

CURRICULUM VITAE

NAME: Jerilyn A. Walker

BIRTHPLACE: Marathon, New York

BIRTHDATE: April 27, 1965

MARITAL STATUS: Widow: Wayne (Tony) Latiolais
July 1, 2000 – March 21, 2024

ADDRESS:

OFFICE:

Batzer Laboratory of Comparative Genomics
Department of Biological Sciences
Louisiana State University
202 Life Sciences Building
Baton Rouge, LA 70803
Tel: (225) 578-7103
E-mail: jwalker@lsu.edu
Website: [Batzer Laboratory of Comparative Genomics \(lsu.edu\)](http://Batzer Laboratory of Comparative Genomics (lsu.edu))

Home:

1149C Henderson Hwy.
Breaux Bridge, LA 70517
Tel: (337) 228-2777
Mobile: (337) 288-0078
jwalker017@cox.net

EDUCATION

MASTER OF SCIENCE – Exercise Science - State University of New York at Buffalo
Department of Physical Therapy & Exercise Science, 1990.

BACHELOR OF SCIENCE - State University of New York at Cortland
Major: Physical Education; minor: Biology, 1987.

PROFESSIONAL EMPLOYMENT

RESEARCH ASSOCIATE – Batzer Laboratory of Comparative Genomics, Department of Biological Sciences, Louisiana State University, Baton Rouge, LA 70803.
Staff Scientist / Lab Manager for Dr. Mark A. Batzer, LSU Boyd Professor.
Coordinate laboratory operations, projects, supplies, grant funding and students.
05/2001 – Retirement 2026

RESEARCH ASSOCIATE – Department of Pathology, Louisiana State University Health Sciences Center, New Orleans, LA 70112, Laboratory of Professor Mark A. Batzer.
PCR analysis of *Alu* mobile elements in human genomes and coordinate the move of the laboratory to LSU in Baton Rouge.
02/2001 – 04/2001

RESEARCH ASSOCIATE - Developmental Genetics Laboratory - Pennington Biomedical Research Center, Louisiana State University. Baton Rouge, LA 70808.
Genetic testing of laboratory rodents; manage genetic crosses; perform tissue dissection, DNA and RNA isolation, genotype by PCR, gel electrophoresis, ELISA and SNPs; gene mapping; gene expression analysis; supervise student assistants.
07/1993 – 01/2001

RESEARCH ASSISTANT - Muscle Function / Microcirculation Laboratory - University of Buffalo Research Foundation, Buffalo, NY 14214.

Conduct in-vivo video-microscopy experiments, perform surgery and skeletal muscle autographs on laboratory rodents, coordinate projects, write manuscripts, manage grant funding, teach undergraduate students.

09/1990 - 07/1993

TEACHING ASSISTANT – Department of Physical Therapy / Exercise Science, University of Buffalo, Buffalo, NY 14214. 09/1988 – 08/1990

CONSULTANT - Fitness Risk Management, Inc. Denver, CO.

Served the Buffalo, NY and southern Louisiana regions: Performed onsite safety inspections of local fitness facilities, interview representatives, submit written reports and recommendations to the Denver office.

12/1991 - 12/1993

ASSISTANT COORDINATOR AND FINANCIAL RECORDS MANAGER

University Housing / Residence Life Summer Conferences, University of Buffalo, NY.

Organize conference check-in / out, public relations, manage remittance and distribution of revenue (over \$200,000 each year).

09/1987 - 09/1989

PATENTS

Patents in the United States Patent and Trademark Office:

- 1) Title: MULTIPLEX PCR FOR SIMULTANEOUS QUANTITATION OF HUMAN NUCLEAR, MITOCHONDRIAL, AND MALE Y-CHROMOSOME DNA
Authors: **Jerilyn A. Walker**, Dale J. Hedges, Jaiprakash G. Shewale, Sudhir K. Sinha and Mark A. Batzer Patent Number: 7,405,044 Issued July 29, 2008.
Licensed to InnoGenomics Technologies, LLC (Life Genetics Lab, LLC).
- 2) Title: ASSAY FOR QUANTITATION OF HUMAN DNA USING *ALU* ELEMENTS
Authors: Sudhir K. Sinha, Mark A. Batzer, **Jerilyn A. Walker**
Patent Number: 7,537,889 b2 Issued May 26, 2009
Licensed to InnoGenomics Technologies, LLC (Life Genetics Lab, LLC).
- 3) Title: ASSAY FOR SPECIES SOURCES (part I)
Authors: Sudhir K. Sinha, Jaiprakash G. Shewale, Mark A. Batzer, **Jerilyn A. Walker**
Patent Number: 7,582,452 B2 Issued September 1, 2009
Licensed to InnoGenomics Technologies, LLC (Life Genetics Lab, LLC).
- 4) Title: ASSAY FOR SPECIES SOURCES (part II)
Authors: Sudhir K. Sinha, Jaiprakash G. Shewale, Mark A. Batzer, **Jerilyn A. Walker**
Patent Number: 7,927,841 Issued April 19, 2011
Licensed to InnoGenomics Technologies, LLC (Life Genetics Lab, LLC).

HONORS, AWARDS AND SERVICE

- Reviewer (*ad hoc*) for BMC Genetics, 2019- present
- Reviewer (*ad hoc*) for PLoS ONE, 2009- present
- Reviewer (*ad hoc*) for Analytical Biochemistry, 2006-present
- Reviewer (*ad hoc*) for GENE, 2007-present
- Graduate Teaching Assistantship: University of Buffalo. 1989 -1990.
- Graduate Student Association: Departmental President 1989-1990.
- Graduate Student Association: Departmental Treasurer 1988-1989.
- Residence Hall Mailroom Manager: State University of New York at Cortland, 1987.
- Residence Hall Advisor: State University of New York at Cortland, 1984-1986.
- Member: Cortland State Field Hockey Team, NCAA Division III, 1983.
- New York State Regent's Scholarship: 1983-1987.

SCIENTIFIC PRESENTATIONS

- Technical Support Working Group quarterly reviews (US Department of Defense)
 - Illinois State Police, Chicago, IL, June, 2003.
 - National Institute of Justice, Washington, DC, November 2003.
 - National Center for Forensic Science, Orlando, FL, March 2004.
 - Technical Support Working Group, Arlington, VA, August 2004.
 - Technical Support Working Group, Arlington, VA, December 2004.
 - Illinois State Police, Chicago, IL, July 2005.
 - Illinois State Police, Chicago, IL, February 2006.
- Fifteenth International Symposium on Human Identification, Phoenix, AZ. 2004.
- Federation of Experimental Biology Meeting. New Orleans, LA. 1997.
- Federation of Experimental Biology Meeting. Atlanta, GA. 1996.
- Meeting of the American Physiological Society. Colorado Springs, CO. 1992.
- American College of Sports Medicine. Orlando, FL. 1992.
- 5th World Congress for Microcirculation. Louisville, KY. 1991.
- Invited Guest Speaker: McMaster University. Hamilton Ontario, Canada. 1991.

