Profile

Which B	Boards	would	you	like	to	apply	for?
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Open Space and Parks Advisory Committee: Submitted

Please select your first Board preference: *

Raleigh-Durham Airport Authority

Please select your second Board preference: *

☑ Wake Technical Community College Board of Trustees

Please select your third Board preference: *

Open Space and Parks Advisory Committee

Please select your fourth Board preference: *

Wake County Water Partnership

Please select your fifth Board preference: *

☑ Triangle Transit Authority Board

Please select your sixth Board preference: *

Economic Development Commission

Gilbert	A	Formyduval		
First Name	Middle Initial	Last Name		
4701 Saratoga Falls Ln				
Street Address			Suite or Apt	
Raleigh			NC	27615
City			State	Postal Code
What district do you live in	?			
None Selected				
Mobile: (919) 737-5420 Primary Phone	Mobile: (9 Alternate Phone	<u>19) 737-5420</u>		
gilbert.formyduval@gmail.com Email Address				
Parker Hannifin	Process D Engineer Job Title	evelopment		

Gilbert A Formyduval

⊙ Yes ⊙ No

In order to assure countywide representation, please indicate your place of residence:

Unincorporated Wake County

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I would like to get more involved in my community and contribute to ensure Wake county positions itself for the future and being inclusive of all its citizens

Work Experience

-5 years at Corning Inc as process engineer -2 years at Parker Hannifin as process development enginner

Volunteer Experience

-student mentorship at the college level and graduate level

Education

-B.S. Chemical Engineering, Florida Tech -M.S. Chemical Engineering, NC State -Ph.D Chemical Engineering, NC State

Comments

<u>Gilbert_Formyduval_v01.pdf</u>

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Gender *

Male

Ethnicity *

☑ Hispanic

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found <u>here</u>.

Gilbert Formyduval (Castillo), PhD

919-737-5420 | gilbert.formyduval@gmail.com | www.linkedin.com/in/gilbertformyduval

Senior Materials Engineer and R&D Leader with 10+ years of engineering, development, and leadership experience in the glass, chemical, and automotive industries. **Deep expertise** polymeric, glass, and ceramic materials and their applications in new product development, manufacturing process development, and scale up. **Highly skilled** in manufacturing process design, failure mode analysis, change management, and risk assessment and mitigation for manufacturing processes. **Global collaborator** and **unifying communicator** with the ability to translate complex scientific concepts for non-technical and business stakeholders. **Bilingual** in English and Spanish.

Career Highlights

Designed New Manufacturing Facility for Thermal Gap Fillers

In two years, designed new manufacturing process (\$60M CapEx) for the continuous manufacturing of thermally conductive gap filler products.

New automated manufacturing facility designed to produce up to 12,000 metric tons per year of gap filler products.

Developed New Material That Saved \$105M in Packaging Costs

Served as technical lead on project to screen coating candidates for glass sheet surface protection during manufacturing. Identified multiple formulations that reduced surface defects (particles, stains, and scratches) by 50% or more.

Leveraged these insights to develop a new glass interleaf material that achieves these results while also reducing packaging costs by 90% per year, equating to \$105M spend.

Executed Multiple Continuous Improvement Initiatives

In five years, took the lead on several process improvement initiatives. Notable projects include:

- ✓ Improved coating curing process, resulting in \$1.5M/year savings for the optical communications business.
- ✓ Scaled up production of key automotive parts, which reduced cycle time by 80%.
- ✓ Increased annual revenue by approx. \$1M by developing a fixturing system to improve yield and quality of automotive interior glass panels.

Professional & Research Experience

PARKER HANNIFIN, Cary, NC Process Development Engineer, 04/2022 to present

Led engineering team in the process engineering group for development and scale up of continuous manufacturing of thermally conductive silicone and urethane gap fillers. Delivered technical feasibility of manufacturing technology at pilot scale and process design of large-scale production.

- Delivered pilot-scale manufacturing line capable to produce thermally conductive silicone and urethane gap fillers that met customer specifications; identified critical equipment and process parameters for optimal gap filler production
- Developed large-scale manufacturing process, specified manufacturing equipment and facility requirements, conducted vendor equipment trials, and performed equipment vendor selection
- Implemented controls engineering capability that allows for statistical process control and fundamental understanding of process impacts on key product characteristics

CORNING INCORPORATED, Corning, NY

Supervisor/Sr. Process Engineer, Surface Engineering, 08/2019 to 04/2022 Process Engineer, Surface & Coating Engineering, 07/2017 to 08/2019

Bridged the science, engineering, and R&D groups to support the display technology, specialty materials, pharmaceutical, and automotive glass solutions business units. Led team of four (scientist, two engineers, and technician).

- Led coating formulation development projects for glass products as well as development of large-scale coating application processes
- Optimized manufacturing processes for better yield, cycle time, product quality, cost effectiveness, and customer satisfaction, with a focus on resolving issues related to coatings, surface contaminants, and surface defects
- Worked in close collaboration with global, peers in engineering and science disciplines located in North America, Europe, and Asia plant sites, as well as suppliers (raw materials and equipment) and major customers
- Managed cross-functional project teams and direct reports

NORTH CAROLINA STATE UNIVERSITY, Raleigh, NC Polymer Research Scientist (Graduate Researcher), 08/2012 to 05/2017

With industrial partner (Eastman Chemical Company), led a multiyear project to develop a more sustainable, low-cost method for producing multifunctional surfaces.

