

---

## Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

ondrea.austin@gmail.com

Email Address

Ondrea

First Name

Austin

Last Name

Middle Initial

220 Elizabeth St Unit B4

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27514

Postal Code

Mobile:

Primary Phone

Home:

Alternate Phone

---

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

4-9 years

---

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than three groups from the list below to which you would like to apply.

## Which Boards would you like to apply for?

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

## Select a Seat Category for the Environmental Stewardship Advisory Board \*

---

Chapel Hill Resident

Question applies to multiple boards

## Which Board is your First Choice? \*

---

Environmental Stewardship Advisory Board

## How did you find out about this opportunity? (select all that apply)

---

Internet

If you chose "Other" from the advertising opportunity listed above, please specify specify:

---

---

## Interests & Experiences

Question applies to multiple boards

## What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

---

I am a mid-career professional with nearly 20 years of experience in community development and human services. I am also a lifelong environmental sustainability advocate who has volunteered locally with Citizens Climate Lobby and NC Warn. In 2018, I joined CHALT in petitioning the Town Council to revise Chapel Hill's tree protection ordinance. I am a monthly sustainer of the Triangle Land Conservancy. I believe in protecting the beauty of nature and finding better ways to live sustainably, both for humanity's sake and that of all life on Earth.

## Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.

---

I have two Masters degrees from Brandeis University: an M.A. in Sustainable International Development and an M.B.A. I recently trained as a solar energy consultant with Sun Dollar Energy LLC in Raleigh. I am a member of the International Society of Sustainability Professionals and the NC Sustainable Energy Association. Feel free to visit my LinkedIn profile for more information at <https://www.linkedin.com/in/ondreaaustin>.

Ondrea Austin

---

You may upload a supporting document (e.g., CV or resume). Please be advised that any information submitted becomes a public record and may be searchable online.

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

---

Caucasian/Non-Hispanic

### Gender \*

---

Female

If other, please describe:

---

Please select your age from the following list. \*

---

35-54

Manager of corporate and  
community partnerships for  
Durham Public Schools

---

Occupation

Are you a caregiver for or identify with a disability?

---

Yes  No

Have you participated in the Peoples Academy?

---

Yes  No

Are you a Town of Chapel Hill employee?

---

Yes  No

---

## Ethics Statement

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

---

## Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

bberndt500@aol.com

Email Address

Christine

First Name

S

Middle Initial

Berndt

Last Name

621 Rock Creek Road

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27514

Postal Code

Home: (919) 942-4560

Primary Phone

Alternate Phone

---

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

Greater than 10 years

---

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

## Which Boards would you like to apply for?

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

## Select a Seat Category for the Environmental Stewardship Advisory Board \*

---

Chapel Hill Resident

## Which Board is your First Choice? \*

---

Environmental Stewardship Advisory Board

## How did you find out about this opportunity? (select all that apply)

---

Email

If you chose "Other" from the advertising opportunity listed above, please specify:

---

---

## Interests & Experiences

Question applies to multiple boards

## How do you describe your previous advisory board experience?

---

Chapel Hill Board Experience

## What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

---

I am completing 7 years on the Community Design Commission, including being Vice-Chair for 4 of those years. Prior to that I served on the Greenways Commission for 7 years, and was Chair for 5 years. I would continue to advocate for building design which uses the best of modern design principles and incorporates sustainable development/green building practices, while also respecting the context of Chapel Hill's environment and history. I am an advocate of environmentally-based planning which balances appropriate site design with ecological principles. I believe local actions to address climate change are critical, and I support implementation of Chapel Hill's Climate Action Plan.

**Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.**

I have a Master of Regional Planning from the University of North Carolina at Chapel Hill, with concentrations in urban design and housing. I am a retired city planner with 28 years experience, especially in long-range planning. I have a good working knowledge of Town processes and ordinances. I work hard to review the materials and prepare for meetings. I hope to build upon what I have learned in my advisory board experiences and to continue to serve the community.

Question applies to Historic District Commission

**Do you have special interest, experience, or education/training in history, architecture, archaeology, or related fields? If yes, please explain.**

I have a lifelong interest in historic preservation and architecture. In my planning coursework at UNC I studied with Robert Stipe, including a planning law class and a design studio which resulted in creation of the Tarboro, NC historic district. My Masters paper was on historic preservation and urban housing policy. I have an Bachelor's degree in History from Beloit College. I am a member of several preservation organizations. I have worked on developing design guidelines in the Blue Hill District, and am an advocate for developing similar guidelines for downtown.

You may upload a supporting document (e.g., CV or resume). Please be advised that any information submitted becomes a public record and may be searchable online.

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

**Ethnicity \***

Caucasian/Non-Hispanic

**Gender \***

Female

**If other, please describe:**

**Please select your age from the following list. \***

over 55

retired planner

Occupation

Are you a caregiver for or identify with a disability?

Yes  No

Have you participated in the Peoples Academy?

Yes  No

Are you a Town of Chapel Hill employee?

Yes  No

---

## Ethics Statement

### ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.”

Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

Question applies to multiple boards

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

---

## Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

wdbnbal@aol.com

Email Address

William

First Name

D

Middle Initial

Brown

Last Name

7 Brandon Rd

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27517

Postal Code

Home: (919) 428-8978

Primary Phone

Home:

Alternate Phone

---

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

Greater than 10 years

---

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.



## Which Boards would you like to apply for?

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

## Select a Seat Category for the Environmental Stewardship Advisory Board \*

---

Chapel Hill Resident

Question applies to multiple boards

## Which Board is your First Choice? \*

---

Environmental Stewardship Advisory Board

## How did you find out about this opportunity? (select all that apply)

---

Email

If you chose "Other" from the advertising opportunity listed above, please specify:

---

---

## Interests & Experiences

Question applies to multiple boards

## What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

---

Residential homeowner in Estes Hills for 8 years, presently living in rental apartment in Glen Lennox for past 4 years.

Question applies to multiple boards

## Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.

---

Avid runner, cyclist, walker and hiker. I frequently use greenway trails and connections for exercise, shopping, dining out and accessing entertainment venues. Former Committee Chair of Scout group 835 (adjacent to Amity United Methodist Church on Estes Dr.).

Question applies to multiple boards

---

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

---

Caucasian/Non-Hispanic

### Gender \*

---

Male

If other, please describe:

---

Please select your age from the following list. \*

---

over 55

Environmental Health  
Specialist

---

Occupation

Are you a caregiver for or identify with a disability?

---

Yes  No

Have you participated in the Peoples Academy?

---

Yes  No

Are you a Town of Chapel Hill employee?

---

Yes  No

---

## Ethics Statement

Question applies to multiple boards

## **ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS**

---

**Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.” Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.**

---

I Agree \*

Question applies to multiple boards

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

---

## Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

kcowan@unc.edu

Email Address

Kristen

First Name

N

Middle Initial

Cowan

Last Name

118 Lantern Way

Street Address

Suite or Apt

Carrboro

City

NC

State

27510

Postal Code

Home: (330) 760-5087

Primary Phone

Alternate Phone

---

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Carrboro Town limits (Light Pink)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

0-12 months

---

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

## Which Boards would you like to apply for?

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

## Select a Seat Category for the Environmental Stewardship Advisory Board \*

---

Non-Chapel Hill Resident from Orange, Durham, Alamance, or Chatham County

## Which Board is your First Choice? \*

---

Environmental Stewardship Advisory Board

## How did you find out about this opportunity? (select all that apply)

---

Other (provide additional information below)

## If you chose "Other" from the advertising opportunity listed above, please specify:

---

Member of Sunrise Movement told me

---

## Interests & Experiences

### What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

---

I am an environmental epidemiologist and I research how climate related disasters like flooding impact people's health and more generally how the environment they live in impacts their health. I am fairly new to Chapel Hill but I plan to be here for a while as I work on my PhD at UNC Chapel Hill and I have taken a strong interest in this community since moving here. Overall, I am an advocate for climate justice and would like to bring this perspective to the board.

### Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.

---

I have a number of leadership experiences and skills that qualify me to be a member of the board. I am well-organized, driven to help my community and have years of experience studying environmental health. I have the ability to research things I do not know about, learn quickly and collaborate with people with different perspectives which I think would be useful skills on this board.

Kristen N Cowan

[Kcowan CV 3.11.21.pdf](#)

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

Caucasian/Non-Hispanic

### Gender \*

Female

If other, please describe:

Please select your age from the following list. \*

25-34

Epidemiologist/Student

Occupation

Are you a caregiver for or identify with a disability?

Yes  No

Have you participated in the Peoples Academy?

Yes  No

Are you a Town of Chapel Hill employee?

