach Program of NY
1998-2016	Trained high school, undergrad & graduate students in neuroscience research, DUMC, NC
1999-2008	Medical student core neuroscience course, DUMC, NC
2000-2015	Graduate Student Steering Committee, Department of Neurobiology, DUMC, NC
2000-2015	Graduate Student Admissions Committee, Department of Neurobiology, DUMC, NC
2000-2003	Cognitive neuroscience graduate course, Duke University, NC

2001-2002 Graduate core neuroanatomy course, DUMC, NC
2001-2005 Undergraduate neuroscience course, DUMC, NC
2001 Graduate neuroethology course, DUMC, NC
2006-2008 Graduate neuroscience lecture training course, DUMC, NC
2006-2008 Graduate student core neuroscience course, DUMC, NC
2008-2013 Director, Graduate Concepts in Neuroscience course: Cellular & Molecular Neurobiology, DUMC, NC
2013, 2016 Vocal learning graduate course, Department of Neurobiology, DUMC, NC
2013-2016 Synaptic plasticity graduate course, Department of Neurobiology, DUMC, NC
2019 GEN Talks on the new age of genomics (offered online), Hunter college, CUNY, NY.
2020 Development of CNS Circuits (Hatten organizer), Rockefeller University, NY
2021 Co-director, Fundamentals of Neuroscience graduate student course, Rockefeller, NY
2023 World Science Festival Course in Neuroscience, for talented students globally

MEMBERSHIPS, ADVISORY & EDITORIAL BOARDS, CONSULTING, & COMMITTEES

1988 Undergraduate, organized 1st Hunter College MBRS/MARC Science Day Symposium
1990 Graduate, organized 1st Rockefeller University Space Science Lecture Series
1988-present Member, Society for Neuroscience
1998-2014 Member, J.B. Johnston Neuroscience Organization
1999-2006 Organizer, Avian Brain Nomenclature Consortium that changed the 100-year old outdated understanding of the avian and thus vertebrate brain evolution
1999-2002 Council Member, Duke University President's Council on Black Affairs, NC
2001-2005 Founding Member, Black Collective at Duke (BCD), Duke University, NC
2003-2008 Member, Society for Advancement of Chicanos & Native Americans (SACNAS)
2004-2008 International Society for Neuroethology
2004-2006 Invited Advisor, NSF Task Group for Enhancing Support for Transformative Research.
2005-2006 Elected Member, Duke University Medical Center Basic Sciences Faculty Steering Committee
2005-2014 Committee on Diversity in Neuroscience (C-DIN), The Society for Neuroscience. Renamed Diversity in Neuroscience Subcommittee (DINS) in 2009.
2006, 2008 Invited Panelist, NIH Director's Pioneer Award Reviewer
2007 Invited Panelist, NIH Director's New Innovator Award Reviewer
2007 Invited Advisor, NIH Fostering Innovation Workshop.
2007-2008 Advisory Committee to the NIH Director (ACD; Elias Zerhouni): Subcommittee on Peer Review; Reviewed, developed and recommended new mechanisms for funding more innovative and transformative research. Implemented by NIH beginning 2009.
2008-present Nominated member, The Dana Alliance for Brain Initiatives
2008-2014 Director and PI, Neuroscience Scholars Program, The Society for Neuroscience
2009-2012 Duke Center for Proteomics Board
2011-2012 NIMH National Advisory Mental Health Council, ad-hoc.
2010-present Genome 10K/Vertebrate Genomes Project (VGP); Co-PI 2014-2016; Chair 2017-present
2013-present External Advisory Committee for Science, Hunter College, NY
2013-2018 ENSEMBL database Science Advisory Board
2013-present Editorial Board, the Journal of Comparative Neurobiology
2013-2017 Editorial Board, Neuroscience Research
2013 NSF workshop on Obama Brain Mapping Initiative
2013-present Co-coordinator and co-founder of B10K project to sequence genomes of all bird species.
2014-2015 Distinguished Editor, Editorial Review Board, NIH Director's New Innovator Award
2014-present Advisory Board, Society for Neuroscience – Neuroscience Scholars Program.
2014-2016 Duke Basic Sciences Faculty Steering Committee
2014-2016 Duke Medical School Dean's Advisory Council on Underrepresented Minority Faculty
2015-2023 Editorial Board of Psychology of Language, Frontiers in Psychology
2018-2020 Reviewing Editor, eLife
2018-present Rockefeller Inclusive Science Initiative (RISI) faculty director