- Designed coating system for use as a platform for surface functionalization of polyesters, based on structure-property relationships of polyester materials
- Utilized general surface characterization tools (e.g., fluorescence microscopy, XPS, AFM, FTIR, and TOF-SIMS), analytical chemistry techniques (e.g., LC-MS, GC-MS, and NMR), and laboratory methods (e.g., spin-coating, dip-coating, thin-layer chromatography, and re-crystallization purification methods)
- Coating system improved solvent resistance of polyester material, prevented solvent-induced crystallization, and improved scratch resistance

Honors & Awards

- ✓ 1st Place Winner, Schoenborn Graduate Research Symposium, NC State University, 2017
- ✓ Winner, <u>Three-Minute Thesis</u> <u>Public Speaking Contest</u>, NC State University, 2016
- ✓ Corning GEM Graduate Fellowship, 2013
- ✓ Congress-Bundestag Fellowship for Young Professionals, 2011
- ✓ NASA Motivating Undergraduates in Science and Technology (MUST) Scholar, 2008 to 2011
- ✓ Horatio Alger Scholar, 2007
- ✓ American Chemical Society Scholar, 2007

Patents

- ✓ Engineering paper for flat panel display surface protection (W02022245608A1 Filed 2022)
- ✓ Surface-modified polymers (U.S. 20190185620A1, Filed 2019)
- ✓ <u>Textured glass articles and</u> <u>methods of making the same</u> (U.S. 11485677B2, Granted 2022)
- ✓ <u>Surface-modified polymers</u> (U.S. 20190225746A1, Filed 2016)
- ✓ <u>Compact electronic security</u> <u>locker system</u> (U.S. 20090033456A1, Filed 2007)

Certification & Licensure

- ✓ Engineering Intern, Florida Board of Professional Engineers, 2011
- ✓ Situational Leadership, The Ken Blanchard Companies, 2021
- ✓ Leading Engaged Teams, The Wiseman Group, 2021
- ✓ Six Sigma DMAIC Green Belt, Corning, 2019

Additional Experience

EASTMAN CHEMICAL COMPANY, Kingsport, TN

Co-Op, Cellulose Ester Applications Innovations, 08/2015 to 12/2015

Investigated structure-property relationship of cellulose esters to tailor material for various applications, including flame retardants and fragrance release materials. Developed a low-cost, non-toxic flame retardant formulation for cellulose esters.

CORNING INCORPORATED, Corning, NY

Intern, Display Technologies, Product & Process Development, 05/2013 to 08/2013

Investigated glass surface treatments to minimize electrostatic discharge events, including development of a metrology method to measure electrostatic discharge on glass surfaces.

BASF SE, Ludwigshafen, Germany

Co-Op, Energy Conversion & Storage, Electrochemical Research, 02/2012 to 06/2012

Developed a carbon electrode that was less prone to corrosion, thus extending fuel cell battery life. Determined the mechanism of carbon electrode corrosion in fuel cell batteries. Installed corrosion testing apparatus for fuel cell electrodes.

NASA | Goddard Space Flight Center, Greenbelt, MD Intern, Contamination & Coatings Engineering, 06/2010 to 08/2010

Part of the team that developed a conductive thermal coating system for spaceflight applications, including optimizing an application technique that improved adhesion of thermal protective coating to the surface of composite materials.

NASA | Ames Research Center, Mountain View, CA Intern, Prognostics Center of Excellence, 06/2009 to 08/2009

Designed and conducted experiments using electrochemical impedance spectroscopy to predict end-of-life of lithium-ion batteries. Contributed to efforts to manufacture samples and setup of testing apparatus to predict failure of carbon composites used in aviation.

Publications

- **Castillo, G.A.,** Efimenko, K., Dickey, M.D., Gorman, C.B., & Genzer, J. (2021). Deposition of Silicate Coatings on Poly(ethylene terephthalate) for Improved Scratch and Solvent Resistance. *Journal of Applied Polymer Science*, 139(11).
- Joshipura, I.D., Ayers, H.R., Castillo, G.A., Ladd, C., Tabor, C.E., Adams, J.J., & Dickey, M.D. (2018). Patterning and Reversible Actuation of Liquid Gallium Alloys by Preventing Adhesion on Rough Surfaces. ACS Applied Materials & Interfaces, 10(51).
- **Castillo, G.A.**, Wilson, L., Efimenko, K., Dickey, M.D., Gorman, C.B., & Genzer, J. (2016). Amidation of Polyesters is Slow in Nonaqueous Solvents: Efficient Amidation of Poly(ethylene terephthalate) with 3-Aminopropyltriethoxysilane in Water for Generating Multifunctional Surfaces. *ACS Applied Materials & Interfaces*, 8(51).

Education

NORTH CAROLINA STATE UNIVERSITY, Raleigh, NC Doctor of Philosophy (PhD) in Chemical Engineering

Dissertation: <u>"Surface Modifications and Functional Silicate Coatings for Polyesters and</u> <u>Cellulose Esters"</u> (Full text available at link)

Master of Science (MS) in Chemical Engineering

FLORIDA INSTITUTE OF TECHNOLOGY, Melbourne, FL Bachelor of Science (BS) in Chemical Engineering

Profile

Which Boards would you li	ke to app	oly for?		
Open Space and Parks Advisory	Committe	e: Submitted		
Please select your first Bo	ard prefe	erence: *		
Open Space and Parks Advis	ory Comm	ittee		
Please select your second	Board pr	eference: *		
Open Space and Parks Advis	ory Comm	ittee		
Please select your third Bo	oard pref	erence: *		
Open Space and Parks Advis	ory Comm	ittee		
Please select your fourth E	Board pre	eference: *		
☑ None Selected				
Please select your fifth Bo	ard prefe	erence: *		
☑ None Selected				
Please select your sixth Bo	oard pref	erence: *		
☑ None Selected				
Dashaum	C	King		
Rashawn First Name	C Middle Initial	King Last Name		
1508 entheos lane				
Street Address			Suite or Apt	
Raleigh			NC	27610
City			State	Postal Code
What district do you live in	ו?			
None Selected				
Home: (919) 274-3722	Mobile: (9 Alternate Phor	919) 274-3722	_	
rashawn@greenway.org Email Address				
Triangle Trails Initiative	Program	manager		

⊙ Yes ⊙ No

In order to assure countywide representation, please indicate your place of residence:

☑ Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I am interested because I want to support and advocate for all the great projects around open space, greenways, and trails. Also, as the Program Manager of the Triangle Trails NC. I am currently working with Wake County and all the local municipalities within the county on all their greenways and trails projects. I want to be able to help out more on the county level and be a support/advocate.