PUBLICATIONS (Selected peer-reviewed publications in chronological order). **h-index: 38**

* denotes equal first authorship. ‡ denotes equal senior authors

1. **Walker, J. A.**, F. J. Cerny, J. R. Cotter, and H. W. Burton (1992) Attenuation of contraction-induced skeletal muscle injury by bromelain. *Medicine and Science in Sports and Exercise* **24**: 20-25. PMID: 1548991.
2. Burton, H. W. and **J. A. Walker** (1994) Delayed recovery of endothelium-Dependent vasodilation in regenerating arterioles of skeletal muscle autografts. *Microvascular Research* **48**: 85-95. PMID: 7990725

3. Truett, G. E., R. J. Tempelman, and **J. A. Walker** (1995) Codominant effects of the fatty (fa) gene during early development of obesity. *American Journal of Physiology* [Endocrinol: Metab.31] **268**: E15-E20. PMID: 7840172
4. Truett, G. E., J. W. Brock, and **J. A. Walker** (1996) A rat homolog for the mouse deafness mutant jerker (je). *Mammalian Genome* **7**: 356-358. PMID: 8661723
5. **Walker, J. A.** and G. E. Truett (1997) An assay for the Cpe^{fat} obesity mutation created with a modified primer. *Mammalian Genome* **8**: 783-784. PMID: 9321478
6. Truett, G. E., R. J. Tempelman, **J. A. Walker**, and J. K. Wilson (1998) Misty (m) affects growth traits. *American Journal of Physiology* [Regulatory Integrative Comp. Physiol. 44] **275**: R29-R32. PMID: 9688956
7. Truett, G. E., **J. A. Walker**, J. B. Wilson, S. M. Redmann, Jr., R. T. Tulley, G. R. Eckardt, G. S. Plastow, and M. Lefevre (1998) ELISA detection of restriction site polymorphisms in the pig ryanodine receptor locus. *Mammalian Genome* **9**: 629-632. PMID: 9680382
8. Truett, G. E., **J. A. Walker**, and D. G. Baker (2000) Eradication of infection with Helicobacter spp. by use of neonatal transfer. *Comparative Medicine* **50**: 444-451. PMID: 11020165
9. Truett, G. E., P. Heeger, R. L. Mynatt, A. A. Truett, **J. A. Walker**, and M. L. Warman (2000) Preparation of PCR-quality mouse genomic DNA with hot sodium hydroxide and tris (HotSHOT). *Biotechniques* **29**: 52-54. PMID: 10907076
10. Truett, G. E., **J. A. Walker**, and R. B. S. Harris (2000) A developmental switch affecting growth of fatty rats. *American Journal of Physiology* [Regulatory Integrative Comp. Physiol.] **279**: R1956-R1963. PMID: 11080058
11. Hedges, D. J., **J. A. Walker**, P. A. Callinan, J. G. Shewale, S. K. Sinha and M. A. Batzer (2003) Mobile element-based assay for human gender determination. *Analytical Biochemistry* **312**: 77-79. PMID: 12479838
12. Watkins, W. S., A. R. Rogers, C. T. Ostler, M. J. Bamshad, A.-M. E. Brassington, M. L. Carroll, S. V. Nguyen, **J. A. Walker**, M. A. Batzer and L. B. Jorde (2003) Genetic variation among world populations using 100 *Alu* insertion polymorphisms. *Genome Research*. **13**: 1607-1618. PMID: 12805277
13. **Walker, J. A.**, G. E. Kilroy, J. Xing, J. Shewale, S. Sinha, and M. A. Batzer (2003) Human DNA quantitation using *Alu* element based PCR. *Analytical Biochemistry* **315**: 122-128. PMID: 12672420
14. **Walker, J. A.**, D. A. Hughes, B. A. Anders, J. Shewale, S. Sinha, and M. A. Batzer (2003) Quantitative intra-short interspersed element PCR for species-specific DNA identification. *Analytical Biochemistry* **316**: 259-269. PMID: 12711348
15. Vincent, B. J. , J. S. Myers, H. J. Ho, G. E. Kilroy, **J. A. Walker**, W. S. Watkins, L. B. Jorde and M. A. Batzer (2003) Following the LINEs: an Analysis of Primate Genomic Variation at Human-specific LINE-1 insertion sites. *Molecular Biology and Evolution* **20**: 1338-1348. PMID: 12777507

