

Introduction

Applications will remain on file for a **one-year period**. You are welcome to re-apply at that time if you are still interested and have not been appointed to serve.

Please Agree with the Following Statement

I hereby acknowledge that the information I provide in this application is subject to disclosure pursuant to the North Carolina Public Records Laws, and that I provide the information contained in this application freely and voluntarily, and that I consent to such disclosure pursuant to the North Carolina Public Records Laws, and that I waive, release and discharge the City of Raleigh, its agents, employees and elected and appointed officials, from any liability related to disclosure of any information provided herein.

☒ I Agree

Profile

Prefix

Carlin

First Name

Middle Initial

Ashford

Last Name

Suffix

carlin.ashford@yahoo.com

Email Address

Primary Phone

Home Address

City

Suite or Apt

State

Postal Code

Radeas Labs

Employer

IT Speacalist

Job Title

If uncertain about your Council District, visit the [RaleighNC.gov](#) and search by your address in the **"Find Your Services by Address"** section. Your council district will be displayed directly below the picture of your Council Member.

What district do you live in? *

☒ C

Which Boards would you like to apply for?

Police Advisory Board: On Agenda

How did you hear about this application processes?

☒ City website

Interests & Experiences

Please tell us about yourself and why you want to serve.

Why are you interested in serving on a board or commission?

I would like to take a more impact position in the policy making of my local community.

Please describe your work, education and volunteer experience in the following sections or optionally upload a resume.

Work Experience

Education

Volunteer Experience

[Resume_6.docx](#)

Upload a Resume

Upload any additional documentation

Demographics

Demographics - Voluntary - Not Required

Disclaimer: This Demographics Section of the Application is **not required** and by completing it, I do so **voluntarily** and acknowledge that the information I provide in this application is subject to disclosure pursuant to the **North Carolina Public Records Laws**, and that I provide the information contained in this application **freely and voluntarily**, and that **I consent** to such disclosure pursuant to the **North Carolina Public Records Laws**, and that **I waive, release and discharge** the City of Raleigh, its officers, officials (elected and appointed), employees and agents, from any liability related to disclosure of any information provided herein.

Purpose: Raleigh City Council Resolution No. 302(1986) establishes a policy that City Boards and Commissions be representative of the City's residents. The following **voluntary** questions are asked with the goal of meeting this policy and ensure diverse representation on City Boards and Commissions.

Which age group describes you?

☒ 22 - 30

Gender:

☒ Male

Ethnicity:

☒ Yes, another Hispanic, Latino or Spanish origin

Sexual Orientation:

☒ Heterosexual

For the following question, how would you define your race?
Please consider the following sub-groupings for race:

- Asian: (Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam)
- Black or African American: (Haitian, Jamaican, Nigerian, Somali)
- Native Hawaiian or Other Pacific Islander: (person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands)
- White: (Irish, German, English)

You may select more than one.

Race *

- ☒ Black or African American
☒ Multi-racial

Marginalized communities include those who have been [historically excluded](#) from involvement in our cities, as well as those continuing to face other barriers to civic participation. This includes those marginalized by factors like race, wealth, immigration status, and sexual orientation.

For the following question, do you identify as part of a marginalized group? If so please list and consider the following examples for marginalized groups:

- veterans
- seniors
- hearing, visually, and physically challenged persons
- women and girls
- formerly incarcerated people

Marginalized Group

Minority Group

Board Specific Criteria

Question applies to Police Advisory Board, Hispanic and Immigrant Affairs Board

Please note:

This board positions requires approximately 10 - 15 hours per month to complete the requirements of the Board. If you do not have this time capacity then you should consider applying for another board or commission.