Work Experience

Experience Triangle Trails Initiative: May 2023 - Present Program Manager Job duties: As the Program Manager for Triangle Trails I collaborate with County and local officials and Parks Directors to help them with funding, connectivity, advocacy, planning, and maintaining of greenways and trails. Also, I host event, programs, and workshops for county and local municipalities. I develop regional maps for connectivity and I assist with all regional projects around feasibility studies, design, and construction. North Carolina State University (College of Natural Resources)
August 2019 - Present Central West Regional Consultant
2800 Faucette Drive Raleigh, NC 27606 Salary: 4300 Job Duties: As the Central West Regional Consultant I help local government agencies across the state of North Carolina obtain state and federal funding by applying with PARTF (Parks and Recreation Trust Fund)/LWCF (Land and Water Conservation Fund) applications. I administer and help local government obtain funding to acquire land acquisition and development projects. Coordinate annual inspections to determine the progress on the projects funded. Also, monitor local government's development of project through a contract from NC State Parks. Also, monitor local government's financial activity and files. Also, assist local government agencies with technical assistance. I host conferences, workshops, webinars that educate local governments on variety of topics dealing with Parks and Recreation. I speak at different university about my filed of work to help undergraduate and graduate students with their career path. I was in charge of the largest webinar called Bringing Swag Outside. It was a webinar hosted by me with guest speakers to share knowledge on why the hard to reach audience has a disconnection with outdoor recreation. Also, I was in charge providing a safe guality environment for the community by planning out reachable technical assistance. I also provided a diversity webinar that was strategically for the tribal and rural communities. Also, served on staff resource committee for new employment opportunities. Served on the DEI committee for my department. I was in charge of renovating the policies, procedures, and guidelines so that they are more divers and equitable for our department. South Garner High School ■ August 2018 – August 2019 Special Education BST ■ 8228 Hebron Church Rd, Garner, NC 27529 Salary: 32,000 Job Duties: Assist BST teacher as behavior support team. Document student's behavior throughout the day and manage course work throughout the year. Work close to students on case load and Monitor their work. Assisted teacher with developing, implementing, execution, and monitoring the student's behavior reports and academic progress. Established and implemented a diversity and equity board for the students at South Garner High School. Raleigh Parks & Recreation
September 2016 -August 2018 Recreation Leader ■ 514 Method Road, Raleigh, NC 27607 Salary: \$12 hour Job Duties: Implement and coordinate activities and develop educational and recreational activities for the community. Operate multi-line telephone, book and schedule events, activities, recreation rooms and spaces as well as coaching children recreational sports, and all other clerical duties. Recreational leader, Mini Hoopster and Football program leader and developer. In charge of Facility management, Facility booking, and extraordinary events. JD

Rashawn C King

Lewis Center
February 2016 - August- 2018 Program Developer/Production Analyst
2245 Garner, Rd Raleigh, NC 27610 Job Duties: Develop and implement programs for youth development, manage yearly budget, develop mobile apps for patrons to register online, manage point of sales with point of sales app, Implement Scrum software into organization, and implement DeVops system into the programs. Supported internal and external stakeholders through community outreach and engagement though recreational programs. United States Postal Service ■ April 2017 - May 2017 Assistant Rural Carrier 2100 Lake Dam Road, Raleigh, NC 27606 Salary: \$17hour lob Duties: Deliver parcel to customer's residence. Garner Parks & Recreation ■ July 2016 – June 2017 Recreation Leader ■ 125 Avery St, Garner, NC 27529 Salary: \$13 hour Job Duties: Coordinated activities and developed educational and recreational activities for the community. Operated multi-line telephone, booked and scheduled events, activities, recreation rooms and spaces as well as coaching children recreational sports and all other clerical duties. Camp Counselor. Recreational leader, Mini Hoopster, Sluggers, Kickers, and Football program leader and developer. Also, facility management and open gym manager. Middle Creek High School June 2013 – July 2016 Basketball/Football coach ■ 123 Middle Creek Park Ave, Apex, NC 27539 Job Duties: Coached men's basketball and football and help develop players into better athletes. Developed Running drills, participated in practice exercises, mentored the players and, attended all games and called plays, taught players to become aware of surroundings while on field or court. Also, assisted athletic director with administrative duties, scheduling meetings, coordinating athletic games, and managed equipment. The Farm UNC Facility-Staff Recreation Association ■ August 2015 – December 2015 Event Management/Programming Plan ■ 1 Alice Ingram Circle Chapel Hill, NC 27517 Job Duties: Completed an event management class, which required to create a Halloween program for the private nonprofit organization The Farm. Eastern Entertainment ■ June 2012 - August 2014 Parking Staff • 4708 Holland Church Rd, Raleigh, NC 27603 Salary: \$16 hour Job Duties: Directed traffic and parked cars during events.

Volunteer Experience

President of Black Salute. Non-profit organization that provided events, educational programs, and assist trouble youth in the African American Community in Southeast Raleigh. 2019-present Oaks & Spokes- Local cyclist group in Raleigh, NC. 2024-Present City or Raleigh Parks, Recreation, and Greenway Advisory Board - 2020-2024 Make-A-Wish Committee-

Education

NC State University. College of Natural Resources : Master of Science in Parks, Recreation, Tourism, and Management. North Carolina Central University. Kinesiology: Bachelors of Science in Recreation Administration, with a concentration in Parks and Recreation.

Comments

Rashawn_Cortez_King_NEW.pdf Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth	
Gender *	
✓ Male	
Ethnicity *	
African American	
Other	
How did you become aware of Wake County vo	lunteer opportunities?
County Website	

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found <u>here</u>.