2019-2020 NHGRI Genomics2020 strategic planning meetings for next decade
2019-present Neurobiology of Language journal, Editorial Board, Senior Editor
2019-present Packard Foundation, Science Advisory Panel
2020-present *Science*, Board of Reviewing Editors
2020-present Allen Institute for Brain Science, Advisory Board (Chair in 2022)
2020-present *The Scientist*, Editorial Advisory Board
2021-present Packard Foundation Justice, Equity, Diversity and Inclusion (JEDI) Council
2021-present External Advisory Board for Mt Sinai NIH FIRST program for enhancing diversity
2021-present *PLoS Biology* Editorial Review Board
2022-present Cary Institute Board of Trustees
2022-present *Cell*, Advisory Board Member
2023-present Chan Zuckerberg Initiative's Science Diversity Leadership Networking and Mentorship program

AWARDS & HONORS

1984 NIH-Minority Biomedical Research Support (MBRS) Traineeship
1986 First Place Award for Excellence in Biomedical Research, NIH-MBRS Annual Symposium
1986 NIGMS-Minority Access to Research Careers (MARC) Honors Undergraduate Fellowship
1988 MARC-NIGMS Pre-Doctoral National Research Service Award
1988 FORD Foundation Pre-Doctoral Fellowship
1995 Society for Neuroscience Travel Fellowship for Under-Represented Scientists
1995 NIMH Dissertation Grant
1995 NIMH Neuroscience Postdoctoral Training Grant
1995 Rockefeller University Kluge Postdoctoral Fellowship
2000 George H. Hitchings Young Investigator Award, NC Triangle Foundation, one person/year
2000 Esther & Joseph Klingenstein Award in Neuroscience
2000 Whitehall Foundation Award in Neuroscience, 2nd highest score
2000 David and Lucile Packard Foundation Award
2000 Hall of Fame: Hunter College Search for Education, Elevation & Knowledge (SEEK), NY
2001 Duke University Provost Bioinformatic Award
2002 Duke University Provost Computational Biology Award
2002 Hall of Fame: Alumni Association of Hunter College
2002 Human Frontiers in Science Program Young Investigators Award
2002 NSF Alan T. Waterman Award. NSF's highest award for young investigators given annually to one scientist or engineer under the age of 35 who made a significant discovery/impact in science. Awarded for molecular approach and findings to map brain areas involved in behavior.
2002 Wall of Fame: Duke University Medical Center
2003 The 2003 Distinguished Alumni Award of the City University of New York
2004 Intranet Linguists of the Year for 2004
2005 Dominion Award: Strong Men and Women of Excellence: African American Leaders. Prior awardees include Arthur Ash, Maya Angelou, Oprah Winfrey, and Michael Jordan.
2005 American Philosophical Society Award
2005 NIH Director's Pioneer Award. Given annually to top ~1.5% of applicants.
2005 NOVA Science Now documentary of Dr. Jarvis and his research.
2005 National Science Foundation top 10 science stories of 2005; avian/vertebrate brain evolution.
2006 Discover magazine top 100 science discoveries of 2005; avian brain nomenclature listed at #51.
2006 Diverse magazine's top 10 emerging scholars of 2006.
2006 Popular Science Magazine's Brilliant 10 of 2006 under the age of 45
2006 People Magazine's, Sexiest Brain Researcher, 2006.
2007 Mental Floss Magazine's 10 Trail blazing scientist of 2007
2007 Creator Synectics' top 100 geniuses
2008 HHMI Investigator Award
2009 Ruth & A Morris Williams Prize. Duke University Medical Center's highest award under the age of 45

