**Ramon A. Guivas**

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**Academic Preparation**

**B.A., Biology, Asbury University, December 2022**

Asbury University

**B.A., Biology**

Asbury University

**Overall GPA: 0.00**

**Career Goals**

To obtain a graduate level degree in aquatic ecology and/or experiential education that prepares me to pursue a career as an environmental educator. I am particularly interested in using outdoor settings to immerse students in the material.

**Research Funding**

Kentucky Academy of Science Undergraduate Research Grant, February 2018. Use of eDNA in multiple species fish biomass determinations in small to mid-sized lotic systems. **Ramon Guivas** and Ben F. Brammell. $512 ($1104 including matching funds)

**Presentations**

* **Guivas, Ramon A.**, Kyle T. Laufenburger, and Ben F. Brammell. 2019. Evaluation of biomass and filtration method on

eDNA detection of fantail darters. Kentucky Water Resources Annual Symposium. March 25, 2019, Lexington, KY. Poster.

* **Guivas, Ramon A.**, Kyle T. Laufenburger, Mary R. Johnson, Cierla V. McGuire, Annissia L. Wood, Harold A. Brabon, Malinda A. Stull, and Ben F. Brammell.  2017.  Relationship between fish biomass and eDNA in central Kentucky Streams.  103rd Annual Kentucky Academy of Science Meeting, Nov. 3-4, 2017, Murray, KY.  Poster.
* **Guivas, Ramon A.**, Kyle T. Laufenburger, and Ben F. Brammell. 2018. Use of eDNA in Multiple Species Fish Biomass

Determinations in Small to Mid-Sized Lotic Systems. Kentucky Water Resources Annual Symposium. March 19, 2018, Lexington, KY. Poster.

* **Guivas, Ramon A.**, Kyle T. Laufenburger, and Ben F. Brammell. 2018. Use of eDNA in Multiple Species Fish Biomass

Determinations in Small to Mid-Sized Lotic Systems. Asbury University SEARCH Symposium. April 23, 2018, Wilmore, KY. Poster.

* **Guivas, Ramon A.**, Kyle T. Laufenburger, and Ben F. Brammell. 2018. Evaluation of biomass and filtration method on

eDNA detection of fantail darters. 104th Annual Kentucky Academy of Science Meeting, Nov. 2-3, 2018, Bowling Green, KY. Poster.

**Peer Reviewed Publications**

* **Guivas, Ramon M.** and Ben F. Brammell. 2018. Evaluation of biomass and filtration method on eDNA detection of fantail darters (*Etheostoma flabellare*). International Journal of Zoology 3:1-7. <https://doi.org/10.1155/2020/4731686>

**Awards**

* Judge J. W. Deese Endowed Science Research Stipend- April 5, 2018. $500.
* Second Place, undergraduate research poster competition, Ecology Section, 104th Annual Kentucky Academy of Science Meeting. Nov. 2, 2018.
* BSA Eagle Scout Award

**Work Experience**

* **Teaching Assistant for Bio 221 (Ecology) under Dr. Ben Brammell** August 2018- December 2018

Asbury University, Wilmore, KY

* **Teaching Assistant for Bio 227 (Aquatic and Wetland Biology)**  January 2018- May 2018  
  **under Dr. Ben Brammell.**

Asbury University, Wilmore, KY

* **Organized and catalogued University Biological Specimen Collection** May 2017- December 2018

Asbury University, Wilmore, KY

* **Summer Biology Intern** May 2017-August 2017

Asbury University, Wilmore, KY

* **Fish and Wildlife Scientific Aid**  June 2016- August 2016

**California** Department of Fish and Wildlife, Sacramento, CA

Research conducted in the Klamath National Forest

* **Undergraduate Research Assistant in the laboratory of**  January 2016 – December 2018

**Dr. Ben Brammell**

Asbury University, Wilmore, KY

**Service**

* Environmental Education Volunteer, January 2019- Present

Creasey Mahan Nature Preserve, Goshen, KY

* Volunteered at Impact U Environmental Science and Biotechnology Summer Camp, June 11-15, 2018

Asbury University

* Science Fair Judge, Maxwell Spanish Immersion Magnet Elementary School January 22, 2018
* Volunteered at Impact U Environmental Science and Biotechnology Summer Camp, June 11-15, 2017

Asbury University

* Volunteered teaching chemistry concepts at Kids College, March 4, 2017

Asbury University

* Leadership Development Committee, Chosen to research leadership March 2016 – August 2017

and plan leadership-centered workshops for the student body,

Asbury University

* Transition and Guidance Counselor, Facilitated the acclimation August 2015 – December 2015

of incoming freshmen to college life,

Asbury University

* Co-chair of Asbury LMS Club, Planned and facilitated large scale February 2014 – Spring 2017

community building events for the student body,

Asbury University

**Collecting Permits**

* **Ramon Guivas**, KYDFWR Educational Collection Permit: #1811153 - Permits the collection via electrofishing, trap

nets, or gill nets of fish, amphibians, aquatic invertebrates in the Kentucky, Cumberland, and Green River watersheds. 2018.