Rashawn Cortez King

Email: <u>Rashawn@greenway.org</u> - Phone: (919) 274-3722

Education

NORTH CAROLINA STATE UNIVERSITY

May 2017-May 2019 • Graduate School- Masters of Science in Parks, Recreation, Tourism, and Sports Management

Cumulative GPA: 3.4

NORTH CAROLINA CENTRAL UNIVERSITY

August 2012 – May 2016 - Bachelor of Science in Recreation Administration with a Concentration in Parks & Recreation Management

- Cumulative GPA: 3.263
- NCCU TRU Grit Ward Athletics Award
- Rho Phi Lambda Honor Society
- Carl Washington Recreation Award

Middle Creek High School

August 2008 – May 2012 • High School Diploma:

- Cumulative GPA: 3.4
- Middle Creek Jerel Hudson Award
- Middle Creek MYP Award Spotlight on students Award WCPSS

Experience

Triangle Trails Initiative: May 2023 - Present

Title: Program Manager

Job duties: As the Program Manager for Triangle Trails I collaborate with County and local officials and Parks Directors to help them with funding, connectivity, advocacy, planning, and maintaining of greenways and trails. Also, I host events, programs, and workshops for county and local municipalities. I develop regional maps for connectivity and I assist with all regional projects around feasibility studies, design, and construction.

North Carolina State University (College of Natural Resources) - August 2019 - Present

Central West Regional Consultant • 2800 Faucette Drive Raleigh, NC 27606 Salary: 4300

Job Duties: As the Central West Regional Consultant I help local government agencies across the state of North Carolina obtain state and federal funding by applying with PARTF (Parks and Recreation Trust Fund)/LWCF (Land and Water Conservation Fund) applications. I administer and help the local government obtain funding to acquire land acquisition and development projects. Coordinate annual inspections to determine the progress on the projects funded. Also, monitor local government's development of projects through a contract from NC State Parks. Also, monitor local government's financial activity and files.

Also, assist local government agencies with technical assistance. I host conferences, workshops, webinars that educate local governments on a variety of topics dealing with Parks and Recreation. I speak at different universities about my field of work to help undergraduate and graduate students with their career path. I was in charge of the largest webinar called Bringing Swag Outside. It was a webinar hosted by me with guest speakers to share knowledge on why the hard to reach audience has a disconnection with outdoor recreation. Also, I was in charge of providing a safe quality environment for the community by planning out reachable technical assistance. I also provided a diversity webinar that was strategically for the tribal and rural communities. Also, served on staff resource committee for new employment opportunities. Served on the DEI committee for my department. I was in charge of renovating the policies, procedures, and guidelines so that they are more diverse and equitable for our department.

South Garner High School - August 2018 - August 2019

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Job Duties: Assist BST teacher as behavior support team. Document student's behavior throughout the day and manage course work throughout the year. Work close to students on caseload and Monitor their work. Assisted teacher with developing, implementing, execution, and monitoring the student's behavior reports and academic progress. Established and implemented a diversity and equity board for the students at South Garner High School.

Raleigh Parks & Recreation - September 2016 - August 2018

Recreation Leader = 514 Method Road, Raleigh, NC 27607 Salary: \$12 hour

Job Duties: Implement and coordinate activities and develop educational and recreational activities for the community. Operate multi-line telephone, book and schedule events, activities, recreation rooms and spaces as well as coaching children recreational sports, and all other clerical duties. Recreational leader, Mini Hoopster and Football program leader and developer. In charge of Facility management, Facility booking, and extraordinary events.

JD Lewis Center - February 2016 - August- 2018

Program Developer/Production Analyst • 2245 Garner, Rd Raleigh, NC 27610

Job Duties: Develop and implement programs for youth development, manage yearly budget, develop mobile apps for patrons to register online, manage point of sales with point of sales app, Implement Scrum software into organization, and implement DeVops system into the programs. Supported internal and external stakeholders through community outreach and engagement through recreational programs.

United States Postal Service - April 2017 - May 2017

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Middle Creek High School - June 2013 - July 2016

Basketball/Football coach • 123 Middle Creek Park Ave, Apex, NC 27539

Job Duties: Coached men's basketball and football and help develop players into better athletes. Developed Running drills, participated in practice exercises, mentored the players and, attended all games and called plays, taught players to become aware of surroundings while on field or court. Also, assisted the athletic director with administrative duties, scheduling meetings, coordinating athletic games, and managed equipment.

The Farm UNC Faculty-Staff Recreation Association - August 2015 - December 2015

Event Management/Programming Plan • 1 Alice Ingram Circle Chapel Hill, NC 27517

Job Duties: Completed an event management class, which required to create a Halloween program for the private nonprofit organization The Farm.

Eastern Entertainment - June 2012 - August 2014

Parking Staff = 4708 Holland Church Rd, Raleigh, NC 27603 Salary: \$16 hour

Job Duties: Directed traffic and parked cars during events.

Skills and Abilities

- PC and Mac user
- Administrative duties.
- Event Planning
- Program Manager
- customer service (10 years)
- Proficient computer skills: Microsoft word, Excel, Power Point, Class software, and Active Net •
- Accounts and Budgeting
- Exceptional Leadership Skills
- ArcGIS Desktop
- ArcGIS Maps
- Google Earth Pro
- QGIS 7.4.0
- File management and windows explorer skills
- Outreach and engagement with the communities
- Environmental justice and outreach
- Implementation of policies, procedures, and guidelines
- Development and execution of recreational environmental plans

Certifications

- Completion of Risk Management Course (A)
- Completion of Advanced Marketing
- First Aid/CPR/AED Certified
- Behavior Management Training
- ARCGIS Desktop
- ARCGIS Map
- Diversity, Equity, and Inclusion training certification

Honors & Awards

- St. Louis Musical Awards
- Award of Excellence (North Carolina State University)
- Make-A-Wish Award
- Leukemia Lymphoma Society Honored Hero Award
- Leukemia Lymphoma Society Honors Society Award

- Greater Raleigh Character & Courage Award
- Youth Coach Outstanding Services Award (GPRCR)

