

The Beta Rho chapter of the Alpha Chia Sigma Fraternity Fall 2019 Newsletter



Important Events

- Rush week
- Welcoming new brothers
- Community Outreach

New News

- New Website
- New Officer Position Health
- New Advisor

Research

- Pursuit of Science

Initiation

Fall Class of 2019



Pictured:

Amanda Holmes, Brighton Ferrara, Dreah Kuckelman, Kat Payne, Dr. Tendai Gadzikwa, Adam Ebert, Link Anton, Anthony Mazzara, Joe Mendoza

Formal Pledging



Erianna Basgall,
Megan Goeckel,
Isabel

Brandon
Challens, Cole
Wilson, Country
Johnson



Dreah
Kuckelman,
Brighton Ferrara,
Hawa Dembele

Faculty Dinner

Fall 2019



Pursuit of Science

Research

Aidan Cairns works in J.T. Lavery research group. Her research focuses on the goals and values of science. The departments included in her research are biology, physics, chemistry, and biochemistry. The subjects are the faculty involved in these departments, the study includes discussing ethics and how rules, values and standards impact scientist's research. She is currently analyzing videos and collecting data from pre-fellowship interviews.

Erianna Basgall works in Dr. Finnigan's lab in the Biochemistry department. This will be her third year working in this laboratory, her research focuses on genetics with the use of CRISPR systems and develop applications of technology. The model organism used in the experiments is budding yeast. Erianna has co-first authorship on two papers from her research and is expecting another three. Erianna's work does not stop there she has participated in various fellowship and grant programs; this gave her the opportunity to present her research across the state and nationally. By pursuing the path of research, she has been awarded one of K-State's three Goldwater Scholars for 2019-2020. Erianna's path to success wasn't easy she faced many rejections but didn't give up on her pursuit of success. Her advice to brothers pursuing similar goals is to reach out to brothers who have experience and to apply to everything and anything of your interest even if it seems like a long shot.

Cole Wilson works in Dr. Timothy Durrett lab in the biochemistry department. Their research includes how plants make storage lipids, the synthesis of unusual lipids and how they can engineer agriculturally valuable crops to make these lipids. Cole is working on constructing hybrid genes from enzymes that make different products. The purpose of this experiment is to try and use the new hybrid genes to determine relationships between the structure and function on this certain class of enzymes.

County Johnson, Courtney is an undergraduate researcher in the analytical lab under the direction of Dr. Culbertson. Her research focuses on single-cell analysis using microfluidic devices to begin preliminary experiments for the isolation of organelles. She also assisted in the development of a heating element that is easily integrated onto a variety of microfluidic devices to provide temperature regulation and improve cell stability during experimentation.

Gage Wright, is working on Electrochemical Activity Assay for Protease Analysis Using Carbon Nanofiber Nanoelectrode Arrays. This research focus is on the demand for bioanalytical techniques to detect protease activities. The goal of this study is to report activity based electrochemical methods. The electrochemical method can be developed and used in cancer diagnosis and treatment monitoring.

Beta Rho Redesigned....

New Webpage

The Beta Rho chapter introduces new website designed by brother and officer *Paige Houchen*.

Using her webmaster capabilities Paige was able to find a user-friendly host site called Wix to start her creation. She started out with a blank template and was able to add features Beta Rho did not have before such as mouse-hovering hexagons on the FAQ page and making a mobile version available for brothers.



Paige also recognized the needs within the chapter such as adding an up to date calendar to the website to make accessing the time of important events easier for brothers. By choosing this site she was able to keep cost the same as using the older website. Below is the link.

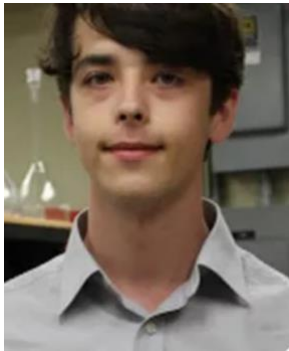


<https://axebetarhoksu.wixsite.com/axsbp>

Health and Safety

New Officer Position

Alpha Chi Sigma introduces new officer position to advance the fraternity safety policies. Beta Rho elected *Quinton Burger* to take over this role.



Quinton ensures that policies are being followed and that the three objects are promoted within the fraternity. Also, assurance that every member is aware of resources to access if they need medical help whether it is physically or mentally

Policy

Education

Philosophy

Resources

Officers

Fall 2019

Erianna Basgalll: Master Alchemist

Dalton Denton: Vice Master Alchemist

Aiden Cairns: Master Ceremonies

George Fischer: Treasurer

Troy Abram: Outreach Coordinator

Tyler Bertsch: Assistant Outreach Coordinator

Hawa Dembele: Reporter

Cole Wilson: Recorder

Tessa Maze: Historian

Alexis Hoffmeier: Alumni Secretary

Isabel Lewis: Social Chair

Paige Houchen: Webmaster

Quinton Burger: Health and Safety Officer

Dr. Tendai Gadzikwa: Chapter Advisor

Family Rosters



Lead: *Pictured: Rachel Schuetze, Aidan Cairns, Clarke Clemons, Anthony Mazzara*



Sliver: *Pictured: Cole Wilson, Gage Wright, Adam Ebert, Joe Mendoza*



Mercury: *Pictured: Joe Kempin, Courtney Johnson, Hawa Dembele, Tyler Bertsch, Erianna Basgall, Link Anton*

Family Roster Continued...



Iron: *Pictured: Kaitlyn Stickels, Dalton Denton, Quinton Burger, Brandon Challans, Drea Kuckelman*



Copper: *Pictured: George Fischer, Javen McCreight, Kat Payne, Paige Houchen*



Gold: *Pictured: Alexis Hoffmeier, Tessa Maze, Isabel Lewis*

Family Roster Continued...



Tin: *Pictured: Amanda Holmes, Alex Miller, Chris Ball, Troy Abram, Mikaela Moore*

New Chapter Advisor:

Dr. Tendai Gadzikwa