16. Callinan, P. A.* , D. J. Hedges*, A.-H. Salem, J. Xing, **J. A. Walker**, R. K. Garber, W. S. Watkins, M. J. Bamshad, L. B. Jorde and M. A. Batzer (2003) Comprehensive analysis of *Alu* associated diversity on the human sex chromosomes. *Gene* **317**: 103-110. PMID: 14604797
17. **Walker, J. A.**, R. K. Garber, G. E. Kilroy, D. Hedges, J. Xing and M. A. Batzer (2004) Resolution of mixed human DNA samples using mtDNA sequence variants. *Analytical Biochemistry* **325**: 171-173. PMID: 14715300
18. **Walker, J. A.**, D. A. Hughes, D. J. Hedges, B. A. Anders, M. E. Laborde, J. G. Shewale, S. K. Sinha and M. A. Batzer (2004) Quantitative PCR for DNA identification based on genome specific interspersed repetitive elements. *Genomics* **83**: 518-527. PMID: 14962678
19. Carter, A. B. * , A.-H. Salem,* , D. J. Hedges, C. Nguyen Keegan, B. Kimball , **J. A. Walker**, W. S. Watkins, L. B. Jorde and M. A. Batzer (2004) Genome wide analysis of the human *Alu* Yb lineage. *Human Genomics* **1**:167-178. PMID: 15588477
20. Otieno, A. C.* , A. B. Carter * , D. J. Hedges, **J. A. Walker**, D. A. Ray, R. K. Garber, B. A. Anders, N. Stoilova, M. E. Laborde, J. D. Fowlkes, C. H. Huang, B. Perodeau and M. A. Batzer (2004) Analysis of the human *Alu* Ya-lineage. *Journal of Molecular Biology* **342**:109-118. PMID: 15313610
21. **Walker, J. A.**, D. J. Hedges, B. P. Perodeau, K. E. Landry, N. Stoilova, M. E. Laborde, J. Shewale, S. K. Sinha and M. A. Batzer (2005) Multiplex PCR for simultaneous quantitation of human nuclear, mitochondrial, and male Y-chromosome DNA: Application in human identification. *Analytical Biochemistry* **337**:89-97. PMID: 15649380
22. Ray, D. A., **J. A. Walker**, A. Hall, B. Llewellyn, J. Ballantyne, A. T. Christian, K. Turtletaub and M. A. Batzer (2005) Inference of human geographic origins using *Alu* insertion polymorphisms. *Forensic Science International* **153**:117-124. PMID: 16139099
23. Wang, H.* , J. Xing* , D. Grover* , D. J. Hedges, K. Han, **J. A. Walker** and M. A. Batzer (2005) *SVA elements: a hominid specific retroposon family*. *Journal of Molecular Biology* **354**:994-1007. PMID: 16288912
24. Ray D. A.* , **J. A. Walker*** and M. A. Batzer (2007) Mobile element based forensic genomics. *Mutation Research* **616**:24-33. PMID: 17161440
25. Shewale, J. G., E. Schneida, J. Wilson, **J. A. Walker**, M. A. Batzer and S. K. Sinha (2007) Human genomic DNA quantitation system, H-Quant: Development and validation for use in forensic casework. *Journal of Forensic Sciences* **52**:364-370. PMID: 17316233
26. Mikkelsen T. S., B. Aken, C. T. Amemiya, J. L. Chang, S. Duke, M. Garber, A. J. Gentles, L. Goodstadt, A. Heger, J. Jurka, M. Kamal, E. Mauceli, S. M. J. Searle, T. Sharpe, M. L. Baker, M. A. Batzer, P. V. Benos, K. Belov, M. Clamp, A. Cook, J. Cuff, R. Das, J. E. Deakin, M. Grabherr, J. M. Grealley, W. Gu, R. L. Jirtle, S. Mahony, M. A. Marra, R. D. Miller, R. D. Nicholls, A. T. Papenfuss, Z. E. Parra, D. D. Pollock, D. A. Ray, J. E. Schein, T. P. Speed, J. L. VandeBerg, M. J. Wakefield, C. M. Wade, **J. A. Walker**, C. Webber, J. R. Weidman, X. Xie, M. C. Zody, Broad Institute Genome Sequencing Platform, Broad Institute Whole Genome Assembly Team, J. A. Marshall Graves, C. P. Ponting, M. Breen, P. B. Samollow, E. S. Lander and K. Lindblad-Toh (2007) Genome of the marsupial *Monodelphis domestica* reveals innovation in non-coding sequences. *Nature* **447**: 167-178

[cover article]. PMID: 17495919

27. Gu, W.*, D. A. Ray*, **J. A. Walker**, E. Barnes, A. J. Gentles, P. B. Samollow, J. Jurka, M. A. Batzer‡ and D. D. Pollock‡ (2007) SINEs, evolution and genomic structure in the opossum. *Gene* **396**: 46-58. PMID: 17442506
28. Warren W. C., L. W. Hillier, J. A. Marshall Graves, E. Birney, C. P. Ponting, F. Grützner, K. Belov, W. Miller, L. Clarke, A. T. Chinwalla, S.-P. Yang, A. Heger, D. P. Locke, P. Miethke, P. D. Waters, F. Veyrunes, L. Fulton, B. Fulton, T. Graves, J. Wallis, X. S. Puente, C. López-Otín, G. R. Ordóñez, E. E. Eichler, L. Chen, Z. Cheng, J. E. Deakin, A. Alsop, K. Thompson, P. Kirby, A. T. Papenfuss, M. J. Wakefield, T. Olender, D. Lancet, G. A. Huttley, A. F. A. Smit, A. Pask, P. Temple-Smith, M. A. Batzer, **J. A. Walker**, M. K. Konkel, R. S. Harris, C. M. Whittington, E. S. W. Wong, N. J. Gemmell, E. Buschiazzo, I. M. Vargas Jentsch, A. Merkel, J. Schmitz, A. Zemmann, G. Churakov, J. O. Kriegs, J. Brosius, E. P. Murchison, R. Sachidanandam, C. Smith, G. J. Hannon, E. Tsend-Ayush, D. McMillan, R. Attenborough, W. Rens, M. Ferguson-Smith, C. M. Lefèvre, J. A. Sharp, K. R. Nicholas, D. A. Ray, M. Kube, R. Reinhard, T. H. Pringle, J. Taylor, R. C. Jones, B. Nixon, J.-L. Dacheux, H. Niwa, Y. Sekita, X. Huang, A. Stark, P. Kheradpour, P. Flicek, Y. Chen, C. Webber, R. Hardison, J. Nelson, K. Hallsworth-Pepin, K. Delehaunty, C. Markovic, P. Minx, Y. Feng, C. Kremitzki, M. Mitreva, J. Glasscock, P. Wohldmann, P. Thiru, M. N. Nhan, C. S. Pohl, S. M. Smith, S. Hou, M. Nefedov, P. J. deJong, M. B. Renfree, E. R. Mardis and R. K. Wilson (2008) Genome analysis of the platypus reveals unique signatures of evolution. *Nature* **452**: 175-183 [cover article]. PMID: 18464734
29. Ray, D. A., K. Han, **J. A. Walker** and M. A. Batzer (2010) Laboratory methods for the analysis of primate mobile elements. In "Methods in Molecular Biology - Genetic Variation Edition", M. R. Barnes and G. Breen (Eds.), Humana Press Inc., Totowa, NJ 628: 153-79 PMID: PMC2880178. PMID: 20238081
30. Warren, W. C., D. F. Clayton, H. Ellegren, A. P. Arnold, L. W. Hillier, A. Kunstner, S. Searle, S. White, A. J. Vilella, S. Fairley, A. Heger, L. Kong, C. P. Ponting, E. Jarvis, C. V. Mello, P. Minx, S.-P. Yang, P. Lovell, T. A. F. Velho, M. Ferris, C. N. Balakrishnan, S. Sinha, C. Blatti, S. E. London, Y. Li, Y.-C. Lin, J. George, J. Sweedler, B. Southey, P. Gunaratne, M. Watson, K. Nam, N. Backstrom, L. Smeds, B. Nabholz, Y. Itoh, J. Howard, A. R. Pfenning, O. Whitney, M. Völker, B. M. Skinner, D. K. Griffin, L. Ye, P. Flicek, V. Quesada, G. Velasco, C. Lopez-Otin, X. S. Puente, T. Olender, D. Lancet, A. F. A. Smit, R. Hubley, M. K. Konkel, **J. A. Walker**, M. A. Batzer, W. Gu, D. D. Pollock, L. Chen, Z. Cheng, E. E. Eichler, J. Stapley, J. Slate, R. Ekblom, T. Birkhead, T. Burke, D. Burt, C. Scharff, I. Adam, H. Richard, M. Sultan, A. Soldatov, H. Lehrach, S. Edwards, S.-P. Yang, T. Graves, L. Fulton, J. Nelson, A. Chinwalla, S. Hou, E. R. Mardis and R. K. Wilson (2010) The genome of a songbird. *Nature* **464**: 757-762. PMID: 20360741
31. Jazwinski, S. M., S. Kim, J. Dai¹, L. Li, X. Bi, J. C. Jiang, J. Arnold, M. A. Batzer, **J. A. Walker**, D. A. Welsh, C. M. Lefante, J. Volaufova, L. Myers, L. J. Su, D. B. Hausman, M. V. Miceli, E. Ravussin, L. W. Poon, K. E. Cherry and M. A. Welsch for the Georgia Centenarian Study and the Louisiana Healthy Aging Study (2010) HRAS1 and LASS1 with APOE are associated with human longevity and healthy aging. *Aging Cell*. **9**: 698-708. PMID: 20569235
32. The 1000 Genomes Project Consortium (2010) A map of human genome variation from population scale sequencing. *Nature* **467**: 1061-1073 [cover article]. PMID: 20981092