Volunteer Services

Black Salute NPO, September 2020 – Present

- President of Black Salute NPO
- Developed & Coordinated community events
- Implemented timeline for all community events.
- Provided equipment and volunteers for community events

City of Raleigh Parks and Recreation, September 2020 - Present

• Elected official for the City of Raleigh Parks & Recreation Advisory Board

Make-A-Wish Organization, September 2020 - Present

- Member of the Make-A-Wish Stargaze
- Member of the Wish team
- Member of the Make-A-Wish Advisory board

University of North Carolina, August 2019-present

- Children cancer clinic committee
- Diversity, Equity, and Inclusion committee

North Carolina State University, August 2019- April 2023

• Member of the Diversity, Equity, and Inclusion Committee for the College of Natural Resources

Bugg Elementary, May 2017 – June 2017

- Mentored students
- Assisted principal with after school program

Rashawn King Page 6

Profile

Which Boards would you li	ke to apply for?			
Open Space and Parks Advisory	Committee: Subm	itted		
Please select your first Bo	ard preference:	*		
Citizen's Energy Advisory Co	mmission			
Please select your second	Board preferend	:e: *		
Open Space and Parks Advis	ory Committee			
Please select your third Bo	ard preference:	*		
✓ Yates Mill Park Advisory Boa	rd			
Please select your fourth E	Board preference	2: *		
Keep America Beautiful Advi	sory Board			
Please select your fifth Bo	-	*		
✓ Water Partnership				
		۰		
Please select your sixth Bo	bard preference	*		
Apex Planning and Zoning B	oard			
Mark	Cohura	aol		
First Name	Middle Last Name	•		
3440 Olive Glen Drive				
Street Address			uite or Apt	
Арех		١	IC	27502
City		S	tate	Postal Code
What district do you live in	1?			
District 3				
Mobile: (919) 664-4587 Primary Phone	Home: (919) 285- Alternate Phone	0750		
mbschwegel@gmail.com Email Address				
Trilliant Networks	Project Director			

⊙ Yes ⊙ No

In order to assure countywide representation, please indicate your place of residence:

Apex

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I have served in the past and would like to serve again.

Work Experience

Trilliant Networks; Director, Projects United States 2023-Present CommScope; Program Manager 2021-2023 Landis and Gyr; Senior Project Manager 2018-2021 Itron; Program Manager; Program Manager 2017-2018 Sensus Metering: Project Manager 2015-2017 Siemens-Smart Grid; Project Manager 2012-2015 Elster/EnergyICT; Senior Project Manager 2011-2012 Aviat Networks (Formerly Harris-Stratex and Harris MCD); Project Manager 2008-2011 Harris Corporation; Network Planning Engineer (Implementation Manager) 2006-2008 Advancia Corporation; Senior Systems Engineer 2003-2006 Harris Corporation; Electrical Engineer 1995-2003 United States Air Force 1978-1995

Volunteer Experience

Wake County - Energy Advisory Commission (2015 - 2021) Wake County - Open Space and Parks Advisory Commission (2012 - 2021) Lutheran Social Services of Alaska; Board of Directors 2002-2006 Lutheran Church of Hope Council Member 1996-2001 BSA Asst. Scout Master T215 - 1994-2001 BSA Committee Member T152 - 2013-Present

Education

MIDWESTERN STATE UNIVERSITY~ M.A.~ Public Management and Political Science WAYLAND BAPTIST UNIVERSITY~ B.S.~ Business Administration and Vocational Education;A.S.~ Electronics Technology COMMUNITY COLLEGE OF THE AIR FORCE~A.S.~ Instructor Technology

Comments

Mark_Schwegel_Resume_2024.pdf

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Mark Schwegel

Date of Birth

Gender *

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

Other

If you selected "Other" above, how?

I have served in the past

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found <u>here</u>.

MARK B. SCHWEGEL

April 20125 – April 2017

QUALIFICATIONS PROFILE

Seasoned, experienced, highly motivated and results-driven Program/Project/Portfolio Manager; completing projects using traditional waterfall, Agile, and a hybrid of both waterfall and Agile methodologies. Successfully led projects on five continents, over 24 countries utilizing multi-national, multicultural teams across the globe. Knack for 'turning around' failed projects (lumps of coal) into successful/profitable projects (diamonds). Strategic, innovative, proven leader who thrives on challenge and the opportunity to excel and deliver. Able to work independently or in a team environment handling complex assignments with efficiency. Creative problem solver, with a keen attention to detail and quality. Independent worker with a high degree of initiative and motivation to serve client needs.

KEY STRENGTHS

 Leadership; 	 Relationship Building/Repair;
 Client Needs Analysis/Requirements Gathering; 	Strategic Planning;
 Able to simplify and communicate complex problems and 	Excellent presentation and communications skills, effective writer
solutions;	and contract negotiator.

SKILLS

- Successfully manages a portfolio of projects that includes both internal and external customers with value up to \$35M.
- Responsible for the P&L and managing the set margins with an eye on opportunities to improve/increase the margins.
- Accountable for all project management activities related to all assigned projects, serving as the customer's single point of contact.
- Utilize PMI principles & processes for the management of all assigned projects: Initiation, Planning Execution, Controlling and Closing.
- Manage and drive customer expectations and satisfaction through project performance (cost, quality, and schedule).
- Develop and write Statements of Work (SOW), Methods of Procedure (MOP), Request for Quote (RFQ), Basis of Estimate (BOE), and Change Orders.
- Wrote and published Implementation Service Plans detailing the implementation plan for the installation.
- Develop and maintain detailed project plans using Microsoft Project 2010.
- Develop and maintain resource plan and obtain buy-in from line managers, manage and supervise project resources to include internal and external contractors, field (RF) engineers, software development engineers, IT staff, supply, and finance staff.
- Interview, hire, and train project teams.
- Report technical, financial, and schedule performance to customer and internal management.
- Actively manage scope changes and risks through rigorous change and risk management processes.