Question applies to Community Engagement Board

For the following question, the seat specifications are as follows:

- **At-Large:** Someone who is appointed by City Council
- **Community Initiatives & Resources:** lived or professional experience educating, motivating, and/or advocating for community needs and/or under-invested groups
- **First Time Serving on a board or commission:** has not previously served on a City of Raleigh board or commission
- **General Board Member**
- **Local Black, Indigenous, Person of Color (BIPOC) Business Owner:** African American or Black, Asian, Native American or American Indian, Alaskan Native, Native Hawaiian or Pacific Islander, Multi-racial, Hispanic or Latino person who owns a businesses in the City of Raleigh
- **Long -Time Raleigh Resident:** Lived in Raleigh City Limits for most of your life
- **New Raleigh Resident:** Moved to Raleigh in the past two to three years
- **Renter:** currently rents housing within Raleigh City Limits as their only and primary residence
- **Senior:** 65 years of age or older
- **Young Adult:** 18- 23 years old

Question applies to Community Engagement Board

Which of the following Community Engagement seats are you interested in being considered? *

☒ New Raleigh Resident

Question applies to Human Relations Commission

Do you have background experience in any of the following areas? (Select all that apply) *

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- ☒ Social Justice
☒ Civil Rights/Human Rights

Question applies to Police Advisory Board

What is your connection to the topic of police accountability?

I worked closely with Fayetteville police department during steward program, this helped me to better understand the impact of community policing. To break down barriers officers need to be seen making a difference in the community and less like how they're portrayed in the media

Question applies to Police Advisory Board

For the following question, the seat options are as follows:

- **Attorney:** Attorney with experience and/or interest in civil rights
- **Mental Health Provider:** Professional who assesses, diagnoses or treats mental health conditions
- **Member of LGBT Community:** Someone who self identifies as lesbian, gay, bisexual, transgender, and/or queer
- **Victim Advocate:** Someone with experience in supporting victims of crimes by offering emotional support, victims' rights information, help in finding needed resources and assistance in filling out crime victim related forms
- **Police Chief Appointee:** Someone who is designated/assigned to the Board by the Police Chief
- **At-Large:** Someone who is appointed by City Council

Question applies to Police Advisory Board

What type of seat are you applying to fill? *

- ☒ Police Chief Appointee
 - ☒ At-Large
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Accurate and Complete

Please Agree with the Following Statement

I hereby certify and affirm that all of the information provided by me in this application (or any other accompanying or required documents) is correct, accurate and complete to the best of my knowledge. I understand that the falsification, misrepresentation or omission of any facts in said documents may be cause for disqualification of my application or my immediate removal from a board or commission.

- ☒ I Agree

Carlin Ashford

Raleigh, NC | 919-904-6532 | carlin.ashford@yahoo.com

EDUCATION

Fayetteville State University (UNCFSU), Fayetteville, NC

May 2020

Bachelor of Science in Chemistry

- Concentration: Material Science & Computer Science

GPA: 3.4

CERTIFICATIONS

- Certified Dell Tech Repair Technician Summer 2020
- SEM & TEM Microscopy Operator Certification Fall 2017
- Bioinformatics Lab Technician Fall 2016

INTERNSHIPS & RESEARCH EXPERIENCES for UNDERGRADUATES (REU)

City of Fayetteville Information Technologies (ITS) Department

Summer 2020

- Configure security settings or access permissions for groups or individuals
- Configure wide area network (WAN) or local area network (LAN) routers or related equipment
- Troubleshoot network or connectivity problems for users or user groups
- Install network software, including security or firewall software
- Test computer software or hardware, using standard diagnostic testing equipment and procedures

Duke Energy Intern

Winter 2019

- Identify opportunities to improve the operation, maintenance, or energy efficiency of building or process systems
- Analyze technical feasibility of energy-saving measures, using knowledge of

engineering, energy production, energy use, construction, maintenance, system operation, or process systems

- Educate customers on energy efficiency or answer questions on topics such as the costs of running household appliances or the selection of energy-efficient appliances
- Analyze energy bills, including utility rates or tariffs, to gather historical energy usage data

Summer REU Tuskegee University

Summer 2018

- Conduct 10-Week research program on Carbon Fiber & Natural Polymers for nautical vessels
- Set up and conduct chemical experiments, tests, and analyses, using techniques such as chromatography, spectroscopy, physical or chemical separation techniques, or microscopy
- Maintain, clean, or sterilize laboratory instruments or equipment
- Write technical reports or prepare graphs or charts to document experimental results
- Present research material by creating poster and discussing at 2018 NanoBio Summit