Yes  No

---

## Ethics Statement

## ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.”

Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

Question applies to multiple boards

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

Kristen N. Cowan, MPH

330-760-5087

[Kcowan@unc.edu](mailto:Kcowan@unc.edu)

@EpiKristen

## EDUCATION

- 2020-Present **The University of North Carolina at Chapel Hill, Gillings School of Global Public Health,** Chapel Hill, NC  
PhD, Epidemiology
- 2016-2018 **Emory University Rollins School of Public Health,** Atlanta, GA  
MPH, Global Epidemiology with a Certificate in Complex Humanitarian Emergencies  
Thesis: *Factors Associated with Sexually Transmitted Viral Infections in Young Men who have sex with Men in the United States*
- 2012-2016 **The Ohio State University School of Public Health,** Columbus, OH  
BS, Major: Public Health, Minor: Spanish Language

## PROFESSIONAL EXPERIENCE

- 2021-present **Predoctoral Fellow,** Chapel Hill, NC  
Center for Public Health and Environmental Assistance, Epidemiology Branch  
Environmental Protection Agency (EPA)
- 2020-present **Graduate Research Assistant,** Remote  
Real World Evidence and Epidemiology  
GlaxoSmithKlein
- 2018-2020 **Research Fellow,** Atlanta, GA  
National Center for Environmental Health, Asthma and Community Health Branch  
Centers for Disease Control and Prevention (CDC)
- 2017-2018 **Data Analyst Intern,** Atlanta, GA  
Biostatistics Collaboration Core  
Emory University Rollins School of Public Health
- 2017-2017 **Practicum Student,** Restauración, Dominican Republic  
Foundation for International Medical Relief of Children
- 2017-2017 **Emergency Management Apprentice,** Atlanta, GA  
Emergency Management Branch  
Centers for Disease Control and Prevention (CDC)
- 2016-2017 **Associate,** Atlanta, GA  
Disaster Doc Consulting
- 2015-2016 **Minority Outreach Assistant,** Columbus, OH  
Equitas Health
- 2014-2015 **Nutrition Educator,** Columbus, OH  
Children's Hunger Alliance

## Teaching Experience

- 2017-2017 **Teaching Assistant,** Atlanta, GA  
Emory University, College of Arts and Science  
Introduction to Epidemiology for Undergraduate Students
- 2018-2018 **Teaching Assistant,** Atlanta, GA



## GRANT SUPPORT

### Current:

**Role:** Principal Investigator  
**Source:** Natural Hazards Center/National Science Foundation  
**Title:** *Maria Mortality Study: Ascertaining the excess mortality and associated risk factors following Hurricane Maria in Puerto Rico.*  
**Award Type:**  
**Amount:** \$25,000  
**Years:** 2020-2021

## MANUSCRIPTS

### Published:

1. **Cowan, K.**, Pennington, A., Gregory, T., & Hsu, J. (2021). Impact of Hurricanes on Children With Asthma: A Systematic Literature Review. *Disaster Medicine and Public Health Preparedness*, 1-6. Doi:10.1017/dmp.2020.424
2. **Cowan KN**, Qin X, Ruiz Serrano K, Sircar K, Pennington AF. Uncontrolled asthma and household environmental exposures in Puerto Rico. *J Asthma*. 2020 Dec 21:1-11. Doi: 10.1080/02770903.2020.1858861. Epub ahead of print. PMID: 33272056.
3. Chatham-Stephens K, Roguski K, Jang Y, Cho P, Jatlaoui TC, Kabbani S, Glidden E, Ussery EN, Trivers KF, Evans ME, King BA, Rose DA, Jones CM, Baldwin G, Delaney LJ, Briss P, Ritchey MD; **Lung Injury Response Epidemiology/Surveillance Task Force**; Lung Injury Response Clinical Task Force. Characteristics of Hospitalized and Nonhospitalized Patients in a Nationwide Outbreak of E-cigarette, or Vaping, Product Use-Associated Lung Injury – United States, November 2019. *MMWR Morb Mortal Wkly Rep*. 2019 Nov 22;68(46):1076-1080. Doi: 10.15585/mmwr.mm6846e1. PMID: 31751326; PMCID: PMC6871898.

### In Progress:

1. **Cowan, K.**, Pennington, A., Sircar, K.& Flanders, D. (2021). Asthma-related emergency department visits in North Carolina following Hurricane Irene. Revise and resubmit at *Disaster Medicine and Public Health Preparedness*.

## PRESENTATIONS

### Oral:

1. **Cowan, K.**, Pennington, A., Sircar, K.& Flanders, D. Asthma-related emergency department visits in North Carolina following Hurricane Irene. Natural Hazards Center Workshop Researchers Meeting, July 2020, Virtual
2. **Cowan, K.**, Gregory, T. Pennington, A. Sircar, K. Children with Asthma: Post-Hurricane Burden and Risk Factors, National Center for Environmental Health Cooperative Agreement Mid-Award Meeting, April 2019

### Poster:

1. **Cowan, K.**, Pennington, A. Gregory, T. Hsu, J. Impact of Hurricanes on Children with Asthma. Society for Epidemiologic Research, 2020, Virtual.
2. **Cowan, K.** Pennington, A. Sircar, K. Flanders, D. Asthma-related emergency department visits in North Carolina following Hurricane Irene. Society for Epidemiologic Research, 2020, Virtual.

3. **Cowan, K.**, Pennington, A. Dunn, M. Sheth, K. Guerrero, R. Using existing survey infrastructure to measure disease burden following a disaster at the state and local level. Public Health Preparedness Conference, August 2020, Virtual
4. **Cowan, K.**, Sircar, K. Gregory, T. Existing Tools and Opportunities to Improve Health Among Children with Asthma After Hurricanes. Public Health Preparedness Conference, April 2019, St. Louis, MO
5. **Cowan, K.** Monitoring and Evaluating a Community Health Worker Program on the border of the Dominican Republic and Haiti. Emory University Rollins School of Public Health Practicum Presentation Session, October 2017, Atlanta, GA.
6. **Cowan, K.** Bridging the Gap Between Consumers, Providers and Policy Makers: A Capstone Project. Ohio State University College of Public Health Capstone Presentation Session, April 2016, Columbus, OH.
7. **Cowan, K.** Risk of HIV and Hepatitis C among Heroin Using Populations. Annual Biomedical Research Conference for Minority Students, November 2019, Seattle, WA.

### GUEST LECTURES

2020

#### **Using Power BI to Help Visualize your Data**

CDC Asthma and Community Health Branch lecture series

2019

#### **Climate Change and Public Health Emergencies**

Public Health Preparedness Class Emory University Rollins School of Public Health

### HONORS AND AWARDS

2020

#### **Mary Fran Myers Award for Excellence in Disaster Research**

National Hazards Center Workshop

2019

#### **CDC 2019 Fellows Collective Award Nominee**

CDC Fellows Collective Annual Meeting

2019

#### **SAS 2019 New Professional Award**

SAS Global Forum 2019

2017

#### **2017 Atlanta Health Data Challenge 1<sup>st</sup> Place Award**

Deloitte Health Data Challenge

### CERTIFICATIONS

2018

NEHA Environmental Health Training in Emergency Response (EHTER)-Awareness Level

2017

FEMA IS.100.b Introduction to Incident Command System

FEMA IS.200.b: Incident Command System for Single Resource and Initial Action Incidents

FEMA IS.700.a: National Incident Management System (NIMS)

FEMA IS.800.b: National Response Framework

CDC EOC 101: Introduction to Emergency Operations Center

CDC CERC: Crisis and Emergency Risk Communication

CDC Public Health Readiness Certificate Program

### LEADERSHIP AND MEMBERSHIP

2019-2020

**Chair**

2018-Present CDC Employee Association of Emory Alumni Committee  
**Section Councilor**  
American Public Health Association (APHA) Epidemiology Section

2017-2018 **Student Liaison**  
American Public Health Association (APHA) Epidemiology Section

2017-2018 **Co-Logistician**  
Student Outbreak and Response Team (SORT), Emory University Rollins School of Public Health

2017-2018 **Quality Improvement Coordinator**  
Clarkston Community Health Center

2015-2016 **Ambassador**  
Ohio State University College of Public Health

2015-2016 **Student Director**  
Pay It Forward at the Ohio Union

2013-2016 **Co-President**  
Project Nicaragua at Ohio State University

2012-2015 **CAUSE Coordinator**  
Pay It Forward at the Ohio Union

AD HOC REVIEW

Manuscripts

Conferences

Journal of Disaster Medicine and Public Health Preparedness  
American Public Health Association Annual Meeting

---

## Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

jesusagv5@gmail.com

Email Address

Jesus

First Name

Gonzalez

Last Name

993 CLELAND DRIVE

Street Address

APT RR

Suite or Apt

CHAPEL HILL

City

NC

State

27517

Postal Code

Primary Phone

Alternate Phone

---

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

1-3 years

---

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

**Which Boards would you like to apply for?**

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

**Select a Seat Category for the Environmental Stewardship Advisory Board \***

---

Chapel Hill Resident

Question applies to Planning Commission

**Select a Seat Category for the Planning Commission \***

---

Chapel Hill Resident

**Which Board is your First Choice? \***

---

Planning Commission

---

**How did you find out about this opportunity? (select all that apply)**

---

Newspaper

If you chose "Other" from the advertising opportunity listed above, please specify:

