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

Citizens Energy Advisory Commission: Submitted**Please select your first Board preference: ***

☒ Citizen's Energy Advisory Commission**Please select your second Board preference: ***

☒ Citizen's Energy Advisory Commission**Please select your third Board preference: ***

☒ Citizen's Energy Advisory Commission**Please select your fourth Board preference: ***

☒ Citizen's Energy Advisory Commission**Please select your fifth Board preference: ***

☒ Citizen's Energy Advisory Commission**Please select your sixth Board preference: ***

☒ Citizen's Energy Advisory Commission

Stephen

First Name

S

Middle Initial

Kalland

Last Name

103 Joel Court

Street Address

1575 Varsity Drive

Suite or Apt

Cary

City

NC

State

27513

Postal Code

What district do you live in?

None Selected

Home: (919) 602-5033

Primary Phone

Mobile: (919) 602-5033

Alternate Phone

steve.kalland@gmail.com

Email Address

NC Clean Energy Technology
Center

Employer

Executive Director

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

☐ Yes ☒ No

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

☒ Cary

Interests & Experiences

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

I have long experience in the clean energy field and want to bring the expertise I have acquired to bear on the energy issues face by our community.

Work Experience

Executive Director, North Carolina State University, NC Clean Energy Technology Center, Jul 2014 – Present Deputy Director for Policy and Development, North Carolina State University, NC Clean Energy Technology Center (previously the NC Solar Center), Aug 2001 – Nov 2006 President, Clean Technologies Consulting, May 1998 – Aug 2001 Project Manager, McNeil Technologies, Jan 2001 – Jul 2001 Executive Director, MD-DC-VA Solar Energy Industries Association, Sep 1999 – Jan 2001 Director of Government Affairs and Grid-Tied Market Development, Xantrex Technology, Sep 1999 – Jan 2001 Senior Analyst, McNeil Technologies, Sep 1998 – Jan 1999 Director, State Programs and Policy Analysis, Solar Energy Industries Association, Jul 1995 – Jun 1998 Policy Analyst, Solar Energy Industries Association, Sep 1993 – Jun 1995 Graduate Fellow, Council on Economic Priorities, May 1992 – Sep 1992 Graduate Fellow, City of Rochester (NY), Office of Downtown Development, Sep 1991 – May 1992

Volunteer Experience

Zoning Board of Adjustment, Town of Cary, Oct 2017 – Present Board Member, Dutchess Village Homeowners Association (Cary, NC), Jan 2018 – Present Precinct Official, Wake County Board of Elections, Jul 2018 – Present (This position is compensated.) Jamboree Troop 200 (Cary, NC) - Parent Committee Member, Boy Scouts of America, Nov 2016 – Aug 2017 Cub Scout Pack 200 (Cary, NC) - Committee Member, Boy Scouts of America, Sep 2011 – Jan 2013 Citizens' Energy Advisory Commission, Wake County (NC), 2008 – 2009

Education

College of William & Mary, Bachelor of Arts (B.A.), Government / Psychology, Graduated 1991 University of Rochester, Master of Science (M.S.), Public Policy Analysis, Graduated 1993 Duke University, Certificate in Non Profit Management, June 2003 E4 Carolinas, Inc., Carolina Executive Energy Leaders Program, Feb 2020

Comments

[2019Mar24_Kalland_2Page_Resume.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

Gender *

☒ Male

Ethnicity *

☒ Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

☒ Current Wake County Volunteer

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 [here](#).

Stephen S. Kalland

103 Joel Court, Cary, North Carolina 27513, (919) 513-1896, sskallan@ncsu.edu

RELEVANT EXPERIENCE

North Carolina Clean Energy Technology Center (July 2014 - Present)

Raleigh, North Carolina

North Carolina Solar Center (Previous to July 2014)

Executive Director, November 2006 - Present

Direct the strategic vision of the NC Clean Energy Technology Center and its programs, including activities in renewable energy, clean power and energy efficiency technologies, green buildings, and clean transportation. Programs range from applied research, testing, technical assistance, economic development, public policy (including DSIRE), STEM education and workforce development.

Deputy Director for Policy and Development, August 2001 - November 2006

Directed day-to-day function of Policy and Outreach Program at the Center. Coordinated and conducted training across the country on distributed generation interconnection issues under contract for the Interstate Renewable Energy Council. Managed the Database of State Incentives for Renewables and Efficiency (DSIRE) project, including a team of policy analysts conducting policy research and comparative state analysis regarding clean energy regulation and legislation. Wrote over thirty proposals across numerous technology areas in response to funding agencies' competitive RFP solicitations with a high success rate.

Clean Technologies Consulting

Washington D.C.

President, May 1998 - August 2001

McNeil Technologies

Springfield, Virginia

Project Manager, January 2001 - July 2001

Senior Analyst, September 1998 - January 1999

Supported day-to-day functions of DOE's Office of Solar Energy Technologies under a general support contract.