Summer REU University of Houston Cullen College of Engineering

Summer 2017

- Conduct 10-Week research program on graphene aerogels for solar heat absorption
- Set up and conduct chemical experiments, tests, and analyses, using techniques such as chromatography, spectroscopy, physical or chemical separation techniques, or microscopy
- Maintain, clean, or sterilize laboratory instruments or equipment
- Write technical reports or prepare graphs or charts to document experimental results
- Present research material by creating poster and paper to discuss at Cullen College Research Symposium

WORK EXPERIENCE

Radeas Labs Inc ***Molecular Diagnostic Technician (Travel) & IT Specialist*** Wake Forest, NC

January 2022 - Current

- Receive test samples according to SOPs
- Perform DNA/RNA extraction, quantification, and gel QC per SOPs
- Perform PCR, PCR clean up, and DNA sequencing per SOPs
- Report experimental results to project managers in a timely manner
- Follow established quality management policies and GLP and GMP practices
- Attend Biweekly Lab meetings on current research and future projects
- Travel to necessary location to provide diagnostic testing on-site
- Allocate time towards continuing education for monthly trainings

KSE Scientific ***Aseptic Manufacturing & Water Quality Technician***

Durham, North Carolina August 2021 - January 2022

- Maintains a sterile environment in the cleanroom, by garbing, cleaning the room, and behaving according to clean room procedures that align with CGMP practices or guidelines.
- Ensures all components entering the clean room are sterile.
- Coordinates and communicates with compounding and vial wash to obtain supplies needed to turn products; communicates within the clean room, from room to room.
- Documents, batch records, Climents (measurements of air in the room), lumacs (log use, maintenance, and cleaning of all equipment), and cleaning logs.
- Prepares and sterilizes components/vials for appropriate solutions; sterilizes solutions and fills into specified containers.
- Conduct bacteriological sampling and field testing using standard techniques;take samples of the water distribution system and wells using lab equipment and standard sampling methods to determine compliance with federal and local regulations;maintain equipment maintenance files to track system performance and maintenance procedures;test water samples for chlorine, conductivity, temperature, Volatile Organic Chemicals (VOC), SyntheticOrganic Chemicals (SOC), inorganics, and other analyses as required by state and federal regulations;

Mako Medical Labs ***Molecular Scientist (SARS-CoV-2)*** Henderson, North Carolina

May 2020 – June 2021

- Carry out molecular biology experiments following established SOP and/or guidance of laboratory management
- Receive test samples according to SOPs
- Perform DNA/RNA extraction, quantification, and gel QC per SOPs
- Perform PCR, PCR clean up, and DNA sequencing per SOPs
- Report experimental results to project managers in a timely manner
- Follow established quality management policies and GLP and GMP practices
- Performed test that involve DNA extraction, qPCR, and data analysis.
- Maintain laboratory notebooks that record research methods, procedures, and results.
- Performs other duties as assigned

UNCFSU ***Administrative Support*** Fayetteville, North Carolina June 2020 – May 2021

- Provide administrative support for the Office of Student Engagement department
- Answer telephones and give information to callers, take messages, or transfer calls to appropriate individuals
- Use computers for various applications, such as database management or word processing
- Schedule and confirm appointments for clients, customers, or supervisors
- Prepare conference or event materials, such as flyers or invitations
- Manage projects or contribute to committee or teamwork
- Train and assist staff with computer usage
- Data management & Student Tracking
- Review work done by others to check for correct spelling and grammar, ensure that company format policies are followed, and recommend revisions.
- Create supplemental material such as promotional video or event poster to get information out about events on campus

UNCFSU ***ITS Lab Staff*** Fayetteville North Carolina August 2019- May 2020

- Maintain a clean and orderly lab area for students to use and assist students and lab staffs with various task ITS related
- Set up equipment for employee use, performing or ensuring proper installation of cables, operating systems, or appropriate software
- Confer with staff, users, and management to establish requirements for new systems

or modifications

- Install and perform minor repairs to hardware, software, or peripheral equipment, following design or installation specifications