33. Konkel, M. K., **J. A. Walker** and M. A. Batzer (2010) LINEs and SINEs of primate evolution. *Evolutionary Anthropology*. **19** (6): 236-249. PMID: 25147443
34. Locke, D. P., L. W. Hillier, W. C. Warren, K. C. Worley, L. V. Nazareth, D. M. Muzny, S.-P. Yang, Z. Wang, A. T. Chinwalla, P. Minx, M. Mitreva, L. Cook, K. D. Delehaunty, C. Fronick, L. A. Fulton, R. S. Fulton, J. O. Nelson, V. Magrini, S. D. McGrath, C. Pohl, T. A. Graves, C. Markovic, A. Cree, H. H. Dinh, J. Hume, C. L. Kovar, G. R. Fowler, G. Lunter, S. Meader., A. Heger, C. P. Ponting, T. Marques-Bonet, C. Alkan, L. Chen, Z. Cheng, J. M. Kidd, E. E. Eichler, S. White, S. Searle, A. J. Vilella, P. Flicek, E. Birney, J. Ma, B. Raney, B. Suh, R. Burhans, J. Herrero, D. Haussler, R. Faria, O. Fernando, F. Darré, D. Farré, E. Gazave, M. Oliva, A. Navarro, R. Roberto, O. Capozzi, N. Archidiacono, G. D. Valle, S. Purgato, M. Rocchi, M. K. Konkel, **J. A. Walker**, B. Ullmer, M. A. Batzer, A. F. A. Smit, R. Hubley, C. Casola, D. R. Schrider, M. W. Hahn, V. Quesada, X. S. Puente, G. R. Ordoñez, C. López-Otín, T. Vinar, B. Brejova, A. Ratan, R. S. Harris, W. Miller, K. Prüfer, J. Kelso, B. Nickel, S. Pääbo, C. Kosiol, H. A. Lawson, V. Taliwal, A. L. Martins, A. Siepel, A. RoyChoudhury, X. Ma, J. Degenhardt, C. D. Bustamante, R. N. Gutenkunst, T. Mailund, J. Y. Dutheil, A. Hobolth, M. H. Schierup, L. Chemnick, O. A. Ryder, Y. Yoshinaga, P. J. de Jong, G. M. Weinstock, J. Rogers, E. R. Mardis, R. A. Gibbs and R. K. Wilson (2011) Comparative and demographic analysis of orangutan genomes. *Nature*. **469**: 529-533 [cover article]. PMID: 21270892
35. Mills, R. E., K. Walter, D. A. Stewart, R. Handsaker, K. Chen, C. Alkan, A. Abyzov, S. C. Yoon, R. K. Cheetham, A. Chinwalla, D. F. Conrad, Y. Fu, F. Grubert., I. Hajirasouliha, F. Hormozdiari, Z. Iqbal, J. M. Kidd, M. K. Konkel, J. Korn, E. Khurana, D. Kura, H. J. K. Lam, J. Leng, R. Li, Y. Li, C.-Y. Lin, R. Luo, X. J. Mu, J. Nemesh, H. E. Peckham, T. Rausch, A. Scally, X. Shi, M. P. Stromberg, A. M. Stutz, A. E. Urban, **J. A. Walker**, J. Wu, Y. Zhang, Z. Zhang, M. A. Batzer, L. Ding, G. T. Marth, G. McVean, J. Sebat, M. Snyder, J. Wang, K. Ye, K. Ye, E. E. Eichler, M. B. Gerstein, M. E. Hurles, C. Lee, S. A. McCarroll and J. O. Korb on behalf of the 1000 Genomes Project (2011) Mapping copy number variation by population-scale genome sequencing. *Nature*. **470**: 59-65. PMID: 21293372
36. Stewart, C.*, D. Kural*, M. P. Stromberg*, W. P. Lee, **J. A. Walker**, M. K. Konkel, A. M. Stutz, A. E. Urban, F. Grubert, H. Y. K. Lam, C Huff, J. Xing, L. B. Jorde, M. A. Batzer, J. O. Korb, G. T. Marth and the 1000 Genomes Project (2011) A comprehensive map of mobile element insertion polymorphisms in humans. *PLoS Genetics* **7**: e1002236. PMID: 21876680
37. Cook, G. W., M. K. Konkel, J. D. Major III, **J. A. Walker**, K. Han and M. A. Batzer (2011) *Alu* pair exclusions in the human genome. *Mobile DNA* **2**: 10. PMID: 21943335
38. **Walker, J. A.***, M. K. Konkel*, B. Ullmer, C. P. Monceaux, O. A. Ryder, R. Hubley, A. F. A. Smit and M. A. Batzer (2012) Orangutan *Alu* quiescence reveals possible source element: support for ancient backseat drivers. *Mobile DNA* **3**:8. PMID: 22541534
39. Carbone, L., R. A. Harris, A. R. Mootnick, A. Milosavljevic, D. I. K. Martin, M. Rocchi, O. Capozzi, N. Archidiacono, M. K. Konkel, **J. A. Walker**, M. A. Batzer and P. J. de Jong (2012) Centromere remodeling in *Hoolock leuconedys* (*Hylobatidae*) uncovers a new transposable element unique to the gibbons. *Genome Biology and Evolution* **4**: 648-658 [cover article]. PMID: 22593550
40. The 1000 Genomes Project Consortium (2012) An integrated map of genetic variation from 1,092 human genomes. *Nature* **491**: 56-65. PMID: 23128226

