John Pablo Mendieta

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EDUCATION

University of Georgia, Athens, Georgia, USA

- Ph.D. (in progress) - Genetics — Aug 2018 – Present
  - Adviser: Prof. Robert Schmitz
  - Focus: Epigenomics, Gene Regulation

University of Colorado Boulder, Boulder, Colorado, USA

- B.A. - Ecology and Evolutionary Biology — Aug 2011 – Dec 2015
  - Magna Cum Laude
  - Honors Thesis: Transposable Element Abundance and Variability in 28 Different Species in the Family Solanaceae
  - Adviser: Prof. Nolan Kane
  - GPA: 3.6

RESEARCH EXPERIENCE

Boyce Thomspon Institute, Ithaca NY

- Bioinformatician I — May 2017 – Jul 2018
  - Supervisor: Prof. Zhangjun Fei
  - Projects: Genome annotation, Variant calling, Data Analysis of Cucrbits

Cannabis Genomics Initative, Boulder CO

- Counsultant — Jan 2016 – May 2016
  - Supervisor: Daniella Vergara
  - Projects: Identification of Y chromosome, Repeat Library Creation, Genome Assembly

University of Colorado Boulder

- Lab Technician, Ecology and Evolutionary Biology — Jan 2016 – Sep 2016
  - Supervisor: Prof. Nolan Kane
  - Projects: Genomic Analysis, Transposable Element Annotation, Alternative splicing in sunflowers
- Undergraduate Research Student, Ecology and Evolutionary Biology — May 2013 – Dec 2015
  - Supervisor: Prof. Nolan Kane

PUBLICATIONS

JOURNALS

[2] CS Smith, S Tittes, JP Mendieta, E Collier-zans, H Rowe, LH Rieseberg, NC Kane (2018) Genetics of alternative splicing evolution during sunflower domestication. *Proceedings of the National Academy of Sciences*

[1] D Vergara, H Baker, K Clancy, KG Keepers, JP Mendieta, CS Pauli, S Tittes, KH White, NC Kane (2016) Genetic and genomic tools for *Cannabis sativa*. *Critical Reviews in Plant Sciences*

SCIENTIFIC PRESENTATIONS

[3] "Transposable Element Abundance in the Iochromanae," Evolution, Austin 2016

[2] "An Introduction to Scripting Languages in Biology," EBIO Department, CU Boulder 2015

[1] "Why Undergraduate Research is Worth Doing," Undergraduate Outreach Program, CU Boulder 2014

AWARDS & SCHOLARSHIPS

- Undergraduate Research Opportunities Program Grant (UROP) — 2015
  $2200
- Howard Hughes Medical Insitute Grant (HHMI) — 2014
  $2400
- Biological Science Initiative Grant — 2013
  $2400

TEACHING

TEACHING ASSISTANT

- Genomics — Fall 2015
  Introductory course on genomics focused on teacing undergraduate studens the basics of NGS data analysis.

GENOMIC RESOURCES

GENOMES

[5] H.W. Harden, S Tittes, JP Mendieta, S Smith, D Gates, NC Kane (2016) *Iochroma lehmannii* Chloroplast, complete genome https://www.ncbi.nlm.nih.gov/nuccore/NC_030167.1

[4] S.D Wong, S Tittes, JP Mendieta, S Smith, D Gates, NC Kane (2016) *Iochroma salpoanums* Chloroplast, complete genome https://www.ncbi.nlm.nih.gov/nuccore/NC_030168.1

[3] J.A -West-Roberts, S Tittes, JP Mendieta, L Riesberg, NC Kane (2016) *Helianthus argophyllus* Chloroplast, complete genome https://www.ncbi.nlm.nih.gov/nuccore/NC_030275.1

[2] E.G. Monroe, S Tittes, KG Keepers, JP Mendieta, L Riesberg, NC Kane (2016) *Helianthus Debilis* Chloroplast, complete genome https://www.ncbi.nlm.nih.gov/nuccore/NC_030173.1

[1] K White, K Keepers, S Tittes, JP Mendieta, NC Kane (2016) *Cannabis sativa* Mitochondian, complete genome https://www.ncbi.nlm.nih.gov/nuccore/NC_029855.1

PROFESSIONAL AFFILIATIONS & ACTIVITIES

Athens Science Observer
Athens, GA 30605

- Editor, Writer — 2018 – Present

[*CV compiled on 2019-03-18*]