PROFESSIONAL EXPERIENCE

Trilliant Networks ; Director, Projects United States Delivery of strategic business and technology solutions that will benefit the US energy industry.	June 2023 - Current
CommScope; Program Manager Mobility Solutions Responsible for the successful development, delivery, and implementation of 5G networks.	January 2021 – May 2023
CommScope; Project Manager Broadband Networks Supply Chain Responsible for the successful delivery, and implementation of multiple factory (fiber) lines, and modifications and upgra	January 2021 – December 2021 des to existing lines.
Landis and Gyr; Senior Project Manager Responsible for the successful development, delivery, and implementation of an integrated Meter Data Management Sys Management solutions.	April 2018 – January 2021 stems (MDMS) and Energy
Itron; Program Manager Responsible for the successful development, delivery, and implementation of Itron's Riva AMI Solution.	April 2017 – April 2018

Sensus Metering: Project Manager

Responsible for the successful development, delivery, and implementation of Sensus' Regional Network Interface (RNI) AMI solution.

Siemens/Omnetric; Project Manager Responsible for the successful development, delivery, and implementation of an integrated Meter Data Management.	October 2012 – April 2015
EnergyICT/Elster; Senior Project Manager Responsible for the successful development, delivery, and implementation of an integrated Meter Data Management.	April 2011 – October 2012
Aviat Networks (Formerly Harris-Stratex & Harris MCD); Project Manager Responsible for the successful development, delivery, and implementation of microwave communications system/solutions	March 2008 – April 2011
Harris Corporation; Network Planning Engineer (Implementation Manager East Region) Managed all aspects of the installation of the new system including scheduling, engineering design, manpower allocation, is compliance of specifications.	February 2006 – March 2008 nonitored contractor for
Advancia Corporation; Senior Systems Engineer Utilized knowledge of engineering design, installation, monitoring, maintenance, and repair of FAA's ANICS system	October 2003 – January 2006
Harris Corporation; Electrical Engineer Team member of project engineers testing and commissioning FAA Satellite earth stations in Alaska.	April 1995 – October 2003
 United States Air Force Elmendorf AFB Alaska -Antenna Maintenance Supervisor Sheppard AFB Texas - Technical Training Instructor Minot AFB North Dakota - Communications Job Control Center Supervisor 	

Mark B. Schwegel, Page 2

• Griffiss AFB New York, Lindsey AS Germany, Minot AFB North Dakota - Antenna/Telephone Outside Plant Installation Technician

VOLUNTEER

- Wake County North Carolina Open Space and Parks Advisory Commission (2012 2021)
- Wake County North Carolina Energy Advisory Commission ((2015 2021)
- Lutheran Social Services of Alaska; Board of Directors (2002 2006)

EDUCATION

MIDWESTERN STATE UNIVERSITY, Wichita Falls, Texas

• M.A., Public Management and Political Science

WAYLAND BAPTIST UNIVERSITY, Plainview, Texas

- B.S., Business Administration and Vocational Education
- A.S., Electronics Technology

COMMUNITY COLLEGE OF THE AIR FORCE

• A.S., Instructor Technology

CERTIFICATIONS

- Project Management Professional PMP
- FCC License (General Radiotelephone Operator)
- Siemens Seminar for Project Managers (PRL-E)
- Siemens Project Management Planning and Simulation (PMPLS-IS-E)
- Sanford Advanced Project Management Managing Without Authority

Profile

Which Boards would you li	ke to app	ly for?		
Open Space and Parks Advisory	Committee	e: Submitted		
Please select your first Boa	ard prefei	rence: *		
Historic Preservation Commission	ssion			
Please select your second	Board pre	eference: *		
Open Space and Parks Advis	ory Commi	ttee		
Please select your third Bo	ard prefe	erence: *		
Library Commission				
Please select your fourth B	loard pre	ference: *		
Planning Board				
Please select your fifth Boa	ard prefe	rence: *		
City of Raleigh Planning Com	mission			
Please select your sixth Bo	ard prefe	erence: *		
Water Partnership				
Thomas	В	McBrayer		
First Name	Middle Initial	Last Name		
408 E Hargett Street, #131				
Street Address			Suite or Apt	
Raleigh			NC	27601
City			State	Postal Code
What district do you live in	1?			
None Selected				
Mobile: (828) 850-9163 Business: (919) 962-6082 Primary Phone Alternate Phone				
tbmcbrayer@northcarolina.edu Email Address				
The University of North Carolina System Employer	Associate University Job Title	Secretary of the		

Thomas B McBrayer

⊙ Yes ⊙ No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I want to give back to my community and make a positive impact. I think citizen advisory boards are a great way to contribute. I believe my experience and fresh perspective would be an asset to a board.

Work Experience

Associate Secretary of the University - The UNC System - June 2022-Present Executive Assistant - The University of North Carolina System - June 2021-June 2022 Staff Assistant/Field Director - US House of Representatives - May 2017-May 2021 Management Intern - City of Hickory City Manager's Office - May 2020-August 2020 Management Intern -City of Conover City Manager's Office - May 2018-August 2018

Volunteer Experience

City of Hickory Public Art Commission - January 2013-June 2015

Education

Master of Public Administration - Appalachian State University - 2020 Bachelor of Science, Political Science - Appalachian State University - 2019

Comments

Resume_Thomas_McBrayer_2022.docx

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Gen	de	r *
-----	----	-----

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found <u>here</u>.