41. Cook, G. W., M. K. Konkel, **J. A. Walker**, M. G. Bourgeois, M. L. Fullerton, J. T. Fussell, H. D. Herbold and M. A. Batzer (2013) A comparison of 100 human genes using an *Alu* element-based instability model. *PLoS ONE* **8**: e65188. PMID: 23755193
42. Hormozdiari, F., M. K. Konkel, J. Prado-Martinez, G. Chiatante, I. H. Herraez, **J. A. Walker**, B. Nelson, C. Alkan, P. H. Sudmant, J. Huddleston, C. R. Catacchio, A. Ko, M. Malig, C. Baker, the Great Ape Genome Project, T. Marques-Bonet, M. Ventura, M. A. Batzer and E. E. Eichler (2013) Rates and patterns of great ape retrotransposition. *Proceedings of the National Academy of Sciences, USA* **110**:13457-13462. PMID: 23884656
43. Worley, K. C., et al. **The Marmoset Genome Sequencing and Analysis Consortium** (2014) The common marmoset genome provides insight into primate biology and evolution. *Nature Genetics* **46**: 850-857. PMID: 25038751
44. Carbone, L., R. A. Harris, S. Gnerre, K. R. Veeramah, B. Lorente-Galdos, J. Huddleston, T. J. Meyer, J. Herrero, C. Roos, B. Aken, F. Anaclerio, N. Archidiacono, C. Baker, D. Barrell, M. A. Batzer, K. Bea, A. Blancher, C. L. Bohrson, M. Brameier, M. S. Campbell, O. Capozzi, C. Casola, G. Chiatante, A. Cree, A. Damert, P. J. de Jong, L. Dumas, M. Fernandez-Callejo, P. Flicek, N. V. Fuchs, M. Gut, I. Gut, M. W. Hahn, J. Hernández-Rodríguez, L. Hillier, R. Hubley, B. Ianc, Z. Izsvák, N. G. Jablonski, L. Johnstone, A. Karimpour-Fard, M. K. Konkel, D. Kostka, N. H. Lazar, S. L. Lee, L. R. Lewis, Y. Liu, D. P. Locke, S. Mallick, F. L. Mendez, M. Muffato, L. Nazareth, K. A. Nevenon, M. O'Bleness, T. K. O'Connor, C. Ochis, D. T. Odom, K. S. Pollard, J. Quilez, D. Reich, M. Rocchi, G. G. Schumann, S. Searle, J. M. Sikela, G. Skollar, A. Smit, K. Sonmez, B. T. Hallers, E. Terhune, G. W.C. Thomas, B. Ullmer, M. Ventura, **J. A. Walker**, J. D. Wall, L. Walter, M. C. Ward, S. Wheelan, C. Whelan, L. J. Wilhelm, S. White, A. E. Woerner, M. Yandell, B. Zhu, M. Hammer, T. Marques-Bonet, E. E. Eichler, L. Fulton, C. Fronick, D. M. Muzny, W. C. Warren, K. C. Worley, J. Rogers, R. K. Wilson & R. A. Gibbs (2014) Gibbon genome and the fast karyotype evolution of small apes. *Nature* **513**: 195-201 [cover article]. PMID: 25209798
45. Wu, J., W.-P. Lee, A. Ward, E. Garrison, **J. A. Walker**, M. K. Konkel, M. A. Batzer and G. T. Marth (2014) Tangram: A comprehensive toolbox for mobile element insertion detection. *BMC Genomics*. **15**: 795. PMID: 25228379
46. Sudmant, P. H., T. Rausch, E. J. Gardner, R. E. Handsaker, A. Abyzov, J. Huddleston, Y. Zhang, K. Ye, G. Jun, M. H.-Y. Fritz, M. K. Konkel, A. Malhotra, A. M. Stütz, X. Shi, F. P. Casale, J. Chen, F. Hormozdiari, G. Dayama, K. Chen, M. Malig, M. J. P. Chaisson, K. Walter, S. Meiers, S. Kashin, E. Garrison, C. Alkan, D. Antaki, T. Bae, P. Chines, Z. Chong, L. Clarke, E. Dal, L. Ding, S. Emery, X. Fan, M. Gujral, F. Kahveci, J. M. Kidd, H. Y. K. Lam, S. McCarthy, P. Flicek, R. A. Gibbs, G. Marth, A. Menelaou, X. J. Mu, D. M. Muzny, B. Nelson, A. Noor, N. F. Parrish, A. Quitadamo, B. Raeder, E. Schadt, A. Schlattl, A. Shabalina, A. Untergasser, E.-W. Lameijer, **J. A. Walker**, M. Wang, F. Yu, C. Zhang, J. Zhang, X. Zheng-Bradley, W. Zhou, T. Zichner, J. Sebat, M. A. Batzer, S. A. McCarroll, The 1000 Genomes Project Consortium, R. E. Mills, M. B. Gerstein, A. Bashir, O. Stegle, S. E. Devine, C. Lee, E. E. Eichler and J. O. Korbel (2015) An integrated map of structural variation in 2,504 human genomes. *Nature* **526**: 75-81 [Cover Article]. PMID: 26432246
47. **The 1000 Genomes Project Consortium** (2015) A global reference for human genetic variation. *Nature* **526**: 68-74 [Cover Article]. PMID: 26432245