UNCFSU ***S4 Research Scholar*** Fayetteville, North Carolina August 2018 – May 2020

- Conduct intramural research with professors on campus
- Attend workshop sessions
- Present research posters
- Apply to summer REU Programs and conduct extramural research

UNCFSU ***Gear Up Tutor*** Fayetteville, North Carolina August 2018 – May 2019

- Provide feedback to students, using positive reinforcement techniques to encourage, motivate, or build confidence in students
- Review class material with students by discussing text, working solutions to problems, or reviewing worksheets or other assignments
- Participate in training and development sessions to improve tutoring practices or learn new tutoring techniques
- Collaborate with students, parents, teachers, school administrators, or counselors to determine student needs, develop tutoring plans, or assess student progress

National Institute of Health ***Research Training Initiative for Student Enhancement Scholar***
Fayetteville, North Carolina August 2016 – October 2018

- Conduct intramural research with professors on campus
- Attend workshop weekly biomedical sessions
- Present intramural research posters
- Participate in weekly bio-technique lab sessions
- Apply to summer REU Programs and conduct summer research

Fayetteville Police Department ***Downtown Steward***

Fayetteville, North Carolina June 2016 – February 2017

- Provide for public safety by maintaining order, responding to emergencies, protecting people and property, and promoting good community relations
- Call police or fire departments in cases of emergency, such as fire or presence of unauthorized persons
- Write reports of daily activities and irregularities, such as equipment or property damage, theft, presence of unauthorized persons, or unusual occurrences

Mindy's Chemicals ***Chemical Processor*** Fayetteville, North Carolina

September 2016 – February 2017

- Observe safety precautions to prevent fires or explosions
- Control or operate equipment in which chemical changes or reactions take place during the processing of industrial or consumer products
- Test product samples for specific gravity, chemical characteristics, pH levels, concentrations, or viscosities, or send them to laboratories for testing
- Flush or clean equipment, using steam hoses or mechanical reamers
- Inventory supplies received and consumed
- Scan labels on letters or parcels to confirm receipt

PROFESSIONAL AFFILIATIONS

- | | |
|-----------------------------------|--------------------------------|
| • Alpha Phi Alpha Fraternity Inc. | Fall 2017 – Current Member |
| • Chapter Vice President | October 2017 – 2019 |
| • Beta Kappa Xi Honor Society | November 2017 – Current Member |

- BIO-PHI-CHEM August 2016 – 2020
- Student Government Association August 2017-2019
 - Senator/IT Committee Chair

HONORS & AWARDS

- Alphonso McCoy Youth Award 2019
- Travis L Cherry Scholarship Award 2018
- IMREL Student Award 2016 – 2018
- Rotary Scholar Award 2016
- FSU Dean's List 2014-2016
- Campus Involvement Award 2016
- Presidential Scholar "Outstanding Academic Achievement" 2016
- Leadership Award 2016
- Outstanding Senior 2016
- University Campus Life Achieve 2015
- FSU Dean's List 2014-2016

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PUBLICATIONS & POSTERS

Ashford, C., Trapier, T., George, G., Davis, J., Ila, D., & Luo, Z. (2018). Cathodoluminescence from Nanoscale Scintillators using an Electron Probe Microanalyzer. *Microscopy and Microanalysis*, 24(S1), 2054-2055. doi:10.1017/S1431927618010759

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Kashyap, Varun & Medhi, Riddhiman & Irajizad, Peyman & Jafari, Parham & Nazari, Masoumeh & Masoudi, Ali & Marquez, Carlin & Maria & Lee, T. & Ghasemi, Hadi. (2019).

Capture and conversion of carbon dioxide by solar heat localization. Sustainable Energy & Fuels.
3. 10.1039/C8SE00546J.

UG 03: Effects of Binary Nanoparticles on Mechanical & Thermomechanical Performance of
Epoxy SC-780 Composites Carlin Ashford¹, Delroy Watson², Alfred Tcherbi-
Narteh² ¹Chemistry Department, North Carolina State University; ²Materials Science &
Engineering, Tuskegee University, Tuskegee, AL