---

---

**Interests & Experiences**

Question applies to multiple boards

**How do you describe your previous advisory board experience?**

---

Little or No Experience

**What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?**

---

First generation, historically excluded groups, working poor upbringing

**Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.**

---

BA in Public Policy

Jesus Gonzalez

Question applies to Planning Commission

**Do you have special interest, experience, or education/training in city planning, design field, environment, housing, transportation or related fields? If yes, please explain.**

---

MCRP candidate prospective start ago 2021

---

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

**Ethnicity \***

---

Other

**Gender \***

---

Nonbinary or third gender

**If other, please describe:**

---

**Please select your age from the following list. \***

---

25-34

---

Occupation

**Are you a caregiver for or identify with a disability?**

---

Yes  No

**Have you participated in the Peoples Academy?**

---

Yes  No

**Are you a Town of Chapel Hill employee?**

---

Yes  No

---

## Ethics Statement

Jesus Gonzalez

## ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.”

Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

Question applies to multiple boards

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

---

## Profile

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

janeoliviaharris@gmail.com

Email Address

Jane

First Name

Harris

Last Name

914 Crestwood Lane

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27517

Postal Code

Home: (513) 827-2731

Primary Phone

Alternate Phone

---

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

## What district do you live in? \*

Orange County-ETJ (Blue)

[Please consult the town maps HERE if you are unsure.](#)

## If you are a Chapel Hill Resident, How long have you lived here?

1-3 years

---

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

## Which Boards would you like to apply for?

---

Environmental Stewardship Advisory Board: Eligible



Question applies to Environmental Stewardship Advisory Board

**Select a Seat Category for the Environmental Stewardship Advisory Board \***

---

Non-Chapel Hill Resident from Orange, Durham, Alamance, or Chatham County

Question applies to Parks, Greenways and Recreation Commission

**Select a Seat Category for the Parks, Greenways and Recreation Commission \***

---

Orange County Resident

**Which Board is your First Choice? \***

---

None Selected

---

**How did you find out about this opportunity? (select all that apply)**

---

Internet

**If you chose "Other" from the advertising opportunity listed above, please specify:**

---

---

**Interests & Experiences**

**What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?**

---

I've lived in worked in multiple large cities (NYC, Chicago, Seattle) and have been privy to their environmental conservation efforts.

**Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.**

---

strategic leadership, project management, change management, financial and risk assessment

[Jane Olivia Harris Resume2021.pdf](#)

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

African American

### Gender \*

Female

If other, please describe:

Please select your age from the following list. \*

35-54

Strategy Manager \_\_\_\_\_

Occupation

Are you a caregiver for or identify with a disability?

Yes  No

Have you participated in the Peoples Academy?

Yes  No

Are you a Town of Chapel Hill employee?

Yes  No

---

## Ethics Statement

## ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.”

Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

# JANE OLIVIA HARRIS

janeoliviaharris@gmail.com | 914 Crestwood Lane, Chapel Hill, NC 27517 | (513) 827-2731

## KEY SKILLS

---

Soft Skills: Team leadership, communication, negotiation, innovative solutions/problem solving, contract analysis, collaboration, judgement/decision making

Hard Skills: Profitability and financial analysis, Power BI, SAP, Oracle Hyperion, Structured Query Language (SQL), Microsoft Office Suite (Excel- advanced), and Spanish (comprehensive knowledge)

## EXPERIENCE

---

### **Microsoft—Redmond, WA**

#### ***Lifetime Value, Marketing & Consumer Business, Senior Finance Manager***

**2018-Present**

- Led an end-to-end user centric product analysis for a new type of device which was the first of its kind for Microsoft including cohesively and comprehensively synthesizing finance, business, and product insights to drive business decisions for a very ambiguous program contributing \$16M GM
- Provided key financial insights and direction during the product development cycle which led to a \$3M GM increase within the first two years of the customer lifetime
- Acted with consistency and tenacity making Lifetime Value a regular part of the marketing business review and finance close/fcst cycle resulting in positive business partnership feedback
- Authored an executive business case in collaboration with the Wharton School of Business which was the first time that a concrete, well written, end-to-end business case was developed that will easily acclimate students with customer lifetime value

### **United Airlines—Chicago, IL**

#### ***Customer Solutions & Recovery, IRROPs Recovery, Project Manager***

**2017-2018**

- Led two projects with IT and the customer services solutions desk to enhance performance and drive innovative, customer-focused compensation
- Acted as change agent across operations group by initiating creation of an accurate and comprehensive view of Irregular operations costs which involved influencing and collaborating with finance, accounting, operations, and IT groups

### **Financial Planning & Analysis Senior Associate, Sales**

**2015-2017**

- Implemented a systematic evaluation process measuring South American office performance across multiple geographic regions and synthesized key findings into a quarterly performance presentation including tactical strategies for business partners across corporate real estate, network planning, sales, and finance
- Provided pivotal analysis for capital project and acted as liaison across airport operations, marketing, and finance to analyze incremental costs as a result of product upgrades; resulted in successful rate renegotiation, volume corrections, and a cost decrease of 41%

### **PEPSICO, INC.—Chicago, IL**

#### ***Sales Strategy and Finance Manager***

**2014-2015**

- Forecasted effectively financial risks, constructed thoughtful analysis to overcome downward trends, led a cross-functional team to optimize trade spend overcoming risks and delivering Q1 sales of 112% to prior year
- Resolved large-scale data issues to restate 2015 revenue plan for all 42 stores and led a team to realign and disseminate goals to senior directors of sales and finance nationwide

**Net Revenue Management Associate Manager****2013-2014**

- Developed and maintained a profitability model providing financial thought leadership and presented analysis and insights to category CFOs; led a quarterly customer driven playbook to drive business results and guide investment decisions across Finance
- Created stronger innovation performance analysis through a scorecard tracking actual sales vs. plan for specific customers with YTD commentary and led discussions with key stakeholders to build credibility and generate insights for 2015 indicating pricing, mix, and cost variances

**Quaker Brand Finance Analyst****2012**

- Analyzed customer and channel profitability through creation of new analysis tool to exponentially increase financial benefit (gross profit increase of 2% compared to generally accepted estimates of 0.5%)
- Collaborated with 49+ employees across sales, marketing, technology, and finance to cultivate best practices in obtaining accurate customer and channel information and created the first comprehensive brand and customer level P&L for a billion dollar division

**MARSH & McLENNAN COMPANIES – New York, NY***Airlines and Aerospace Projects Risk Management***Assistant Vice President****2011**

- Identified new client relationships via large-scale data deep-dive analysis and utilized results to initiate relationships with Philadelphia office that increased firm income by 5% in 2011 with 100% retention rate
- Managed pricing negotiations, contract analysis, and audits for portfolio of 36 accounts, including financial services firms, totaling \$1M in income for the practice

**Client Advisor****2009- 2011**

- Executed client proposal initiatives that increased income by over \$350K in 2010 by using strong analytical and communication skills to influence decision-making
- Led team of 6 direct reports and streamlined operations by implementing use of strategic tools to improve renewal process efficiency and accuracy, decreasing per renewal cost by 8% due to process automation

**Risk Analyst****2007- 2009**

- Assisted lead brokers located internationally on 60 accounts (over \$88M in premium) through data analysis, day-to-day customer servicing, client meeting preparation and attendance, and contract analysis
- Researching and developing a strategic system to potentially grow profits by \$2.6M for the Northeast Zone

**EDUCATION**

---

**UNIVERSITY OF NORTH CAROLINA, Kenan-Flagler Business School****5/2013****Master of Business Administration**

- Concentration in Corporate Finance, Consortium Fellowship - Full Merit Scholarship. Studied at the Pontificia Universidad Católica de Chile; Business consulting experience in Bangkok, Thailand

**WELLESLEY COLLEGE - Wellesley, MA****6/2007****Bachelor of Arts, Double-major in Economics and Spanish**

- Year at Universidad de Córdoba in Spain; Business consulting experience in Ghana and the Dominican Republic

**ADDITIONAL**

---

- Passions: Opera, Hiking, Dogs, Camping, Home Improvement
- Founder and Executive Director of SOLTERA parent (an organization that focuses on economic empowerment for single parents and their children)