48. Konkel, M. K.* , **J. A. Walker***, A. B. Hotard, M. C. Ranck, C. C. Fontenot, J. Storer, C. Stewart, G. T. Marth, the 1000 Genomes Consortium and M. A. Batzer (2015) Sequence analysis and characterization of active human *Alu* subfamilies based on the 1000 Genomes pilot project. *Genome Biology and Evolution* **7**: 2608. PMID: 26319576
49. **Walker, J. A.**, V. E. Jordan, C. J. Steely, T. O. Beckstrom, C. L. McDaniel, C. P. St. Romain, E. C. Bennett, A. Robichaux, B. N. Clement, M. K. Konkel, The Baboon Genome Analysis Consortium, M. A. Batzer. (2017) *Papio* baboon species indicative *Alu* elements. *Genome Biology and Evolution* **9** (6): 1788-1796. PMID: 28854642
50. Baker, J. B., **J. A. Walker**, J. A. Vanchiere, K. R. Phillippe, C. P. St. Romain, P. Gonzalez-Quiroga, M. W. Denham, J. R. Mierl, M. K. Konkel, and M. A. Batzer (2017) Evolution of *Alu* subfamily structure in the *Saimiri* lineage of New World Monkeys. *Genome Biology and Evolution* **9** (9): 2365-2376. PMID: 28957461
51. Steely, C. J., **J. A. Walker**, V. E. Jordan, T. O. Beckstrom, C. L. McDaniel, C. P. St. Romain, E. C. Bennett, A. Robichaux, B. N. Clement, M. Raveendran, The Baboon Genome Analysis Consortium, K. C. Worley, J. Phillips-Conroy, C. J. Jolly, J. Rogers, M. K. Konkel, and M. A. Batzer. (2017) *Alu* insertion polymorphisms as evidence for population structure in baboons. *Genome Biology and Evolution* **9** (9): 2418-2427. PMID: 28957465
52. Baker, J. N.* , **J. A. Walker***, M. W. Denham, C. D. Loupe III, and M. A. Batzer. (2018) Recently integrated *Alu* insertions in the squirrel monkey (*Saimiri*) lineage and application for population analyses. *Mobile DNA*. **9** (9): PMID: 29449901
53. Steely*, C. J., J. N. Baker*, **J. A. Walker**, C. D. Loupe III, The Baboon Genome Analysis Consortium, and M. A. Batzer. (2018). Analysis of lineage-specific *Alu* subfamilies in the genome of the olive baboon, *Papio anubis*. *Mobile DNA*. **9** (10): PMID: 29560044
54. Jordan, V. E., **J. A. Walker**, T. O. Beckstrom, C. J. Steely, C. L. McDaniel, C. P. St. Romain, K. C. Worley, The Baboon Genome Analysis Consortium, J. Phillips-Conroy, C. J. Jolly, J. Rogers, M. K. Konkel, and M. A. Batzer. (2018). A computational reconstruction of *Papio* phylogeny using *Alu* insertion polymorphisms. *Mobile DNA*. **9** (13) PMID: 29632618
55. Rogers, J., The Baboon Genome Analysis Consortium (2019) The comparative genomics and complex population history of *Papio baboons*. *Sci. Adv.* **5**, eaau6947. PMID: 30854422
56. Storer, J. M., J. R. Mierl, S. A. Brantley, B. Threeton, Y. Sukharutski, L. C. Rewerts, C. P. St. Romain, M. M. Foreman, J. N. Baker, **J. A. Walker**, J. D. Orkin, A. D. Melin, K. A. Phillips, M. K. Konkel, and M. A. Batzer. (2019). Amplification Dynamics of Platy-1 retrotransposons in the Cebidae Platyrrhine lineage. *Genome Biology and Evolution*. **11**:1105-1116. PMID: 30888417
57. **Walker, J. A.***, V. E. Jordan*, J. M. Storer, C. J. Steely, P. Gonzalez-Quiroga, T. O. Beckstrom, L. C. Rewerts, C. P. St. Romain, C. E. Rockwell, J. Rogers, C. J. Jolly, M. K. Konkel, The Baboon Genome Analysis Consortium and M. A. Batzer. (2019). *Alu* insertion polymorphisms shared by *Papio* baboons and *Theropithecus gelada* reveal an intertwined common ancestry. *Mobile DNA*. **10** (46): PMID: 31788036

58. Storer, J. M., **J. A. Walker**, V. E. Jordan and M. A. Batzer (2020). Sensitivity of the polyDetect computational pipeline for phylogenetic analyses. *Analytical Biochemistry*. **593**: 113516 PMID: 31794702
59. Warren, W. C., et al. **Genome Sequencing and Analysis Consortium** (2020) Sequence diversity analyses of an improved rhesus macaque genome enhances its biomedical utility. *Science*. 370(6523): eabc6617 PMID: 33335035
60. **The bonobo genome sequencing and analysis consortium** (2021) A high-quality bonobo genome refines the analysis of hominid evolution. *Nature*. Published online May 5, 2021 PMID: 33953399
61. Storer, J. M.*, **J. A. Walker***, C. E. Rockwell, G. Mores, T. O. Beckstrom, J. D. Orkin, A. D. Melin, K. A. Phillips, C. Roos and M. A. Batzer (2022). Recently Integrated *Alu* Elements In Capuchin Monkeys: A Resource for *Cebus/Sapajus* Genomics. *Genes*. **13**: 572. <https://doi.org/10.3390/genes13040572>. PMID: 35456378
62. Storer, J. M.*, **J. A. Walker***, M. A. Brown and M. A. Batzer (2022) Cebidae *Alu* element alignments and a complex non-human primate radiation. *Life*. 12(10), 1655; <https://doi.org/10.3390/life12101655>. PMID: 36295090
63. Storer, J. M.*, **J. A. Walker***, L. C. Rewerts, M. A. Brown, T. O. Beckstrom, S. W. Herke, C. Roos, and M. A. Batzer, (2022). Owl monkey *Alu* insertion polymorphisms and *Aotus* phylogenetics. *Genes*. 13(11), 2069; <https://doi.org/10.3390/genes13112069>. PMID: 36360306
64. Storer, J. M.*, **J. A. Walker***, J. N. Baker, S. Hossain, C. Roos, T. J. Wheeler, and M. A. Batzer, (2023). Framework of the *Alu* subfamily evolution in the platyrrhine three-family clade of Cebidae, Callitrichidae, and Aotidae. *Genes*. 14: 249; <https://doi.org/10.3390/genes14020249>. PMID: 36833175
65. Sorensen, E. F., et al. **The baboon genome sequencing and analysis consortium** (2023) Genome-wide co-ancestry reveals details of ancient and recent male-driven reticulation in baboons. *Science* 380(6648):eabn8153 PMID: 37262153
66. Storer, J. M.*, **J. A. Walker***, T. O. Beckstrom, M. A. Batzer, (2023). Extensive independent amplification of Platy-1 retroposons in tamarins, genus *Saguinus*. *Genes*. 14:(7), 1436; <https://doi.org/10.3390/genes14071436>. PMID: 37510341
67. Storer, J. M. *, **J. A. Walker***, S. O. Massey, T. O. Beckstrom, and M. A. Batzer, (2026). Platy-1 SINEs from thirteen diverse genomes reveal Callitrichidae unique amplification, recent *Alouatta* mobilization and insights into platyrrhine phylogenetics. *Genes*. 17:(1), 100; <https://doi.org/10.3390/genes17010100>. PMID: 41595519
68. **Walker, J. A. ***, J. M. Storer*, S. O. Massey, T. O. Beckstrom, D. A. Ray and M. A. Batzer (2026). Howler monkey Platy-1 and *Alu* SINEs: A resource for *Alouatta* genomics. *Mobile DNA* submitted 31March2026.