2009 Duke University's 50 most powerful living men & women, past & current, Duke Towerview magazine
2010 History Makers Documentary: African American Leaders in Science. Chicago, IL
2010 North Western University "Distinguished Role Model in Science" award. Evanston, IL
2013 Futurish magazine's 2014 Citizens of the Next Century (http://www.future-ish.com/2010/12/next-century-citizens.html)
2014 Co-recipient of Summit Award from the American Society for Association Executives (ASAE) for the Society for Neuroscience's Neuroscience Scholars Program, for URM.
2015 Science magazine working life article on Jarvis. **Science by any means necessary**. (2015) ***Science*** 347 (6222):686. http://www.sciencemag.org/content/347/6222/686.short
2015 Science Careers article on Jarvis. **Following the birdsong of Science**. (2015) http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2015_01_19/caredit.a1500015
2015 American Society for Cell Biology's Ernest Everett Just award for impact on diversity in science
2016 Langford Award: Duke University's outstanding research for full professor promotion
2018 W.M. Keck Foundation Award for high risk neuroengineering project
2018 USA Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring representative for the Society for Neuroscience Neuroscience Scholars Award
2019 NHGRI Human Pangenome Reference Consortium Award (only 1 awarded; Co-I)
2019 NIH Directors Transformative Research Award
2020 Science of vocal learning, Netflix's Babies documentary series.
2020 Cell Mentor's 100 Inspiring Black Scientist in America
2023 Dataworks Prize, NIH. For GenomeArk database. People's choice award #1

NAMED, HONORARY, & KEYNOTE LECTURES (164 out of >300 invited lectures since 1996)

1999
- Speaker: International Emperor's Award in Biology, Nagoya, Japan

2000
- Plenary Speaker: Research Centers for Minority Institutions (RCMI)-Symposium, Puerto Rico

2001
- Distinguished Speaker: 10th Annual Puerto Rico Neuroscience Conference, Isle Verde, PR
- Plenary Lecturer: Atlantic Symposium on Computational Biology, Genome Systems & Tech, NC

2002
- Baptista Memorial Symposium: International Ornithology Conference, Beijing, China
- Lecture and Discussant: Gordon Research Conference in Neuroethology, Oxford, UK
- Leaders in Scientific Discovery: Conversations with two Nobel laureates (Cech & Gilman) and a Waterman awardee (Jarvis). Celebrating 40 years of NIGMS & 30 of MBRS, New Orleans, LA
- Lecturer: The National Academy of Science's US-Japan meeting, Irvine, CA
- Keynote Speaker: Duke University Undergraduate Visitation Week, minority student recruitment.

2003
- Topical Lecturer: AAAS meeting, Denver, CO
- Keynote Speaker: National Science Foundation, African American History Month Series, Washington, DC
- Keynote Speaker: Howard University Graduate School, Washington, DC
- Keynote Speaker: Society for Advancement of Chicanos & Native Americans, Albuquerque, NM

2004
- The ISIS 2004 Keynote Inspirational Speaker: University of North Carolina, Chapel Hill, NC
- The 2004 Howard Hughes Professor's Lecture: Columbia University, New York, NY
- Keynote Speaker: NC Health Careers Access Program, Greensboro, NC

2005
- The 2005 Chancellor's Scholars Lecturer: Fayetteville University, Fayetteville, NC
- Keynote Speaker: Education for Sustainable Development Conference, Yale University, CT
- Keynote Speaker: NIMH intramural annual conference, Gettysburg, VA.
- Keynote Speaker: Society of Neuroethology Congress, Budapest, Hungary.

- Langford Lecture Provost Award: Duke University's outstanding research for tenure promotion.
- Keynote Speaker: RCMI 20th Anniversary Symposium, City College, NY
- Annual Duke Perkins Library Lecturer, Duke University, Durham, NC.