---

## Profile

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

thenkel1@nc.rr.com

Email Address

E. Thomas

First Name

Middle Initial

Henkel

Last Name

3 Mt. Bolus Road

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27514

Postal Code

Business: (919) 960-2589

Primary Phone

Mobile: (919) 593-5510

Alternate Phone

---

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

## What district do you live in? \*

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

## If you are a Chapel Hill Resident, How long have you lived here?

Greater than 10 years

---

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

## Which Boards would you like to apply for?

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Community Design Commission

**Select a Seat Category for the Community Design Commission**

---

Chapel Hill Resident

Question applies to Environmental Stewardship Advisory Board

**Select a Seat Category for the Environmental Stewardship Advisory Board \***

---

Chapel Hill Resident

**Which Board is your First Choice? \***

---

Environmental Stewardship Advisory Board

---

**How did you find out about this opportunity? (select all that apply)**

---

Advisory Board or Council member

**If you chose "Other" from the advertising opportunity listed above, please specify:**

---

---

**Interests & Experiences**

Question applies to multiple boards

**How do you describe your previous advisory board experience?**

---

Chapel Hill Board Experience

**What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?**

---

I am a sustainable energy professional with over 40-years experience in solar energy and in energy efficient buildings. My experience includes performing energy audits for the New York State Energy Office from 1988 to 1994, managing an energy audit program for Consolidated Edison of NY from 1996 to 1998, and performing energy audits and other building energy projects from Lockheed Martin Energy Services from 2008 to 2016. I have performed and reported on approximately 650 energy audits of commercial, industrial, and institutional buildings. My solar energy experience includes managing or consulting to ten solar/gas absorption chiller HVAC projects, solar hot water projects including the UNC Morrison Dorm project, and I am currently under contract to the Veterans Administration to perform third-party commissioning of solar PV electric plants being installed at VA Medical Centers nation-wide. Among other responsibilities, the CDC is charged with reviewing building envelopes for new construction projects brought to the Town for review and approval. With climate change probably the most important issue facing the world today, it is important that the Town of Chapel Hill do all that it can to reduce the carbon footprints of all buildings within its borders over which it has any regulatory authority. Almost half of all energy use in the US today is for the heating and cooling of buildings and for the production of hot water. A properly-designed building envelope using state-of-the-art techniques is the first place to start to insure that this building will be energy efficient in order to reduce its carbon footprint. I am very familiar with most of these sustainable energy building design techniques through my energy audit and building-integrated solar energy work, and through working with one of the leading sustainable building architects in the US to design low carbon-footprint buildings. Therefore, I will add this unique sustainable energy experience to the CDC to enable it to better carry out its responsibilities. I was a charter member of the Million Solar Roofs Committee and the Sustainability Committee, and I currently serving on the Environmental Stewardship Advisory Board.

**Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.**

---

My leadership skills have enabled me to lead a successful effort to form a nonprofit corporation (Chelsea Art Theater, Inc.) as its President, to pull together a team of professionals, and to raise sufficient funds to purchase the Chelsea Theater from the owners Bruce and Mary Jo Stone. We began operations as the new owner on March 30, 2018, and we were very successful by increasing attendance and developing a membership of over 1400 Chapel Hillians! The pandemic caused us to suspend operations in March 2020, and we will resume on April 16, 2021. We used the down time to renovate the theater through fundraising of approximately \$120,000.

Question applies to Community Design Commission

**Do you have special interest, experience, or education/training in design field, architecture, landscape design, horticulture, city planning, green design, place making or related fields? If yes, please explain.**

---

As a Solar Developer, I have worked with Innovative Design of Raleigh to design building-integrated solar PV and solar thermal systems. I have managed two projects and consulted to 4 other solar thermal/natural gas absorption chiller cooling and heating projects. Three of these projects used 2E absorption chillers, and these were the first such projects in the US.

[HenkelResume112513.pdf](#)

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**



---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

---

Caucasian/Non-Hispanic

### Gender \*

---

Male

If other, please describe:

---

Please select your age from the following list. \*

---

over 55

President, Sustainable Energy  
Consulting

Occupation

Are you a caregiver for or identify with a disability?

---

Yes  No

Have you participated in the Peoples Academy?

---

Yes  No

Are you a Town of Chapel Hill employee?

---

Yes  No

---

## Ethics Statement

## ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.”

Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

**E. Thomas Henkel, Ph.D**  
**Henkel Solar Incorporated**  
**3 Mount Bolus Rd., Chapel Hill, NC 27514**  
**Telephone/Fax: 919-960-2589**  
**E-Mail: [thenkel1@nc.rr.com](mailto:thenkel1@nc.rr.com)**

---

### **General Background and Skills Highlights**

Over 40 years of experience with scientific education, energy conservation, renewable energy systems, and personnel management. Previous experience includes the design, development and management of commercial solar energy heating and cooling installations and management of energy audit programs.

### **Relevant Experience**

- ◆ Managed the Consolidated Edison Company Energy Audit Program for Lockheed Martin Energy Services. This project involved comprehensive energy audits with full building simulations and analysis.
- ◆ Concept design and energy performance studies of solar electric, solar thermal CHP, and solar thermal systems.
- ◆ Energy Advisor for the New York State Energy Advisory Service to Industry. Performed and wrote reports on 320 energy audits of commercial and industrial buildings.
- ◆ Designed, developed and implemented four commercial solar energy heating and cooling installations.
- ◆ Consultant for Solar Enterprises International and Solargenix Energy in the design and marketing of solar energy systems including solar thermal electric, solar thermal CHP, and solar absorption HVAC.
- ◆ Collaborated with Dr. Richard Christensen of the Ohio State University in the design, fabrication, and testing of a dual fuel/hot fluid heat exchanger for absorption cycle heat pumps, chillers, heat engines, and refrigeration equipment. Patent issued in June, 2006.
- ◆ Independent commissioning of solar PV systems for the Veterans Administration.

### **Education**

Ph.D, Physics Education, The University of Toledo, Toledo, Ohio, 1965  
M.S., Physics, The University of Toledo, Toledo, Ohio, 1965.  
M.Ed, Science Education, The University of Toledo, Toledo, Ohio, 1963  
A.B., Pre-Engineering, Columbia College, New York, New York, June, 1958

### **Solar Projects Managed or Consultancy**

1978: Manager, Wagner College solar-driven 320-ton 1E absorption chiller HVAC. \$1,100,000.  
1997: Co-manager, Sacramento CA solar-driven 20-ton 2E absorption chiller HVAC. \$650,000.  
2002: Consulted to Austin TX solar-driven 30-ton 1E absorption chiller HVAC. \$350,000.  
2003: Consulted to Raleigh NC solar-driven 50-ton 2E absorption chiller HVAC. \$900,000.  
2006: Consulted to Carnegie Mellon University solar-driven 4.6-ton 2E absorption chiller HVAC. \$85,000.  
2008: Consulted to Steinway & Sons, New York, NY solar/gas-driven 83/99-ton 2E absorption

- space cooling and LP steam system. \$900,000.
- 2010: Consulted to SunQuest Energy, Orlando FL, solar-driven 40-ton 1E absorption chiller HVAC. \$880,000
- 2011: Consulted to Synergy California, 75-ton solar-driven 75-ton 1E absorption chiller HVAC in Hermosillo Mexico.

### ***Selected Job History***

**Lockheed Martin Energy Services**  
**Rockville, Maryland**

**1996 to present**

**Project Manager. 1996 to 1998** — Managed the Lockheed Martin New York City office. Principle activities included administering the Consolidated Edison Company Energy Audit Program which involved personally performing 130 comprehensive energy audits with full building simulations and analysis. This project included the management of field engineers along with supervision of preparation, printing, and mailing of reports to Consolidated Edison. Additional work involves projects for the New York Energy Research & Development Authority FexTech Program and Energy audits for New York commercial, industrial, and institutional customers. Management responsibilities included payroll, budget administration, revenue/costs forecasting, personnel evaluation, and project reporting.

**Project Engineer. 1998 to Present** — Works on a variety of projects involving building energy systems analysis and technical application studies for manufacturers, utilities, and others including solar electric and solar thermal applications.

**Solar Enterprise International, LLC**  
**Chicago, Illinois**  
**Solargenix Energy, LLC**  
**Sanford, NC**

**1994 to 2010**

**Consultant.** He designed and co-managed a project in Sacramento, CA to demonstrate new higher temperature solar energy technology for commercial HVAC systems. This \$600,000 project, finished in 1997 and funded primarily by the California Energy Commission, installed a 1200 sq.ft. array of Integrated Compound Parabolic Concentrator evacuated tube collectors which powers a 20-ton double-effect absorption water chiller as part of a complete HVAC system for an 8,000 sq.ft. commercial building. This is the first time that a non-tracking solar thermal collector array is successfully powering a double-effect absorption water chiller to meet the air conditioning needs of a building. He collaborated with the Mechanical Engineering Department of The Ohio State University in the design, fabrication and testing of an integrated solar and natural gas fired 2E absorption chiller. A patent on this technology was issued in June, 2006. He now assists Solargenix in designing and marketing solar hot water and solar absorption and other HVAC systems. These include a 50-ton 2E absorption chiller in Raleigh, NC, a 30-ton 1E absorption chiller in Austin, TX, and a 172 collector solar hot water system for UNC Chapel Hill. A 1000 collector solar hot water plant is under design for a NC industrial plant. He consulted to Carnegie Mellon University for the installation and commissioning of a solar-driven Broad 4.6-ton dual-fired 2E absorption chiller. He prepared concept plans for Duke Energy Carolinas for a metered solar hot water program. Dr. Henkel is presently consulting to ERS, Inc. for the design, installation and commissioning of a solar-driven 99-ton 2E absorption chiller project in New York City partially funded by NYSERDA, to SunQuest Energy of

Orlando FL for a 40-ton solar 1E absorption chiller system at Fort Bliss, El Paso TX, and to Synergy California for a solar-driven 75-ton 1E absorption chiller system in Hermosillo Mexico.