* denotes equal first authorship. ‡ denotes equal senior authors

PUBLICATIONS (co-authored as a member of a research consortium; not listed above)

Louisiana Healthy Aging Study

1. Wood, R. H., R. E. Gardner, K. A. Ferachi, C. King, A. Ermolao, K. E. Cherry, M. E. Cress, and S. M. Jazwinski, for the **Louisiana Healthy Aging Study**. (2005) Physical function and quality of life in older adults: sex differences. *Southern Medical Journal* 98:504-512. PMID: 15954505
2. Hsu, H. C., D. K. Scott, P. Zhang, J. Zhou, P. Yang, Q. Wu, H. W. Schroeder, L. B. Gerald, E. Ravussin, S. M. Jazwinski, and J. D. Mountz, for the **Louisiana Healthy Aging Study**. (2006) CD8 T-cell immune phenotype of successful aging. *Mechanisms of Aging and Development* 127:231-239. PMID: 16313945
3. Dobrosielski, D. A., A. A. Arce, J. D. Allen, R. H. Wood, and M. A. Welsch, for the **Louisiana Healthy Aging Study**. (2006) Biphasic responses of the brachial artery diameter following forearm occlusion: a blunted response in the elderly. *Dynamic Medicine* 5:4. PMID: 16597328
4. Hawley, K. S., K. E. Cherry, J. Su, Y. W. Chiu, and S. M. Jazwinski, for the **Louisiana Healthy Aging Study**. (2006) Knowledge of memory aging in adulthood. *International Journal of Aging and Human Development* 63:317-334. PMID: 17191437
5. Fabre, J. M., R. H. Wood, K. E. Cherry, L. J. Su, M. E. Cress, C. M. King, M. J. deVeer, R. E. Gardner, and S. M. Jazwinski, for the **Louisiana Healthy Aging Study**. (2007) Age-related deterioration in flexibility is associated with health-related quality of life in nonagenarians. *Journal of Geriatric Physical Therapy* 30:16-22. PMID: 19839176
6. Frisard, M. I., A. Broussard, S. S. Davies, L. J. Roberts, II, J. Rood, L. de Jonge, X. Fang, S. M. Jazwinski, W. A. Deutsch, and E. Ravussin, for the **Louisiana Healthy Aging Study**. (2007) Aging, resting metabolic rate, and oxidative damage: results from the Louisiana Healthy Aging Study. *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences* 62:752-759. PMID: 17634323
7. Frisard, M. I., J. M. Fabre, R. D. Russell, C. M. King, J. P. DeLany, R. H. Wood, and E. Ravussin, for the **Louisiana Healthy Aging Study**. (2007) Physical activity level and physical functionality in nonagenarians compared to individuals aged 60-74 years. *The Journals of Gerontology Series A: Biological Sciences and Medical Sciences* 62:783-788. PMID: 17634327
8. Cherry, K. E., S. Galea, J. L. Silva, and the **Louisiana Healthy Aging Study** (2008) Successful aging and natural disasters: Role of adaptation and resiliency in late life. In M. Hersen and A. M. Gross (Eds.) "*Handbook of Clinical Psychology: Volume 1*": 810-833.
9. Cherry, K. E., K.S. Hawley, E. M. Jackson, J. Volaufova, L. J. Su, and S. M. Jazwinski, for the **Louisiana Healthy Aging Study**. (2008) Pictorial superiority effects in oldest-old people. *Memory* 23:1-14. PMID: 18651263
10. Welsch, M. A., D. A. Dobrosielski, A. A. Arce-Esquivel, R. H. Wood, E. Ravussin, C. Rowley, and S. M. Jazwinski, for the **Louisiana Healthy Aging Study**. (2008) The association between flow-mediated dilation and physical function in older men. *Med. Sci. Sports Exerc.* 40:1237-1243. PMID: 18580402

11. Johannsen, D. L., J. P. DeLany, M. I. Frisard, M. A. Welsch, C. K. Rowley, X. Fang, S. M. Jazwinski, and E. Ravussin, for the **Louisiana Healthy Aging Study** (2008) Physical activity In aging: comparison among young, aged, and nonagenarian individuals. *Journal of Applied Physiology* 105:495-501. PMID: 18556430
12. Frisard, M. I., J. C. Rood, X. Fang, J. Su, D. A. Welsh, S. M. Jazwinski, and E. Ravussin, for the **Louisiana Healthy Aging Study**. (2009) Metabolic syndrome and risk factors for cardiovascular disease: are nonagenarians protected? *AGE* 31:67-75. PMID: 19234770
13. Dobrosielski, D. A., F. L. Greenway, D. A. Welsh, S. M. Jazwinski, and M. A. Welsch, for the **Louisiana Healthy Aging Study**. (2009) Modification of vascular function after handgrip exercise training in 73- to 90-yr-old men. *Medicine and Science in Sports and Exercise* 41:1429-1435. PMID: 19516158
14. Brown, J. S., K. E. Cherry, L. D. Marks, E. M. Jackson, J. Volaufova, C. Lefante, and S. M. Jazwinski, for the **Louisiana Healthy Aging Study**. (2010) After Hurricanes Katrina and Rita: gender differences in health and religiosity in middle-aged and older adults. *Health Care Women Int.* 31:997-1012. PMID: 20924874
15. Byerley, L. O., L. Leamy, S. W. Tam, C.-W. Chou, and E. Ravussin, for the **Louisiana Healthy Aging Study**. (2010) Development of a serum profile for healthy aging. *AGE* 32:497-507. PMID: 20490702

Georgia Centenarian Study

16. Martin, P., G. da Rosa, I. C. Siegler, A. Davey, M. MacDonald, and L. W. Poon, for the **Georgia Centenarian Study**. (2006) Personality and longevity: findings from the Georgia Centenarian Study. *AGE* 28:343-352. PMID: 22253500
17. Johnson, M. A., A. Davey, D. B. Hausman, S. Park, and L. W. Poon, for the **Georgia Centenarian Study**. (2006) Dietary differences between centenarians residing in skilled Nursing facilities: the Georgia Centenarians Study. *AGE* 28:333-341. PMID: 22253499
18. Dai, J., A. Davey, I. C. Siegler, J. Arnold, and L. W. Poon, for the **Georgia Centenarian Study**. (2006) GCSDb: an integrated database system for the Georgian Centenarian Study. *Bioinformatics* 1:214-219. PMID: 17597891
19. Dai, J., L. Li, S. Kim, B. Kimball, S. M. Jazwinski, and J. Arnold, for the **Georgia Centenarian Study**. (2007) Exact sample size needed to detect dependence in 2 x 2 x 2 tables. *Biometrics* 63:1245-1252. PMID: 18078486
20. Martin, P., S. M. Jazwinski, A. Davey, R.C. Green, M. Macdonald, J. A. Margrett, I. C. Siegler, J. Arnold, J. L. Woodard, M. A. Johnson, S. Kim, J. Dai, L. Li, M. A. Batzer, and L. W. Poon, for The **Georgia Centenarian Study**. (2014) APOE ε4, rated life experiences, and affect among centenarians. *Aging and Mental Health* 18:240-247. PMID: 23998924

The 1000 Genomes Project Consortium

21. Sudmant, P. H., J. O. Kitzman, F. Antonacci, C. Alkan, M. Malig, A. Tsalenko, N. Sampas, L. Bruhn, J. Shendure, **1000 Genomes Project**, and E. E. Eichler. (2010) Diversity of human copy number variation and multicopy genes. *Science* 330:641-646. PMID: 21030649