2006

- Keynote Speaker: HBCU-UP National Research Conference, Baltimore, MD
- Keynote Speaker: National Institutes of Aging, Black History Month Lecturer, Bethesda, MD
- NIMH Director's Lecturer, Bethesda, MD
- NIDCD Council Lecturer, Bethesda, MD
- Plenary Lecturer: 24th International Ornithology Congress, Hamburg, Germany
- Distinguished Lecturer: NC Central University, Durham, NC
- The 2006 James Holland Memorial Lecturer, Indiana University, Bloomington, IN
- Symposium Speaker: Deciphering Evolution, American Society for Cell Biology, San Diego, CA

2007

- Keynote Speaker: 2007 NEURON Conference, Simmons College, Boston, MA
- Keynote Speaker: 2007 Beta Kappa Chi Honor Society & National Institute of Science Conference, Greensboro, NC
- The 2007 Darwin Day Lecturer: Virginia Commonwealth University, Richmond, VA
- BioX Lecturer: Stanford University, Stanford, CA
- Honored Guest Speaker: Adventures of the Mind youth conference, Morehouse University, GA
- Public Symposium Speaker: Conference on Birdsong, Speech, & Language, Utrecht, Netherlands
- Keynote Speaker: University of Colorado HSC, Annual Neuroscience Retreat, Keystone, CO.
- Keynote Speaker: National Association of Biology Teachers, Atlanta, GA
- Symposium Speaker: International Seminar on Language Evolution, St. Andrews, UK

2008

- The 2008 Dodgen Lecturer: Mississippi Academy of Sciences, Olive Branch, MS
- Keynote Speaker: Biology Leadership Conference, Ilse of Palms, SC
- Keynote Speaker: Southeast Nerve Net Conference, Atlanta, GA
- Keynote Speaker: NIGMS Institutional Research & Academic Career Development Awards Conference, UNC Chapel Hill, NC
- The 2008 Martinez-Townsel Endowed Lecturer, MBL, Cold Spring Harbor, MA
- Friday Evening Lecturer, MBL, Cold Spring Harbor, MA
- Presidential Symp Lecturer: Society for Behavioral Neuroendocrinology, Groningen, Netherlands
- FENS Symposium Speaker: Developing and Wiring the Brain, Geneva, Switzerland
- Plenary Lecturer: 11th RCMI Symposium on Health Disparities, Honolulu, Hawaii

2009

- Keynote Lecturer: Annual Neonatal-Perinatal Research Conference, Duke University, NC
- National Academy of Science (NAS) Evolution of Medicine Lecturer, Celebrating Darwin's 200th Birthday, Washington, DC
- New Scientist's Magazine Keynote: 1st NYC Minority Graduate Student Network conference, NYU Langone Medical Center, New York, NY
- Keynote Speaker: Neonatal Perinatal Institute Annual Lecture, Duke University, Durham, NC.
- Keynote Speaker: HHMI summer EXROP conference, Chevy Chase, MD
- Keynote Speaker: NC Triangle Area HHMI Alumni Conference, Durham, NC.
- 200th Birthday Celebration Lecture. Darwin's Evolution, Swedish Museum of Natural History, Stockholm, Sweden
- Keynote Speaker: AUDUBON North Carolina Statewide Conference, Durham, NC.
- Keynote Speaker: American Ornithology Union Conference, University of Pennsylvania, PA
- Barack Distinguished Lecturer: University of Vermont, Burlington, VT
- Invited symposium lecturer, Darwin and Brain Evolution, Society for Neuroscience, Chicago, IL
- World Science Festival Speaker: Avian Einstein's, New York University, NY

2010

- 1st USA Science and Engineering Festival, Meet the Scientist, Washington, DC
- Scientist Role Model. Science Makers, African Americans in Science, Chicago, IL.