THOMAS B. MCBRAYER

408 E HARGETT ST APT. 131 RALEIGH, NC 26701 828.850.9163 | <u>THOMMCBRAYER@GMAIL.COM</u> | linkedin.com/in/thomasmcbrayer

EDUCATION	Master of Public Administration Appalachian State University, Boone, NC GPA: 3.86/4.0	December 2020
	Bachelor of Arts, Political Science Appalachian State University, Boone, NC GPA: 3.5/4.0	May 2019
RELATED		
WORK EXPERIENCE	<i>Associate Secretary of the University</i> , The UNC System Office	June 2022- Present
	Manages the UNC System Code and Policy Manual	
	• Reports Code/Policy Manual Amendments to the Board of Governors.	
	 Makes technical corrections and prepares amended regulations/guidelines for signature by the President of the System. 	
	• Plans, organizes, and facilities meetings of the UNC System Board of Governors each month.	
	• Ensures the UNC Board of Governors are meeting their statutory obligation to fill boards and commissions by providing the board members the necessary information to make appointments.	
	 Manages/updates a database with information about UNC Institution's Boards of Trustees and other affiliated entities. 	
		June 2021-May 2021
	<i>Executive Assistant,</i> SVP of Strategy & Policy, The UNC System Office	
	• Persuaded, prioritized, and negotiated to build cooperation and a variety of internal and external contacts and groups.	
	Represented the Senior Vice President on a variety of subjects	
	various committees; and attended meetings in SVP's absence.Prevented scheduling conflicts or anticipates and resolves con	
	SVP's schedule and/or priorities.	
	• Independently researched, developed, and composed presenta	tion materials and
	speeches for the SVP in a variety of settings.Advised subordinate unites on fiscal matters such as budget place.	lanning hudget analysis
	and funding sources in conjunction with the Senior Vice Presi	0 0
	• Managed the overall budget for the SVP by reporting expendi	

of funds and sources on a regular basis.

OTHER EXPERIENCE

Staff Assistant, US House of Representative District

- Office, Boone, NC
 - Assisted constituents with issues including, but not limited to, passport expedition, social security disability, and general questions about government services
 - Traveled with the Congresswoman to events
 - Staffed Veterans Information Sessions
 - Acted as a personal aide to the Congresswoman
 - Managed and created content for the Congresswoman's Facebook, Instagram, and Twitter accounts
 - Attended meetings with dignitaries at all levels of government including but not limited to the Speaker of the US House, North Carolina Governor and Lt. Governor, and United States Senators
 - Managed the regional Congressional office by greeting visitors, answering phone calls, etc.

Profile

Which Boards would you	like to apply for?		
Open Space and Parks Advis	ory Committee: Submitted		
Please select your first	Board preference: *		
Open Space and Parks Ac	lvisory Committee		
Please select your seco	nd Board preference: *		
☑ None Selected			
Please select your third	Board preference: *		
☑ None Selected			
Please select your fourt	h Board preference: *		
☑ None Selected			
Please select your fifth	Board preference: *		
☑ None Selected			
Please select your sixth	Board preference: *		
✓ None Selected			
Stephen	A Gibson		
First Name	Middle Last Name Initial		
2228 Hollowgate			
Street Address		Suite or Apt	
Raleigh		NC	27614
City		State	Postal Code
What district do you live	e In?		
None Selected			
Mobile: (919) 412-1495	Home: (919) 607-3605		
Primary Phone	Alternate Phone		
sgibson@coolriversystems.c Email Address	om		
Cool River Systems, LLC	Vice President		

Stephen A Gibson

⊙ Yes ⊙ No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I am semi-retired and I would like to volunteer my time to help the community

Work Experience

I have been co-owner a a small electronics company for the past 20 years

Volunteer Experience

Habitat for Humanity, Food Bank, I work to provide food and other necessities to recently arrived immigrants.

Education

Masters of Computer Science - UTEP

Comments

SteveGibsonETLResume.doc

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Gender *

🔽 Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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Stephen A. Gibson 2228 Hollowgate Raleigh, NC 27614 sgibson@coolriversystems.com (919) 412-1495

PROFILE

Senior software engineer with many years of experience in the areas of software development, database design, data analysis, ETL programming and control systems.

AREAS OF EXPERTISE

- Programming Languages C#/.net, C++/Qt, C, R
- Database Systems MS SQL Server, MS Access, MySQL, SQLite and MS Entity Frameworks
- IDEs Visual Studio, VS Code, Eclipse
- Data Formats XML, JSON, CSV
- Spreadsheets MS Excel
- Product Development Cycle Specification writing, Test driven development, Agile

EXPERIENCE

Software Consultant (2016 - Present) Frantec, LLC – Raleigh, NC

Frantec provides software and hardware consulting services to a wide assortment of companies. I have completed many software projects for a variety of clients. Some of these projects were stand-alone applications used for collecting and managing data while others were front end GUI applications designed to control hardware and collect data from that hardware. Most of the applications I have written over the past several years were written in C# or C++ but many have had components written in other various languages. Many also had requirements for data reporting using various report tools such as Crystal Reports. These applications generally interface with hardware and/or include some sort of small-scale database design and interface. All projects required extensive interaction with the clients to ensure the final product met all requirements and was correct and bug free.

Software Engineer (2015-2016) Information Technology Works – Raleigh, NC

At IT Works I primarily performed data engineering functions. This involved writing ETL software to extract client data from a wide range of data sources, mine and transform the extracted data into a usable form and then load that data into a proprietary accounting system. Technologies and languages used include C#, SQL, Entity Frameworks, XML and JSON.

Software Engineer (2003 - 2015) Cool River Systems, LLC – Raleigh, NC

Cool River Systems is a pioneer in the development of hand-held wireless timing systems for competitive sports and training. Cool River Systems has developed the Dolphin Wireless Swim Timing System and the Roadrunner Wireless Track Timing System. Both are distributed by Colorado Time Systems. My primary role at Cool River Systems was to design and implement user interface applications that provide the user with a means of controlling the timing systems and extracting the timing data. This data was then translated and distributed to databases using common data formats such as XML, JSON and CSV. These applications

were originally written in C++ using the Qt libraries. They have since been rewritten using the Visual Studio IDE and the C# language. On the back end they communicate with the hardware via USB FTDI serial drivers.