**Facility Strategies Group, LLC**  
**Fort Mill, SC**

**2008 – 2011**

Performed energy audits of 20 government buildings in Montgomery County, Maryland. Prepared solar feasibility studies.

**Wagner College**  
**Staten Island, New York**

**1967-1996**

**Professor of Physics and Chairman of the Physical Sciences Department, 1967 to 1996—** Taught courses in Physics, other Physical Sciences, Mathematics, and the History of Science. Responsibilities included the management of the department budget, supervision of faculty, and maintenance of chemistry and physics laboratories, equipment, and chemical stockrooms, curriculum development, and coordination of grant proposals.

**Solar Energy Demonstration Project Director, 1977 to 1986 —** Developed the project concept, raised \$1.1 million in funding, organized and administered the Project Management Team consisting of representatives from the Brooklyn Union Gas Co., Consolidated Edison of New York, Owens-Illinois Inc., Carrier Corporation, New York State Energy Research and Development Authority and a large New York City architectural firm. Responsibilities included the development of financial plans, the project accounting system, negotiating and administering construction contracts, supervision of the construction of the solar energy system, direction and monitoring of the operation of the system which heated and cooled two campus buildings.

**BEEAH Architects, Planners, & Engineers**  
**Riyadh, Saudi Arabia**

**1994 to 1996**

**Consultant, 1994 to 1996—** Designed a 1600-ton solar energy absorption cooling project.

**Parsons-Brinckerhoff, Inc**  
**New York, New York**

**1992 to 1993**

**Consultant. 1992 to 1993—** Prepared technical assistance studies for the New York State Institutional Conservation program

**VTEC Laboratories, Inc**  
**Bronx, New York**

**1988 to 1992**

**Energy Advisor for New York State Energy Advisory Service to Industry, 1988 to 1992—** Performed and wrote reports for 320 energy audits of commercial and industrial buildings.

**Electrides Corporation**  
**Staten Island, New York**

**1975 to 1978**

**Consultant. 1975 to 1978—** Researched and developed an electronic fluorescent lamp ballast.

**Engineering Officer 1958 to 1996**— Experience includes naval steam systems, engineering casualty control, damage control, fire fighting, and nuclear biological-chemical warfare defense. Includes active duty from 1958 to 1960 and retirement after 20 years of satisfactory service with the rank of Commander.

### ***Selected Studies***

- ◆ “Residential Solar CHPC System: Technical and Market Analyses”. New York State Energy Research and Development Authority. February, 2004
- ◆ “Solar Cooling for a District Chiller Plant”. Jacksonville Electric Authority. November, 2004. Comparison of a solar PV-driven VP chiller and solar thermally-driven 1E and 2E absorption chillers.
- ◆ “Design and Performance of a Building-Integrated Solar Thermal Combined Heat, Power, and Cooling Plant”. Solargenix Energy, June, 2005
- ◆ “Feasibility Study with Pricing for a Solar-Driven 200-ton 2E Absorption Chiller HVAC System for Honolulu, HI”, ARUP consulting engineers, San Francisco, 2007.
- ◆ “Feasibility Study with Pricing for a Solar-Driven 600-ton 2E Absorption Chiller HVAC System for Florence, SC”, Roche Carolina Inc., 2007.
- ◆ “Feasibility Study and Design with Pricing for a Solar-Driven 200-ton 1E Absorption Chiller HVAC System for Wilmington, NC”, UNC Wilmington.
- ◆ “Feasibility Study for Using Tracking Trough Collectors in New York City for Solar Water Heating”, New York State Energy Research & Development Authority. 2008.
- ◆ “Short Feasibility Study for Exelon Peach Bottom Nuclear Plant for Installation of a Solar PV Generating System and a Solar Hot Water System”, Lockheed Martin, October, 2008.
- ◆ “Solar Electric Power for Base Camp Djibouti Al Noor Bridge”, Lockheed Martin, October, 2008. Feasibility study for solar PV and solar thermal electric systems including costs and performance.
- ◆ “Feasibility Study for Solar Heating System at Lockheed Martin Sunnyvale Plant”, including costs and performance. Lockheed Martin, June, 2010.
- ◆ “Feasibility Study for Solar 2E Absorption Chiller Plant at Lockheed Martin Palmdale Plant, including costs and performance. Lockheed Martin, July, 2010.

### ***Specialized Training/Certifications***

- ◆ Certification as Energy Auditor by New York State Energy Department, 1982.
- ◆ Certification as Boiler Efficiency Auditor by Boiler Efficiency Institute, 1990.
- ◆ Energy systems performance modeling.

### ***Professional Affiliations***

- ◆ American Solar Energy Society, 1978 to present
- ◆ International Solar Energy Society, 1978 to present
- ◆ North Carolina Sustainable Energy Association, 1998 to present. Past member, Board of Directors

## ***Selected Presentations***

- ◆ “The Principles of Solar Energy-Driven Absorption Water Chillers”. Department of Physics Graduate Seminar, University of Chicago, February 1999.
- ◆ “Advances in Renewable Energy Technologies”. Net Impact 2001 Conference, University of North Carolina at Chapel Hill Keenan-Flagner School of Business, November 2001.
- ◆ “Solar HVAC Using ICPC Solar Energy Collectors”. Building as Power Plant Ascending Strategies Workshop, Carnegie-Mellon University, December 2001.
- ◆ “Today’s Solar Thermal Technologies”. Air Conditioning Contractors of America 2002 Conference, February, 2002.
- ◆ “New Solar Thermal Energy Applications for Commercial, Industrial, and Government Facilities” World Energy Engineering Congress. November, 2003.
- ◆ “Solar Energy Applications for Non-Imaging Optics”. Enrico Fermi Institute Symposium, University of Chicago. May, 2003.
- ◆ “Design, Installation and Early Operation of a Roof-Integrated Solar Cooling and Heating System”. American Solar Energy Society conference. July, 2003.
- ◆ “Recent Advances in Solar Thermal Electric Power”. North Carolina Energy Conference. March, 2004.
- ◆ “New Developments in Building-Integrated Solar Thermal HVAC and CHP Systems”. Electric Power 2004. March, 2004.
- ◆ “Solar Energy Applications for the Southeast United States”. Southeast Student Renewable Energy Conference, University of North Carolina – Chapel Hill. April, 2004
- ◆ “New Possibilities for Solar Thermal HVAC: Solar Absorption Cooling”. American Solar Energy Society conference. July, 2006.
- ◆ “Appropriate Solar Technologies for Afghanistan”. Meeting of the Afghan-American Chamber of Commerce; Washington, DC. October, 2006.
- ◆ “New Jobs and New Opportunities in Solar Thermal Applications”. 2007 North Carolina Sustainable Energy Conference; North Carolina State University, Raleigh, NC, March, 2007.
- ◆ “A Solar-Driven 2E Absorption Chiller Cooling and Low Pressure Steam Project in New York City”. American Solar Energy Society conference. May, 2009.
- ◆ “The Steinway & Sons Solar 2E Absorption Cooling and Low Pressure Steam System”. IEA Solar Cooling Workshop, Las Vegas, NV. February, 2011.
- ◆ Presentations about the Steinway & Sons Solar 2E Absorption Cooling and Low Pressure Steam System to the American Solar Energy Society Solar 2011, Raleigh NC, May 2011 and Solar 2012, Denver CO, May 2012.

## ***Awards and Prizes***

October, 2009: North Carolina Sustainable Energy Association 2009 Hall of Fame award

---

## Profile

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

m.a.roberts10@gmail.com

Email Address

Michelle

First Name

Mayes

Middle Initial

Last Name

5318 Walnut Cove Rd

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27516

Postal Code

Mobile: (832) 794-9865

Primary Phone

Business: (919) 859-5780

Alternate Phone

---

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Orange County-JPA (Light Green)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

1-3 years

---

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

**Which Boards would you like to apply for?**

---

Environmental Stewardship Advisory Board: Eligible



Question applies to Environmental Stewardship Advisory Board

**Select a Seat Category for the Environmental Stewardship Advisory Board \***

---

Chapel Hill Resident

Question applies to Planning Commission

**Select a Seat Category for the Planning Commission \***

---

Orange County-Joint Planning Area Resident (JPA)

**Which Board is your First Choice? \***

---

Planning Commission

---

**How did you find out about this opportunity? (select all that apply)**

---

Radio

**If you chose "Other" from the advertising opportunity listed above, please specify specify:**

---

WUNC Announcement

---

---

**Interests & Experiences**

Question applies to multiple boards

**How do you describe your previous advisory board experience?**

---

Little or No Experience

**What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?**

---

My hands on experience as a Water Reclamation Facility operator and design engineer in the consulting field have afforded me the opportunity to observe first hand the impact community planning (or lack thereof) and engagement has on ensuring a municipality can continually provide cost effective services to their customer base (both residential and commercial/industrial). As a design engineer on water/wastewater infrastructure projects I am committed to developing solutions for municipal clients with future growth in mind and that balance the principals of environmental stewardship, sustainability, and fiscal responsibility.

**Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.**

---

-(4) years of leadership experience in the Marine Corps leading cross functional teams -(4) years task and project management experience in the engineering consulting field -Strong understanding of local, state and federal permitting requirements for large and small scale development projects -Passion for environmental stewardship and applying sustainable principles on every project

Question applies to Planning Commission

**Do you have special interest, experience, or education/training in city planning, design field, environment, housing, transportation or related fields? If yes, please explain.**

---

I have more than (4) years experience in the areas of infrastructure design, specifically water/wastewater treatment, conveyance, and distribution systems.

[MichelleMayes\\_CV\\_06132019.pdf](#)

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

---

Caucasian/Non-Hispanic

### Gender \*

---

Female

**If other, please describe:**

---

**Please select your age from the following list. \***

---

25-34

Engineer

Occupation

**Are you a caregiver for or identify with a disability?**

---

Yes  No

**Have you participated in the Peoples Academy?**

---

Yes  No

Michelle Mayes

Are you a Town of Chapel Hill employee?

---

Yes  No

---

## Ethics Statement

### ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.” Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

## Michelle Mayes, PE

### Water/Wastewater Engineer

#### Education

B.S., Environmental Engineering, North Carolina State University at Raleigh, NC

#### Distinguishing Qualifications

- Operation experience at an Advanced Wastewater Treatment Plant
- Construction and start-up experience for Water and Wastewater Treatment Facilities
- Delivery leader of Replica dynamic process simulation software for hydraulic modeling and flight simulator

#### Professional Registrations

Professional Engineer: North Carolina

#### Relevant Experience

Michelle is a Project Engineer with Jacobs based in Raleigh, North Carolina. She received her bachelor's degree in Environmental Engineering from North Carolina State University in Raleigh, North Carolina in 2010. Before beginning her career in the municipal water and wastewater industry, she served four years on active duty as a Logistics Officer with the United States Marine Corps. She began working in the wastewater industry in 2015 as a Wastewater Treatment Plant Operator at a 15-mgd advanced treatment facility in Florida. In 2016 she transitioned to consulting, where her focus has been conveyance and water/wastewater treatment facility design. In addition to engineering analysis and design, she specializes in dynamic process simulation and hydraulic analysis of water and wastewater treatment systems for state and local clients. Michelle has worked on several key design projects including the Marine Corps Base Camp LeJeune, Hadnot Point Water Treatment Plant Replacement project (Jacksonville, FL) and the Naval Weapons Earle Wastewater Treatment Plant Replacement project (Colts Neck, NJ). Michelle has also served in consulting engineering roles for Orange Water and Sewer Authority (OWASA) during the 2017 Risk and Reliability study and the Mobile Area Water and Sewer System (MAWSS) during the 2018 Master Plan. Michelle has served the Town of Clayton in a consulting capacity for the past two years on the East Clayton Industrial Area (ECIA) Regional Wastewater Pre-treatment Facility project providing technical review of design documents and oversight during construction and commissioning.

#### Representative Projects

**Hydraulic Simulation Lead and Project Engineer; Naval Weapons Station Earle Wastewater Treatment Plant Upgrade; NAVFAC; Colts Neck, NJ; 1/2019-current.** Led the hydraulic design of an 0.3-million gallons per day (mgd) wastewater treatment plant upgrade. Developed a dynamic simulation model that included hydraulics and controls to evaluate overall system performance under a variety of different operational conditions. The model was utilized to evaluate equipment performance and analyze operation strategies. Assisted lead process engineer in unit process upgrade design. Process engineering responsibilities included inter-discipline coordination, tertiary treatment equipment selection and contract document preparation.

**Hydraulic Simulation Lead; Eastern Treatment Plant Advanced Tertiary Treatment Fugitive Ozone Emissions; Melbourne Water, Carrum Downs, VIC; 5/2018-Current.** Led the hydraulic analysis and controls development for a 780-ML/d wastewater treatment plant. Developed a dynamic simulation model that included liquid stream hydraulics, ozonated air stream hydraulics and controls. The model was used to develop, evaluate and select control philosophy modifications to reduce hydraulic surge events and fugitive ozone emissions. The model was also used to validate proposed unit process upgrades will result in reduced risk of fugitive ozone emissions. The model is intended to be used for functional control testing prior to implementation of the new PLC code.

**Project Engineer; East Clayton Industrial Area Regional Pretreatment Facility; Town of Clayton; Clayton, NC; 8/2017-current.** Served Town of Clayton, as trusted technical advisor, through design, commissioning, and start-up of Industrial Wastewater Pretreatment Facility. Coordinated internal multi-discipline review of industry's treatment facility design and contract documents. Conducted periodic site visits on behalf of Town to review quality and progress of facility construction.

**Hydraulic Simulation Lead; Marine Corps Base Camp Lejeune Water Treatment Plant Design; NAVFAC; Jacksonville, NC; 8/2017-current.** Led the hydraulic design of an 8-mgd greenfield water treatment plant. Developed a dynamic simulation model that included hydraulics, controls, and water quality parameters to evaluate overall system performance under a variety of different operational conditions. The model was utilized to evaluate equipment performance and analyze operation strategies. The model is intended to be used as a flight simulator and operator training tool.

**Hydraulic Simulation Lead; Master Plan; Mobile Area Water and Sewer System, Mobile, AL; 9/2017-current.** Developed dynamic simulation model that included six sanitary sewer pump stations and ten miles of sanitary sewer forcemain. The model is currently being used to evaluate pump station upgrades and forcemain replacement alternatives under a variety of operational conditions.

**Project Engineer; Pensacola East Bay Oyster Habitat Restoration Project; The Nature Conservancy; Pensacola, FL; 1/2017-current.** Designed natural reef structures along six miles of coast in the Pensacola Bay area to promote and restore critical oyster habitat. Primary responsibilities included inter-discipline coordination, material evaluation and selection, and contract document preparation.

**Hydraulic Simulation Modeler; Winneke Flow Stabilization; Melbourne Water, Christmas Hills, VIC; 2/2017-11/2018.** Assisted in the hydraulic analysis and controls development for a 600-mega liters per day (MLD) water treatment plant. Developed a dynamic simulation model that included hydraulics and controls to evaluate the effects of proposed process upgrades and control philosophy modifications under a variety of operational conditions. Assisted the client in selecting a control strategy to reduce filtered water flow fluctuations from +/- 50 MLD to +/- 5-MLD Conducted functional testing of new PLC code within simulation environment in order to identify and correct coding errors prior to implementation of the updated control philosophy at the treatment facility.

**Hydraulic Simulation Lead; Cutter Lateral – Reach 21 Water Treatment Plant Design; U.S. Department of the Interior, Bureau of Reclamation, Navajo-Gallup, NM; 5/2017-10/2017.** Led the hydraulic design of a 5.5-mgd greenfield water treatment plant. Developed a dynamic simulation model that included hydraulics, controls, and water quality parameters to evaluate overall system performance under a variety of different operational conditions. The model is intended to be used as a flight simulator and operator training tool.

**Hydraulic Simulation Modeler; Norman M. Cole Pollution Control Plant Upgrade; Fairfax County Public Utility Department, Fairfax, VA; 11/2016-6/2017.** Assisted in the hydraulic analysis of the Activated Sludge Effluent (ASE) Pump Station at the Norman M. Cole Pollution Control Plant. Developed simulation model that included hydraulics and controls to identify problems with the existing ASE pumps and control philosophy. The dynamic simulation model was also used evaluate and select replacement pumps and control alternatives under a variety of operational conditions.

**Hydraulic Simulation Lead; Catoma Wastewater Pollution Control Plant Capacity Upgrade; Montgomery Water and Sanitary Sewer Board, Montgomery, AL; 1/2016-9/2016.** Led the hydraulic analysis of a 120-mgd wastewater treatment plant. Developed a dynamic simulation model to evaluate proposed expansion design alternatives under a variety of flow conditions.

**Project Engineer; Halls Mill Creek Pump Station Storm Water Attenuation Basin Design; Mobile Area Water and Sewer System; Mobile, AL; 1/2016-8/2017.** Designed storage and bypass pumping system for 20-mgd sanitary sewer lift station to help client mitigate effects of inflow and infiltration (I&I) and prevent sanitary sewer overflows (SSOs) during storm events. Primary responsibilities included inter-discipline coordination, equipment selection, contract document preparation, and startup planning.

**Wastewater Treatment Plant Operator; Central Water Reclamation Facility, Emerald Coast Utility Authority, Pensacola, FL; 1/2015 -1/2016.** Worked on the operations team to run a 15-mgd advanced wastewater treatment plant designed to meet new stringent Florida Department of Environmental Protection nutrient standards for surface water discharge.

### **Other Experience**

**Logistics Officer, United States Marine Corps, 12/2010 -12/2014.** Marine Wing Support Squadron-272, Marine Corps Air Station-New River, Jacksonville, NC.