22. Gravel, S., B. M. Henn, R. N. Gutenkunst, A. R. Indap, G. T. Marth, A. G. Clark, F. Yu, R. A. Gibbs, **The 1000 Genomes Project**, and C. D. Bustamante. (2011) Demographic history and rare allele sharing among human populations. *Proceedings of the National Academy of Sciences*, USA 108:11983-11988. PMID: 21730125
23. Danecek[^], P., A. Auton[^], G. Abecasis, C. A. Albers, E. Banks, M. A. DePristo, R. E. Handsaker, G. Lunter, G. T. Marth, S. T. Sherry, G. McVean, R. Durbin, and **1000 Genomes Project Analysis Group** (2011) The variant call format and VCFtools. *Bioinformatics* 27:2156-2158. PMID: 21653522
24. Conrad, D. F., J. E. M. Keebler, M. A. DePristo, S. J. Lindsay, Y. Zhang, F. Casals, Y. Idaghdour, C. L. Hart, C. Torroja, K. V. Garimella, M. Zilversmit, R. Cartwright, G. A. Rouleau, M. Daly, E. A. Stone, M. E. Hurles¹, and P. Awadalla, for **The 1000 Genomes Project**. (2011) Variation in genome-wide mutation rates within and between human families. *Nature Genetics* 43:712-714. PMID: 21666693
25. Marth, G. T., F. Yu[^], A. R. Indap[^], K. Garimella[^], S. Gravel[^], W. F. Leong[^], C. Tyler-Smith, M. Bainbridge, T. Blackwell, X. Zheng-Bradley, Y. Chen, D. Challis, L. Clarke, E. V. Ball, K. Cibulskis, D. N. Cooper, B. Fulton, C. Hart, D. Koboldt, D. Muzny, R. Smith, C. Sougnez, C. Stewart, A. Ward, J. Yu, Y. Xue, D. Altshuler, C. D. Bustamante, A. G. Clark, M. Daly, M. DePristo, P. Flicek, S. Gabriel, E. Mardis, A. Palotie, R. Gibbs, and **The 1000 Genomes Project**. (2011) The functional spectrum of low-frequency coding variation. *Genome Biology* 12:R84. PMID: 21917140
26. Clarke, L., X. Zheng-Bradley, R. Smith, E. Kulesha, C. Xiao, I. Toneva, B. Vaughan, D. Preuss, R. Leinonen, M. Shumway, S. Sherry, P. Flicek, and **The 1000 Genomes Project Consortium**. (2012) The 1000 Genomes Project: data management and community access. *Nature Methods* 9:459-462. PMID: 22543379
27. Khurana[^], E., Y. Fu[^], V. Colonna[^], X. J. Mu[^], H. M. Kang, T. Lappalainen, A. Sboner, L. Lochovsky, J. Chen, A. Harmanci, J. Das, A. Abyzov, S. Balasubramanian, K. Beal, D. Chakravarty, D. Challis, Y. Chen, D. Clarke, L. Clarke, F. Cunningham, U. S. Evani, P. Flicek, R. Fragoza, E. Garrison, R. Gibbs, Z. H. Gümüs, J. Herrero, N. Kitabayashi, Y. Kong, K. Lage, V. Liliashvili, S. M. Lipkin, D. G. MacArthur, G. Marth, D. Muzny, T. H. Pers, G. R. S. Ritchie, J. A. Rosenfeld, C. Sisu, X. Wei, M. Wilson, Y. Xue, F. Yu, **1000 Genomes Project Consortium**, E. T. Dermitzakis, H. Yu, M. A. Rubin, C. Tyler-Smith, and M. Gerstein. (2013) Integrative annotation of variants from 1092 humans: application to cancer genomics. *Science* 342:1235587. PMID: 24092746
28. Colonna, V., Q. Ayub, Y. Chen, L. Pagani, P. Luisi, M. Pybus, E. Garrison, Y. Xue, C. Tyler-Smith, and **The 1000 Genomes Project Consortium**. (2014) Human genomic regions with exceptionally high levels of population differentiation identified from 911 whole-genome sequences. *Genome Biology* 15:R88. PMID: 24980144
29. Delaneau, O., J. Marchini, the **1000 Genomes Project Consortium**. (2014) Integrating sequence and array data to create an improved 1000 Genomes Project haplotype reference panel. *Nature Communications* 5:3934. PMID: 25653097

Orangutan Genome Sequencing Consortium

30. Locke, D. P., L. W. Hillier, W. C. Warren, K. C. Worley, L. V. Nazareth, D. M. Muzny, S.-P. Yang, Z. Wang, A. T. Chinwalla, P. Minx, M. Mitreva, L. Cook, K. D. Delehaunty, C. Fronick, H. Schmidt, L. A. Fulton, R. S. Fulton, J. O. Nelson, V. Magrini, C. Pohl, T. A. Graves, C. Markovic, A. Cree, H. H. Dinh, J. Hume, C. L. Kovar, G. R. Fowler, G. Lunter, S. Meader, A. Heger, C. P. Ponting, T. Marques-Bonet, C. Alkan, L. Chen, Z. Cheng, J. M. Kidd, E. E. Eichler, S. White, S. Searle, A. J. Vilella, Y. Chen, P. Flicek, J. Ma., B. Raney, B. Suh, R. Burhans, J. Herrero, D. Haussler, R. Faria, O. Fern, o, F. Darré, D. Farré, E. Gazave, M. Oliva, A. Navarro, R. Roberto, O. Capozzi, N. Archidiacono, G. Della Valle, S. Purgato, M. Rocchi, M. K. Konkel, **J. A. Walker**, B. Ullmer, M. A. Batzer, A. F. A. Smit, R. Hubley, C. Casola, D. R. Schrider, M. W. Hahn, V. Quesada, X. S. Puente, G. R. Ordoñez, C. López-Otín, T. Vinar, B. Brejova, A. Ratan, R. S. Harris, W. Miller, C. Kosiol, H. A. Lawson, V. Taliwal, A. L. Martins, A. Siepel, A. Roy Choudhury, X. Ma, J. Degenhardt, C. D. Bustamante, R. N. Gutenkunst, T. Mailund, J. Y. Dutheil, A. Hobolth, M. H. Schierup, O. A. Ryder, Y. Yoshinaga, P. J. de Jong, G. M. Weinstock, J. Rogers, E. R. Mardis, R. A. Gibbs, and R. K. Wilson. (2022) Author Correction: Comparative and demographic analysis of orang-utan genomes. *Nature* 608:E36. PMID: 35962045

GRANTS AND CONTRACTS

Current: None

Pending: None

Previous Funding:

The Effect of Bromelain on Recovery from Exercise-induced Skeletal Muscle Injury.
University at Buffalo Foundation, Inc., Moir P. Tanner Research Fund.
Funded from 12/89 - 10/90. \$1,148.00