- Plenary Speaker: Roche 454 Sequencing Corp. North American Users Group Meeting. Providence, RI.
- Symposium Speaker: Neuroethology Congress, Salamanca, Spain.
- Plenary Speaker: 11th Science of Aphasia Conference, Potsdam, Germany.
- Symposium Speaker: NIH symposium, 25th Anniversary of OLAW "Animal Welfare and Scientific Research, Bethesda, MD.
- The 2011 Distinguished Role Model in Life Sciences Lecturer, Northwestern University, Chicago, IL.

2011

- Roche 454 Sponsored Speaker: Plant and Animal Genome Meeting, San Diego, CA
- University-Wide Keynote Speaker: Morris College Science in Action Week, Sumter, SC.
- The 2011 Karlovitz Memorial Lecturer: Georgia Institute of Technology, Atlanta, GA.
- The 2011 Juanita Greer White Memorial Lecturer: University Nevada, Las Vegas, NV
- The 2011 Schmidt-Nielson Memorial Lecture: Duke University, Durham, NC
- Keynote Speaker: North Carolina High School Science Festival, Durham, NC
- Keynote Speaker: Annual Baylor Graduate School of Biomedicine Symposium, Houston, TX
- Symposium Speaker: 30th Anniversary Scholars in Neuroscience Symposium, Society for Neuroscience, Washington, DC.

2012

- The 2012 Isabelle Sprague Lecturer: Mt Holyoke College, South Hadley, MA
- NIH Director's Wednesday Afternoon Lecture Series, Bethesda, MD
- Keynote Lecturer: Pacific Rim Brain and Evolution Science Conference, Tokyo, Japan
- Plenary Lecture: Biennial Symposium on Brain and Mind in the Asia and Pacific, Tokyo, Japan.
- Keynote Lecturer: Avian Systems Biology Conference, Nagoya, Japan
- Distinguished Neuroscience Lecturer: University Texas, San Antonio, TX
- Keynote Lecture: Duke Bouchet Society Black Tie Dinner, Durham, NC

2013

- The 2013 Curtis L. Parker Lecturer: Morehouse School of Medicine, Atlanta, GA
- Symposium Speaker: AAAS meeting, Language Organ, Boston, MA
- Keynote Speaker: Graduate Student Symposium, University Maryland Baltimore County, MD
- Congressional Hearing Lecture: Diversity in Science, Washington, DC
- Keynote Speaker: SPIRE Summer Research Program, University North Carolina, NC.
- Symposium speaker: 20th Anniversary of Institute Symposium, Networks in the Nervous System, National Autonomous University of Mexico, Queretaro, Mexico.

2014

- Featured Speaker: USA Science & Engineering Festival Nifty Fifty Event, Woodrow Wilson High School, Washington DC
- Commencement Speaker: University of Texas San Antonio's Medical Center graduate student graduation, San Antonio, TX
- Public Lecture: Ensembl Science Public Lecture Day, Wellcome Trust, Hinxton, UK
- Keynote speaker: Ultrasonic Communication in Rodents Meeting, Tokyo, Japan
- Distinguished lecturer: 126th International Ornithological Congress, Tokyo, Japan
- Brain & Behavior Distinguished Lecture Series, Georgia State University, Atlanta, GA
- New Horizons in Science Speaker: Shaking the bird family tree, ScienceWriters Conference, Columbus, OH.
- Symposium Lecture: Evolution of Nervous Systems, Society for Neuroscience, Washington, DC
- Smithsonian Lecture for Opening Ceremony of Institute of Biodiversity Genomics, and Special avian genomes issue in *Science* magazine, Washington, DC

2015

- Plenary Lecture: Advances in Genome Biology & Technology Conference (AGBT), Marco, FL
- Distinguished Fellow SAGE Speaker: SAGE Center for the Study of the Mind, University of California, Santa Barbara, CA
- Keynote Speaker: University of Alabama 1st NEURAL conference, Birmingham, AL
- Symposium Speaker: 3rd Annual Cracking the Neural Code Symposium, Stanford, CA