---

## Profile

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

mcclintock.julie@gmail.com

Email Address

Julie

First Name

Middle Initial

Mcclintock

Last Name

614 Beech Tree Court

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27514

Postal Code

Home: (919) 967-3661

Primary Phone

Home: (919) 541-5339

Alternate Phone

---

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

Greater than 10 years

---

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

**Which Boards would you like to apply for?**

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

**Select a Seat Category for the Environmental Stewardship Advisory Board \***

---

Stormwater Advocate and Chapel Hill Resident

**Which Board is your First Choice? \***

---

Environmental Stewardship Advisory Board

---

**How did you find out about this opportunity? (select all that apply)**

---

Email

**If you chose "Other" from the advertising opportunity listed above, please specify:**

---

n/a

---

**Interests & Experiences**

**What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?**

---

I firmly believe that local government policy is the most important arena for mitigating environmental damage to the earth by human activities. Town Council members are busy people and are challenged by the amount of information they must absorb. This Board plays an important role focusing and providing in-depth information for desired environmental changes. I am interested in serving as the Stormwater Advocate because I support the Council's goal to see the Environment Stewardship Advisory Board play an active role in stormwater review. If selected, I would assist the Board in making recommendations, while tapping the expertise on the Stormwater Advisory Board and other resources, such as Triangle J and NC State stormwater engineers if needed.



**Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.**

Since I retired as an EPA air quality specialist, I've been interested in improving stormwater management in local communities. I joined the Town's Stormwater Advisory Board and served several terms, one as Chair. In that position I learned that stormwater planning is often an afterthought in the town's planning process with unfortunate consequences for flooding events. The Council asked us to review several important projects, such as Chapel Hill High School, Merlin Road, and Obey Creek. I was proud of the contributions we made to better stormwater management for those projects. Experience: Chair, Stormwater Advisory Board, Former Chair of OWASA, 2 years, Town Council member, 12 years, President, Friends of Bolin Creek.

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

Caucasian/Non-Hispanic

### Gender \*

Female

**If other, please describe:**

**Please select your age from the following list. \***

over 55

Retired

Occupation

**Are you a caregiver for or identify with a disability?**

Yes  No

**Have you participated in the Peoples Academy?**

Yes  No

Are you a Town of Chapel Hill employee?

---

Yes  No

---

## Ethics Statement

### ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.” Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

---

## Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

metcalf@clinicaltools.com

Email Address

Mary

First Name

Metcalf

Last Name

109 Meeting St

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27516

Postal Code

Home: (919) 442-8109

Primary Phone

Mobile: (919) 923-2023

Alternate Phone

---

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

Greater than 10 years

---

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

## Which Boards would you like to apply for?

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

## Select a Seat Category for the Environmental Stewardship Advisory Board \*

---

Chapel Hill Business Owner/Manager

## Which Board is your First Choice? \*

---

Environmental Stewardship Advisory Board

---

## How did you find out about this opportunity? (select all that apply)

---

Advisory Board or Council member

Internet

## If you chose "Other" from the advertising opportunity listed above, please specify:

---

---

## Interests & Experiences

### What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

---

I have been on the ESAB since summer 2016 as the business owner/manager seat, and would be honored to continue that role for a 2nd full term. I bring an interest in a wide variety of environmental topics, including energy efficient lighting/fixtures, and sustainability with a focus on lawn management issues as a personal interest. I have been a resident of Chapel Hill for 22 years and enjoyed the benefits of living in such a thoughtfully planned town and community. I am able to devote time to contributing back to the community now that my children are older. I have been a Chapel Hill business owner since 2000 and feel strongly that small business can contribute meaningfully to both Chapel Hill and NC. I have a strong commitment to the environment both personally and from a business perspective. My company led the way in sustainability by going carbon neutral in 2004. Currently, we are working on certification as Green Plus business and "B Corp" status. I also am a committed environmentalist from my early 20s. Small business can make small changes without comprising the bottom line unduly, and multiplied across many businesses, a great impact can occur. I would also be willing to serve as the CH resident member if there is another candidate for the "business owner" role. I appreciate the opportunity to be considered to serve on an advisory board for Chapel Hill for another term.

Mary Metcalf

**Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.**

I have filled the "Business Seat" for the Environmental Stewardship Board for one full term and one partial term prior to now. This involved attending ESAB meetings, reviewing materials prior to the meetings, occasional supplemental meetings organized by TOCH related to ESAB service, and volunteering at the two outreach events that fell during my tenure on the board. In the past year, I served as the Vice-Chair for 2 years and have been Chair since November 2020. Personal: I have a Ph.D. in Archaeology from the University of Virginia, an MPH from UNC-CH. I have 3 children - 1 still in CHCCS schools, one at UNC-CH. My volunteer work has included 2 preschool boards, SV HOA committees (playground/green space), classroom and other activities in the school system, the CHCCS Wellness committee for Carrboro High School, and recently serving as immediate past president of the CH Summer Swim League (6 years total). My business (co-owned with my husband) employees 14 staff and is an office based online education firm. We are located at 101 Market Street, Chapel Hill, NC. We've also had locations at 431 W Franklin St and 1506 E Franklin St in the past 10 years.

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

Caucasian/Non-Hispanic

### Gender \*

Female

**If other, please describe:**

---

**Please select your age from the following list. \***

over 55

business executive/parent

Occupation

**Are you a caregiver for or identify with a disability?**

Yes  No

Have you participated in the Peoples Academy?

---

Yes  No

Are you a Town of Chapel Hill employee?

---

Yes  No

---

## Ethics Statement

### ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.”

Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

Question applies to multiple boards

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

---

## Profile

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

monarazik@yahoo.com

Email Address

Mona

First Name

A.

Middle Initial

Razik

Last Name

100 Wild iris Lane

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27514

Postal Code

Home: (919) 622-1476

Primary Phone

Home:

Alternate Phone

---

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

Greater than 10 years

---

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

**Which Boards would you like to apply for?**

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

**Select a Seat Category for the Environmental Stewardship Advisory Board \***

---

Chapel Hill Resident

**Which Board is your First Choice? \***

---

Environmental Stewardship Advisory Board

---

**How did you find out about this opportunity? (select all that apply)**

---

Advisory Board or Council member

**If you chose "Other" from the advertising opportunity listed above, please specify specify:**

---

---

**Interests & Experiences**

**What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?**

---

I am a long time resident of Chapel Hill, and I strongly feel that environmental concerns need to be planned as the Chapel Hill is being heavily developed.

**Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.**

---

I have a Ph.D. in molecular biology from UNC and other research experience at the National Institute of Environmental Health Science (NIEHS), Duke, and other institutions. I would bring, as a long time resident of Chapel Hill, a dedicated, committed, and caring voice to the board.

[cvmonarazik.pdf](#)

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

---

**Demographics**



The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

**Ethnicity \***

---

Caucasian/Non-Hispanic

**Gender \***

---

Female

**If other, please describe:**

---

**Please select your age from the following list. \***

---

35-54

Scientist

Occupation

**Are you a caregiver for or identify with a disability?**

---

Yes  No

**Have you participated in the Peoples Academy?**

---

Yes  No

**Are you a Town of Chapel Hill employee?**

---

Yes  No

---

**Ethics Statement**

## ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.”

Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

**MONA A. RAZIK**  
**100 Wild Iris Lane**  
**Chapel Hill, NC**  
**(919)-622-1476**  
[monarazik@yahoo.com](mailto:monarazik@yahoo.com)  
**Citizenship:** United States

**Professional Summary** - Research scientist with experience in universities, research institutions, and the private and public sectors with an accomplished background in scientific research and education

## **EDUCATION**

Ph.D. Biology, University of North Carolina, Chapel Hill, 1996

Dissertation: "*In Vitro* Analysis of Nuclear Factors Regulating Expression of the Wheat Em Gene"

M.S. Biochemistry, University of Kansas, 1984

Thesis: "Comparison of Gene Expression from Dark and Light Grown Oat Seedlings"

B.S. Chemistry, American University in Cairo, 1982

## **RESEARCH, TEACHING, and PROFESSIONAL EXPERIENCE**

September, 2017-May, 2018- Volunteer tutor at Githens Middle School, Durham, NC

- Developed and coordinated English, History, and Mathematics programs for the integration of Syrian refugee students in Durham School System, North Carolina

January, 2005- December 2006, Fulbright/Egypt (My husband was awarded a Senior Fulbright Research Award)

- Collaborated with Egyptian and American Health NGOs and the Fulbright Commission in developing and organizing in several workshops related to public health and molecular biology

January, 2002-September, 2004, Research Scientist, National Institute of Environmental Health Sciences (NIEHS), the National Institutes of Health, Research Triangle Park, NC

- Investigated the mechanisms of regulation of Apoptosis in human cells

September, 1996 – August, 1997, Post-Doctoral Fellow, Department of Anesthesiology & Pharmacology, Duke University Medical Center, Durham, NC

- Investigated the transcriptional regulation of the human alpha 1a adrenergic receptor gene; characterized regulatory and promoter regions

June, 1992-August, 1996, Research Assistant, Biology Department  
University of North Carolina, Chapel Hill

- Conducted basic research on the regulation of the wheat Em gene as a model system for elucidating the mechanisms underlying the regulation of nuclear gene expression by the phytohormone abscisic acid and the embryo specific product of the maize locus *viviparous-1*, and the integration of these responses with the seed maturation program

August, 1993, Teaching Assistant, Biotechnology Center Carolina Workshop on Transcription  
University of North Carolina, Chapel Hill, NC

- Instructor for a workshop on mammalian and invertebrate transcription systems. Specific techniques taught included: nuclear run-on analysis, preparation of transcription extracts, DNA footprinting and mobility shifts, transcription initiation versus elongation and *in vitro* RNA processing.

