

Curriculum Vitae

Laura Daniela Baquero Galvis

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Education:

2015- 2017

Bachelor of Science in Biology

Metropolitan State University of Denver, Denver CO

Fall 2017

Advanced Emergency Technician (AEMT) certification

St. Anthony's hospital, Lakewood CO

2013- 2015

Associate of Science degree

Community College of Denver, Denver CO

Undergraduate Research Experience:

2016- 2019

Undergraduate Research, Department of Chemistry MSU Denver

Research project: *Importance of Unique Secondary Structures in Genomic RNA 3' CITE in Blackcurrant Reversion Nepovirus Translation*. Advisor: Dr. Megan E. Filbin-Wong.

Research Skills:

Performed a variety of biochemistry experiments using techniques such as DNA amplification, RNA *in vitro* transcription, reverse transcription and quantification, gel electrophoresis, Slab-gel purification, site-directed DNA mutagenesis, restriction endonuclease digestion, SHAPE and chemical probing, and Luciferase Reporter assays.

Work experience:

September 2019-

Professional Research Assistant in Jagannathan Lab, University of

Present

Colorado School of Medicine, Department of Biochemistry and Molecular Genetics

Execute original Research projects concerning mRNA function and regulation by managing experimental design, data collection and data analysis.

Communicate project findings to the research community through oral presentations and/or written publications, when project has advanced sufficiently.

April 2019-

Colorado Ophthalmology Associates Chief Scribe, Scribe

August 2019

America

Enforce compliance of Scribe Americas' policies and procedures. Review employee's timecards and make respective corrections.

Coordinate with project leader to provide appropriate staffing levels and full shift coverage. Ensure Scribes are adequately trained and continue education to maintain a high quality and efficient Scribe program on site.

August 2018-

Outpatient Medical Scribe, Scribe America

2019

Document medical examinations in Ophthalmology and Psychiatry clinics to maintain a record of physician-patient encounters.

Utilize clinic specific electronic resources to aid physicians in delivering efficient patient care and improve clinic flow.

- 2016-2018 **Advanced Placement Summer Institute program support, Center for advance STEM education, Metropolitan State University of Denver**
Provide assistance to the Colorado Education Initiative event organizers during Advanced Placement training week by managing event logistics and ensuring consumer satisfaction.
Work with the event coordinators to inform participants about scheduled activities and the classes assigned to each section.
- 2016- 2018 **Science camp Counselor, Center for advance STEM education Metropolitan State University of Denver**
Monitor middle-school students' arrival and departure to and from Auraria campus. Escort the kids to their respective classes and activities in addition to providing lunch and snacks.
- Spring 2018 **Science Tutor (biology, chemistry and physics), Colorado Wyoming Louis Stokes Alliance for Minority Participation**
Supplement information discussed in lecture sections by breaking down complex subjects and relating them to everyday situations.
Establish a connection between future, present and past courses in order to encourage students to seek a better understanding of the subjects at hand.
- March 2016-2017 **Lead Biology and Chemistry Tutor, Metropolitan State University of Denver**
Assisted students encountering difficulties in Biology and Chemistry classes by providing them with the environment and tools needed to excel in their courses. Encouraged students' growth as individual learners by implementing studying techniques based on their learning styles.
- Fall 2015 **Cashier, Tivoli Station**
Processed purchase transactions in addition to returns and exchanges while informing the costumers of the return policies used by the store.

Grants and Awards:

- Spring 2019 American Society for Biochemistry and Molecular Biology (ASBMB) Undergraduate Poster Competition Honorable Mention
- Spring 2018 American Society for Biochemistry and Molecular Biology (ASBMB) student chapter travel award
- Spring 2018 Passport to success grant, Colorado Wyoming Louis Stokes Alliance for Minority Participation
- Summer 2017 Undergraduate Research Grant, Colorado Wyoming Louis Stokes Alliance for Minority Participation
- Spring 2017 Undergraduate Research Grant, Colorado Wyoming Louis Stokes Alliance for Minority Participation

Lectures and Presentations:

- 2019 **Poster presentation:** American Society for Biochemistry and Molecular Biology – 2019 Annual Meeting Orlando, Fl
- Structural importance of Genomic RNA1 3' CITE in *Blackcurrant Reversion Nepovirus* Protein Synthesis.
- Laura D. Baquero Galvis¹, Elizabeth Shields¹, Evan Morrison¹, Megan E. Filbin-Wong, Ph.D.²**

- 2018 **Research presentation:** Metropolitan State University of Denver - Undergraduate Research Conference Denver, CO
- Importance of Unique Secondary Structures in Genomic RNA1 3' CITE in Blackcurrant Reversion Nepovirus Translation.
Laura D. Baquero Galvis¹, Elizabeth Shields¹, Evan J. Morrison¹, Megan E. Filbin-Wong, Ph.D.²
- 2018 **Poster presentation:** American Society for Biochemistry and Molecular Biology – 2018 Annual Meeting San Diego, CA
- Importance of Unique Secondary Structures in Genomic RNA1 3' CITE in Blackcurrant Reversion Nepovirus Translation.
Laura D. Baquero Galvis¹, Elizabeth Shields¹, Evan J. Morrison¹, Megan E. Filbin-Wong, Ph.D.²
- 2017 **Poster presentation:** American Society for Biochemistry and Molecular Biology – 2017 Annual Meeting Chicago, IL
- Unique Structures in the 3' UTR of Blackcurrant Reversion Nepovirus Genomic RNA 1 Promote Translation Initiation.
Laura Baquero-Galvis¹, Elizabeth Shields¹, Megan E. Filbin-Wong, Ph.D.²
- 2017 **Poster presentation:** Metropolitan State University of Denver – Undergraduate Research Conference Denver, CO
- Unique Structures in the 3' UTR of Blackcurrant Reversion Nepovirus Genomic RNA 1 Promote Translation Initiation.
Laura Baquero-Galvis¹, Elizabeth Shields¹, Megan E. Filbin-Wong, Ph.D.²

Memberships in organizations:

- 2017- present American Society for Biochemistry and Molecular Biology (ASBMB)
2016- 2018 Colorado Wyoming Louis Stokes Alliance for Minority Participation

Community Service:

- 2015- 2018 **Progressive Unit care, Atrium pharmacy, infusion center, Gastro-intestinal and Emergency departments' Volunteer, University of Colorado Hospital**
Assisted nurses and medical technicians by filling prescriptions, and patient's medical records. Provided patients and their families with refreshments/snacks in the waiting room area, while checking on those in recovery and tending to their comfort and basic needs.

References:

- (303) 549-6589 Amy T. Kelmenson, MD (akelmenson@gmail.com)
(720) 270-5970 Evan J. Morrison (morrison.j.evan@gmail.com)
(303) 556-6430 Megan Elizabeth Filbin-Wong Ph.D (Mfilbin1@msudenver.edu)
(303) 619-7225 Nancy Dunn (sassynanc@aol.com)
(304) 780-2864 Marina Munir (marina.munir@scribeamerica.com)
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