- Sharon Silbiger Lecture Award: Albert Einstein College of Medicine, New York, NY
- Theodosia Hamilton Hadley memorial lecturer award: Western Michigan University, MI
- Ernest Everett Just Lecture Award: American Society For Cell Biology, San Diego, CA
- Donders Lecturer: Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands

2016

- Plenary Lecturer: Plant & Animal Genome Meeting, San Diego, CA
- Martin Luther King Jr. Lecturer: Virginia Tech, Blacksburg, VA
- Plenary Speaker: Evolution of Language conference, New Orleans, LA
- Dean's Award Lecture in Neuroscience, LSU Medical School, New Orleans, LA
- Keynote Speaker: Avian Model Systems conference, Taipei, Taiwan (sponsor Academia Sinica)
- Ed Arbus memorial lecturer: University of Arizona, Tucson, AZ
- Symposium in my honor: Seoul National University, South Korea.
- Mt Sinai Friedman Lecture Award: Mt Sinai University, New York, NY

2017

- Plenary Lecture: Earth Global Biodiversity Conference, Smithsonian, Washington, DC
- Plenary Lecture: IEEE Aerospace Conference, Big Sky, Montana.
- Keynote: Geneseo State University GREAT Day. Jack & Carol Kramer Endowed Lectureship
- Plenary Lecture, Society for Biological Psychiatry, San Diego
- Konishi Endowed Lecturer, Marine Biological Labs', Woods Hole, MA
- Presidential Lecture: Brown University– Thinking out Loud, Providence, RI
- Presidential Lecture: Society for Neuroscience, Washington DC

2018

- Harvey Society Lecturer, NY
- Rockefeller University Friday Lecturer, NY
- Keynote Lecture, International Avian Model Systems Conference, Institut Pasteur, Paris, France
- Plenary Speaker, Annual Biomed Res Conf for minority Students (ABRCMS), Indianapolis, IN
- Symposium Speaker, NIMH Neurodevelopment Conference, Bethesda, MD
- Distinguished Lecturer, UCLA Brain Institute 30th Annual Neuroscience Conference, CA

2019

- NYU School of Medicine Honors Lecturer, NY
- Keynote speaker, Hunter College's Undergraduate STEM Research Conference, NY
- The 2019 Gavin Lecture Awardee in Cell and Molecular Biology, Brooklyn College, NY
- The 2019 Morgan Science Lecture, university-wide, Appalachian State University, Boone, NC
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2020

- Allen Institute for Brain Science Distinguished Lecture, Seattle, WA
- Netflix series "Babies", Episode 4, "First Words"
- Keynote Lecture, Leiden Pacific Biosciences Conference, recorded online because of COVID-19
- Keynote Lecture, Telomere-to-Telomere (T2T) Genome Workshop, online
- Plenary Lecture, Human Pangenome Reference Consortium, online
- Plenary Lecture, Biodiversity Genomics 2020 meeting, online
- Black Brain and Behavioral Scientists Webinar, online
- Science Rules with Bill Nye, Episode 46, How We Humans Got our Voices
- Marine Biological Labs Friday Lecture Series, On Evolution of Language, online
- Bodies at Risk, UMASS, conversation with Larissa FastHorse & Erich Jarvis, Arts & Science, online

2021

- Plenary Lecture, H3Africa, Annual meeting, online
- Plenary 2021 CUNY commencement speech Biology PhDs, NIH BRAIN Initiative Investigators Meeting, online
- Keynote Lecture, Cognitive Science Society
- 50th Anniversary celebration lecture for the Society for Neuroscience

- Keynote Lecture, Society for the Neurobiology of Language
- Keynote Lecture, Stanford, Berkley, UCSF Next Generation Lecturers
- NIH OBSSR Director's Webinar Series
- 2021 CUNY commencement speech Biology PhDs
- Keynote Lecture, Cognitive Science Society
- Plenary, NIH Brain Initiative Investigators Meeting
- Iowa City Darwin Day Lecture