June 25, 1992-July 20, 1992, attended Plant Biochemistry course organized by the American Society of Plant Physiology and the San Diego Plant Science Center held at the University of California, San Diego

September, 1991-May, 1992, Teaching Assistant Biology Department  
University of North Carolina, Chapel Hill, NC

- Genetics and Molecular Biology (Biology 53), 90 students
- General Biology Laboratory (Biology 11), 88 students

June, 1990-August, 1990, Research Scientist  
Research Institute of Scripps Clinic, La Jolla, CA

- Conducted basic research on the biochemical regulation of mitosis in mammalian cells.

May, 1987-May, 1990, Research Scientist  
Research Institute of Scripps Clinic and Medical Biology Institute, La Jolla, CA

- Fundamental research on the transcription of 5s RNA genes in *Xenopus* oocytes; supervised the training of laboratory personnel and undergraduate students in conducting experiments.

May, 1985-September, 1986, Research Scientist  
The Johns Hopkins School of Medicine, Human Genetics Laboratory, Baltimore, MD

- Conducted basic research on L1 Elements from the X chromosome, chromosome 21, and chromosome 1.

## **PUBLICATIONS and PRESENTATIONS**

- Mona A. Razik and John Cidlowski (2002), Molecular interplay between ion channels and the regulation of apoptosis. *Biol. Res.* 25(2): 203-7.
- K. Lee, C.D. Richardson, Mona A. Razik, M.M. Kwatra, and Debra Schwinn (1998), "Multiple potential regulatory elements in the 5' flanking region of the human alpha (1a)-adrenergic receptor." *DNA Sequence* 8, 271.
- Mona A. Razik, Keeso Lee, and Debra Schwinn (1997), "Transcriptional regulation of the human alpha 1a-adrenergic receptor gene. Characterization of the 5'-regulatory and promoter region." *Journal of Biological Chemistry* 272, 28237.
- Mona A. Razik and Ralph S. Quatrano (1997), "Effect of the nuclear factors EmBP1 And Viviparous1 on the transcription of the Em Gene in HeLa nuclear extracts." *Plant Cell* 9, 1791.
- Mona A. Razik and Ralph S. Quatrano (1995), "Transcription of the Em gene from wheat in HeLa nuclear extract." *Journal of Cellular Biochemistry* 131. Also presented at *Keystone Symposia on Molecular and Cellular Biology*, Hilton Head, SC, April 1995.
- Mona A. Razik, Jeronimo Blanco, and Joel Gottesfeld (1989), "Pathways of nucleoprotein assembly on 5S RNA genes in *Xenopus* oocyte S-150 extract." *Nucleic Acids Research*, 17:4117-4130.
- Jeronimo Blanco, Larry Millstein, Mona A. Razik, and Joel Gottesfeld (1989), "Two TFIIIA activities regulate the expression of *Xenopus* 5s RNA gene families." *Genes and Development*, 3, 1602.
- Jeronimo Blanco, Mona A. Razik, and Joel Gottesfeld (1988), "Multiple forms of transcription factor IIIA control the differential expression of *Xenopus* Oocyte and Somatic-Type 5sRNA genes in-vitro." *UCLA Symposia in Molecular Biology* 4.
- Alan F. Scott, Barbara Schmeckpeper, and Mona A. Razik (1987), "Origin of the human L1 elements: proposed progenitor genes deduced from a consensus DNA sequence", *Genomics*, 1:113-125. Also presented at the American Society of Human Genetics Annual Meeting, Philadelphia, Pennsylvania, 1986.

## **COMMUNITY ACTIVITIES**

- Durham School System, Refugee resettlement Volunteer Coordinator, 2017-18, Durham, NC
- Carrboro High School PTA, 2010-2015, Community Outreach, Carrboro, NC
- Carrboro High School Athletic Booster, 2010-2015, Tennis Representative, Carrboro, NC
- Friends School, 2007-09, Committee on Infrastructure Development/Expansion, Durham, NC
- Lead Volunteer, SECU Cancer House, 2006-2014, Chapel Hill, NC

---

## Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

dthompso@email.unc.edu

Email Address

Denise

First Name

Thompson

Last Name

815 Saluda Court

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27514

Postal Code

Mobile: (919) 360-8160

Primary Phone

Home:

Alternate Phone

---

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

Greater than 10 years

---

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

## Which Boards would you like to apply for?

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

## Select a Seat Category for the Environmental Stewardship Advisory Board \*

---

Chapel Hill Resident

Question applies to multiple boards

## Which Board is your First Choice? \*

---

Board of Adjustment

## How did you find out about this opportunity? (select all that apply)

---

Email

If you chose "Other" from the advertising opportunity listed above, please specify:

---

---

## Interests & Experiences

Question applies to multiple boards

## What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

---

I am a longtime resident of Chapel Hill and I would like to be involved in ensuring that safety is a priority for all Chapel Hill residents and action will be taken if any issues arise as well as creating and maintaining areas which residents and visitors can seek solace and enjoyment throughout the town.

Question applies to multiple boards

## Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.

---

As for experience, I have customer service, administrative/office assistant as well as internet research as well as interacting and working with various ethnic groups.

Denise Thompson

Question applies to multiple boards

---

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

---

African American

### Gender \*

---

Female

If other, please describe:

---

Please select your age from the following list. \*

---

35-54

Circulation Manager at UNC  
Law Library

---

Occupation

Are you a caregiver for or identify with a disability?

---

Yes  No

Have you participated in the Peoples Academy?

---

Yes  No

Are you a Town of Chapel Hill employee?

---

Yes  No

---

## Ethics Statement



Question applies to multiple boards

## **ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS**

---

**Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.” Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.**

---

I Agree \*

Question applies to multiple boards

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*

---

## Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

## Public Records Statement

---

**I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.**

---

I Agree

ejyetterbowman@gmail.com

Email Address

Elijah

First Name

Yetter-bowman

Middle Initial

Last Name

204 Holiday Park Road

Street Address

Suite or Apt

Hillsboro

City

NC

State

27278

Postal Code

Mobile: (910) 540-6628

Primary Phone

Alternate Phone

---

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

**What district do you live in? \***

Orange County (Not Chapel Hill limits ETJ or JPA)

[Please consult the town maps HERE if you are unsure.](#)

**If you are a Chapel Hill Resident, How long have you lived here?**

1-3 years

---

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

**Which Boards would you like to apply for?**

---

Environmental Stewardship Advisory Board: Eligible

Question applies to Environmental Stewardship Advisory Board

**Select a Seat Category for the Environmental Stewardship Advisory Board \***

---

Non-Chapel Hill Resident from Orange, Durham, Alamance, or Chatham County

**Which Board is your First Choice? \***

---

None Selected

---

**How did you find out about this opportunity? (select all that apply)**

---

Other (provide additional information below)

**If you chose "Other" from the advertising opportunity listed above, please specify:**

---

Sammy Bauer - Stormwater

---

---

**Interests & Experiences**

**What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?**

---

I am an eager and avid learner of all things scientific. The current project I am spearheading has me interfacing with a wide range of academic disciplines: epidemiology, toxicology, limnology, environmental engineering, polymer chemistry, nuclear physics, etc. I would like to offer help with communicating interdisciplinary information in forms which are accessible to the general public, a sort of scientific liaison. This is an area often overlooked among academic circles. It would be an honor to do this for my own town.

**Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.**

For 18 months (and ongoing) I have been the project director for a team of 15 people regarding a national pollution crisis that heavily impacts North Carolina residents. I studied Ethics and Chemistry at UNC Chapel Hill and spend a great deal of time researching primary sources for issues that I invest in. I have also worked in IT for nearly 10 years which has equipped me to do web-based research efficiently, as well as spotting faulty/erroneous sources quickly. Substituting my CV for LinkedIn since it is public record: <https://www.linkedin.com/in/elijah-yetter-bowman-330043139/>

You may upload a supporting document (e.g., CV or resume). Please be advised that any information submitted becomes a public record and may be searchable online.

---

## Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

### Ethnicity \*

Caucasian/Non-Hispanic

### Gender \*

Nonbinary or third gender

If other, please describe:

Please select your age from the following list. \*

18-24

CEO - Ethereal Films LLC

Occupation

Are you a caregiver for or identify with a disability?

Yes  No

Have you participated in the Peoples Academy?

Yes  No

Are you a Town of Chapel Hill employee?

---

Yes  No

---

## Ethics Statement

### ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

---

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.” Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

---

I Agree \*

Question applies to multiple boards

*Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.*