Software Developer (2001-2003) DataDirect Technologies – Raleigh, NC

DataDirect Technologies (now part of Progress Software) is a leading producer of database drivers. I worked on the ODBC team where I was responsible for updating driver code for MS SQL Server and Informix databases. I maintained this code on multiple platforms, including Windows, Solaris, Linux, HP and AIX. I was also responsible for porting all the ODBC driver code to 64-bit platforms.

Software Engineer III (1999-2001) Fujitsu Network Communications – Raleigh, NC

Designed and maintained GUI's used for the management of ATM/SONET switches.

Project Coordinator

Dataware Technologies - Boulder, CO

My duties at Dataware were very broad since Dataware was a relatively small company. Tasks I performed on a regular basis included writing C and Perl programs for data conversion, writing Visual Basic front ends for custom applications, writing macros in text editors for data conversion, designing Visual Basic/MS Access databases for tracking large projects, and writing install scripts. My job often involved managing projects from start to finish. This required organization and tracking of large amounts of data, extensive client interaction and managing the technical assistants who were assigned to the project.

EDUCATION

Post Graduate - Master of Computer Science - University of Texas at El Paso

My focus in graduate school was database design and image processing. I have also taken courses on operating systems, real-time systems, computer graphics, advanced algorithms and theory of computation. My thesis, which deals with satellite image registration using fast Fourier transforms, was chosen as the top thesis in the computer science department and was published as: S. Gibson, V. Kreinovich, L. Longpre, B. Penn and S. Starks, "Intelligent Mining in Image Databases, with Applications to Satellite Imaging and to Web Search," Data Mining and Computational Intelligence, Vol. 68, 2001.

Bachelor of Business Administration, University of Texas at El Paso

Profile

Which Boards would you li	ike to app	bly for?		
Open Space and Parks Advisory	v Committe	e: Submitted		
Please select your first Bo	ard prefe	rence: *		
Open Space and Parks Advis	sory Comm	ittee		
Please select your second	Board pr	eference: *		
☑ Library Commission				
Please select your third Bo	oard pref	erence: *		
☑ None Selected				
Please select your fourth I	Board pre	ference: *		
☑ None Selected				
Please select your fifth Bo	ard prefe	erence: *		
☑ None Selected				
Please select your sixth Bo	oard pref	erence: *		
☑ None Selected				
Michael	А	Rantilla		
First Name	Middle Initial	Last Name		
1804 Pictou Road				
Street Address			Suite or Apt	
Raleigh			NC	27606
^{City} What district do you live in	n?		State	Postal Code
None Selected				
Mobile: (919) 260-6598 Primary Phone	Home: (9 Alternate Phon	19) 260-6598 e	_	
mrantilla73@gmail.com Email Address			_	
HDR Employer	Project Pr Job Title	rincipal	_	

Michael A Rantilla

⊙ Yes ⊖ No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

As a longtime Raleigh resident and architect, I have a passion for community amenities such as parks, museums, and libraries. I'd like to leverage my 27 years of experience designing these types of projects to help our community continue to grow and beautify in a sustainable and equitable manner. As a native of Brazil, a prior resident of France and Italy, and an avid traveler, I can offer global viewpoints to help balance local ones.

Work Experience

HDR - Project Principal EwingCole - Regional Director Perkins & Will - Operations Director and Technical Director Freelon - Associate Principal Gurlitz Architectural Group - Project Architect

Volunteer Experience

Prospective Student Interviewer - Cornell University Design Studio Visiting Juror - NCSU and Wake Tech NC Modernist Houses - Tour Location High School Drafting Student Host -Architect Office Dav

Education

Cornell University - Bachelor of Architecture - 1996

Comments

Michael Rantilla Resume 2023.pdf

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Gen	dei	* *
-----	-----	-----

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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Michael Rantilla, AIA LEED BD+C

1804 Pictou Road Raleigh, NC 27606 919.260.6598 mrantilla73@gmail.com www.linkedin.com/in/michael-rantilla

Focus

Creative, meticulous and organized architectural office leader with over 25 years experience delivering award winning, client-focused solutions

Professional Experience HDR – Project Principal Raleigh, NC 2022 - present EwingCole – Regional Director Perkins+Will – Operations Director | Technical Director Raleigh, NC 2018 - 2022 Sao Paúlo, Brazil | Durham, NC 2014 - 2018 Freelon - Associate Principal 2006 - 2014 Durham, ŃC Gurlitz Architectural Group – Project Architect Durham, NC 1997 - 2006 Paris, France | Detroit, MI Smithgroup - Designer 1996 - 1997

Credentials

American Institute of Architects	Member	2006
LEED Registered Professional	BD+C Accredited	2006
Registered Architect	North Carolina	2000
Bachelor of Architecture	Cornell University	1996

Professional Skills

Management: Client Management | Office Management | Team Management | Consultant Management | Construction Administration | Contract Negotiation Design: Presentations | Detailing | Construction Documents | Consultant Coordination Marketing: Business Development | Proposals | Interviews | Competitions Software: Microsoft Office | Photoshop | Indesign | Deltek | CAD | Basic REVIT Languages: Fluent in English and Portuguese with basic knowledge of French | Italian | Spanish Citizenships: USA | Brazil

Projects and Awards

Project experience: Cultural | Commercial | Interiors | Higher Education | Residential | Retail | Religious | Science + Technology | Sports | Transportation | Mixed-use Size: Designed, documented and managed individual projects ranging in size from 2500sf | \$500,000 through 975,000sf | \$675,000,000 Awards: Completed projects have received over 40 local, regional and national design awards

Related Activities

Memberships: Building Enclosure Council | Triangle Architecture Design Society | North Carolina Modernist Houses | Cornell University Alumni Association Jury and Studio Critic: North Carolina State University College of Design | Wake Technical Community College | Architectural Lighting Magazine Annual Design Awards Lectures: International Architecture Forum | BEC Fenestration Symposium | Facades+ Conference | Savannah College of Art & Design | Designing Libraries VII | DC Public Library Academic: Founder and President, American Institute of Architecture Students (AIAS) chapter at Cornell University | Cornell in Rome Program