2022

- Penn State Russell E. Marker Lecture in Biology 2022, PA
- Monday Lecture Series, The Rockefeller University, NY
- Tracy and Ruth Storer Lecture 2022, UC Davis, CA
- Distinguished John H. Blaffer Seminar, MD Anderson Cancer Center, TX
- Keynote Lecture, 10th Aquatic Models For Human Diseases Conference
- Thomas Hunt Morgan Lecture 2022, University of Kentucky, KY
- Tyron Lecture 2022, UC Berkeley, CA
- Warder Clyde Allee Endowed Lecturer, University of Chicago

2023

- Keynote Lecture, The Biology of Genomes, Cold Spring Harbor Labs, NY
- Keynote Lecture, Advancing Anti-racist Practices in Genomics Symposium, UCSC, CA
- Keynote Lecture, McKnight Conference on Neuroscience, Aspen, CO
- Marshall W. Nirenberg Lecture, NIH Director's Wednesday Afternoon Lecture Series
- Spring Program for Benefactors and Friends, Hardwired for Dance and Song, Rockefeller Univ.

2024

- Keynote Lecture, Pacific Biosciences Annual Company Symposium, Austin, TX
- Bohemian Grove Science Lecture, Bohemian Grove, California
- Simons Foundation STEM Life Experience, New York, NY
- Keynote Lecture, AfricaBP Genome Conference, Pretoria, South Africa

WEB SITES
Jarvis Lab: http://www.jarvislab.net/
Avian phylogenomics: http://avian.genomics.cn/en/index.html
B10K bird all 10,000 genomes project: http://b10k.genomics.cn
G10K vertebrate 10,000 genomes project: https://genome10k.soe.ucsc.edu
Vertebrate Genomes Project: https://vertebrategenomesproject.org/
GenomeArk: https://vgp.github.io/genomeark/
Human Pangenome Project: https://humanpangenome.org/

PUBLICATIONS
Peer-reviewed publications: pdfs can be found at https://www.jarvislab.net/publications
Google scholar list of publications: https://scholar.google.com/citations?user=cI-fi9MAAAAJ&hl=en

Publications from undergraduate research

1. Lafauci G, Widom RL, Eisner R, **Jarvis ED,** Rudner R. Mapping of rRNA genes with integrable plasmids in *Bacillus subtilis*. ***J. Bacteriol***. 165:204-214 (1986).

2. Widom RL, **Jarvis ED**, LaFauci G, Rudner R. Instability of rRNA operons in *Bacillus subtilis*. ***J. Bacteriol.*** 170:605-610 (1988).

3. **Jarvis ED**, Widom R, LaFauci G, Setoguchi Y, Richter IR, Rudner R. Chromosomal Organizations of rRNA operons in Bacillus subtilis. ***Genetics*** 120:625-635 (1988).

4. Rudner R, **Jarvis ED**, Widom RL. Chromosomal organization and spontaneous deletions of rrn operons in *Bacillus subtilis*. In: Genetics and Biotechnology of Bacilli Vol 2. JA Hoch, AT Ganesan (eds). Academic Press, San Diego. pp. 115-120 (1988).

5. **Jarvis ED**, Cheng S, Rudner R. Genetic structure and DNA sequences at junctions involved in the rearrangements of *Bacillus subtilis* strains carrying the *trpE26* mutation. ***Genetics*** 126:785-797 (1990).

6. Rivas MV, **Jarvis ED**, Rudner R. The structure of the *trpE*, *trpD* and 5' *trpC* genes of *Bacillus pumilus*. ***Gene*** 87:71-78 (1990).

7. Rudner R, Severestt A, Buchholz S, Studamire B, White AM, **Jarvis ED**. Two tRNA gene clusters associated with ribosomal RNA operons *rrnD* and *rrnE* in *Bacillus subtilis*. ***J. Bacteriol.*** 175:503-509 (1993).

8. Rudner R, Studamire B, **Jarvis ED**. Determination of restriction fragment length polymorphisms in bacteria using ribosomal RNA genes. ***Methods in Enzymology*** 235:184-196 (1994).

Publications from graduate research

9. **Jarvis ED**, Mello CV, Nottebohm F. Associative learning and stimulus novelty influence the song-induced expression of an immediate early gene in the canary forebrain. ***Learning & Memory*** 2:62-80 (1995). *Cited by the journal as one of the top 10 articles of the year.*

10. Chew SJ, Mello CV, Nottebohm F, **Jarvis ED**, Vicario D. Decrements in auditory responses to a repeated conspecific song are long-lasting and require two periods of protein synthesis in the songbird forebrain. ***Proc. Natl. Acad. Sci.*** 92:3406-3410 (1995).

11. Rivas M, **Jarvis ED**, Morisaki S, Carbonado H, Gottlieb AB, Krueger J. Identification of aberrantly regulated genes in diseased skin using the cDNA differential display technique. ***J. Invest. Derm.*** 108:188-194 (1997).

Publications from postdoctoral research

12. **Jarvis ED**, Nottebohm F. Motor-driven gene expression. ***Proc. Natl. Acad. Sci. USA*** 94:4097-4102 (1997).

13. **Jarvis ED**, Schawbl H, Ribeiro S, Mello CV. Brain gene regulation by territorial singing behavior in freely ranging songbirds. ***Neuroreport*** 8:2073-2077 (1997).

14. Holzenberger M, **Jarvis ED**, Chong C, Grossman M, Nottebohm F, Scharff C. Selective expression of insulin-like growth factor II in the songbird brain. ***J. Neurosci.*** 17:6974-6987 (1997).

15. Mello CV, **Jarvis ED**, Denisenko N, Rivas M. Isolation of song-regulated genes in the brain of songbirds. In: Methods in Molecular Biology, Differential Display Methods and Protocols. Liang P, Pardee AB (eds), Humana Press, NJ. 85:205-217 (1997).

16. **Jarvis ED**, Scharff C, Grossman M, Ramos JA, Nottebohm F. For whom the bird sings: context-dependent gene expression. ***Neuron*** 21:775-788 (1998). *News and views in Neuron, by M. Schmidt.*

17. Rudner R, Martsinkevich O, Leung W, **Jarvis ED**. Classification and genetic characterization of pattern forming Bacilli. ***Molec. Microbio.*** 27:687-703 (1998).

18. Rudner R, **Jarvis ED.** Bacterial Pattern Formation: Letter to the Editors. ***Scientific American***. Feb, (1999). *A commentary*

19. Mello CV, **Jarvis ED.** Applying differential display to brain research. In: Techniques for Behavioral and Neural Sciences. Crusio WE, Gerlai RT (eds). Elsevier Science, Netherlands, Amsterdam. 13:200-211 (1999).

20. Krebs CJ, **Jarvis ED**, Pfaff DW. The 70 kDa heat shock cognate protein (Hsc73) gene is enhanced by ovarian hormones in the ventromedial hypothalamus. ***Proc. Natl. Acad. Sci. USA*** 96:1686-1691 (1999).

21. Krebs CJ, **Jarvis ED**, Chan J, Lydon JP, Ogawa S, Pfaff DW. A membrane-associated progesterone-binding protein, 25-Dx, is regulated by progesterone in brain regions involved in female reproductive behaviors. ***Proc. Natl. Acad. Sci.*** 97:12816-12821 (2000).

22. Li XC, **Jarvis ED**, Alvarez-Bordo B, Lim D, Nottebohm F. A relation between behavior, neurotrophin expression and neuronal survival. ***Proc. Natl. Acad. Sci. USA*** 97:8584-8589 (2000).

23. **Jarvis ED,** Mello CV. Molecular mapping of brain areas involved in parrot vocal communication. ***J. Comp. Neurol.*** 419:1-31 (2000). ***Cover photo.***

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Publications from Assistant Professor research at Duke

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