Maryland-DC-Virginia Solar Energy Industries Association

Washington, DC

Executive Director, September 1999 - January 2001

Administered and directed day-to-day activities of the regional chapter of the Solar Energy Industries Association (SEIA), including legislative activities, program management, and membership development, through an association management contract with Clean Technologies Consulting.

Xantrex Technology (formerly Trace Engineering, now part of Schneider Electric)

Washington, DC

Director, Government Affairs and Grid-Tied Market Development, September 1999 - January 2001

Developed and implemented a new government affairs program for the Residential and Commercial Scale Unit of Trace Engineering as it was being acquired by Xantrex. Tracked and responded to regulatory issues affecting the products manufactured by Xantrex, particularly in the area of interconnection codes and standards and managed technical consultants hired for

these issue areas. Served as a legislative and regulatory consultant to other divisions of Xantrex Technology.

Solar Energy Industries Association

Washington, DC

Director, State Programs and Policy Analysis, June 1995 – July 1998

Policy Analyst, September 1993 – June 1995

Developed an agenda and coordinated state legislative and regulatory activities of SEIA and its affiliated state chapters on issues like electric utility restructuring and tax incentives. Worked with all major energy-related state government-focused associations and their members, including NARUC, NASUCA, NCSL, CSG, NASEO, and IREC. Served as the manager and key point of contact for the SEIA State Chapter Presidents Council and the extended SEIA chapter network. Responsible for new chapter development in key political or market states. Identified potential grassroots leaders and enabled them to lead development of new chapters in Washington state, Great Lakes Region, Mid-Atlantic Region, and New England.

CERTIFICATIONS AND ORGANIZATIONAL AFFILIATIONS

- Carolina Executive Energy Leaders (CEELS) program, E4 Carolinas, January 2019 - Present
- Dutchess Village HOA Board of Directors, January 2018 - Present
- Town of Cary, Zoning Board of Adjustment (Alternate), September 2017 - Present
- Research Triangle Clean Technologies Cluster (RTCC), Advisory Council Member, December 2012 - Present
- North Carolina Sustainable Energy Association (NCSEA)
 - Member 2001 - Present (Life Member since 2003)
 - Board of Directors, November 2005 - Present
- Environmental and Energy Study Institute, Advisory Board Member, 2004 - Present
- American Solar Energy Society (ASES), Member, 1993 - Present (Life Member since 2001)
- Smart Grid Consumer Collaborative, Research Committee Member, November 2014 - 2016
- MD-DC-VA Solar Schools Foundation, Board of Directors member, 2000 - 2016
- NC GreenPower, Board of Directors Member, March 2003 - October 2014
- Interstate Renewable Energy Council (IREC), Board of Directors Member, September 2001 - August 2014
- Wake County Citizens' Energy Advisory Commission, Member, April 2007 - March 2008
- Certificate in Non-Profit Management, Duke University, June 2003
- US Combined Heat and Power Association, Executive Committee Member, 2003 - 2005

TEACHING

- Co-Lead Instructor for Environmental Technology ET 240 – Wind and Hydropower, (Spring 2017)
- Lead Instructor for Environmental Science ES 300 – Energy and Environment, (Spring 2014 – Spring 2016)
- Occasional Guest Instructor for multiple courses in ES, ET, Architecture (ARC), Ag and Resource Economics (ARE), and other departments
- Instructor in multiple NCCETC Continuing Education Certificate courses

EDUCATION

University of Rochester

New York

Master of Science, Public Policy Analysis, May 1993

Rochester,

College of William and Mary

Williamsburg, Virginia

Bachelor of Arts, Government/Psychology, May 1991

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

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☒ Citizen's Energy Advisory Commission**Please select your second Board preference: ***

☒ GoTriangle Board of Trustees**Please select your third Board preference: ***

☒ WakeMed Hospital Board of Directors**Please select your fourth Board preference: ***

☒ Jury Commission**Please select your fifth Board preference: ***

☒ Raleigh-Durham Airport Authority**Please select your sixth Board preference: ***

☒ Centennial Authority

Patrick

First Name

J

Middle Initial

Murray

Last Name

117 Bosswood Ct

Street Address

Suite or Apt

Cary

City

NC

State

27518

Postal Code

What district do you live in?

None Selected

Mobile: (919) 412-2104

Primary Phone

Home: (919) 757-1029

Alternate Phone

pmurray486@protonmail.com

Email Address

Intel Corporation (Retired);
NCSU (Volunteer)

Employer

Retired, Volunteer

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

☐ Yes ☒ No

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

☒ Cary

Interests & Experiences

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

I have been serving on the Town of Cary Information Services Citizen's Advisory Board for 2 years, and I have really enjoyed the opportunity to use my experiences & skills to help the Town on plans they are developing and with decisions they have to make. As a parent and a former technology executive who has lived here for over 20 years, I am interested in doing more to help the community we live in.

Work Experience

Intel Corporation, 1986-2016. In a variety of roles (see details in resume). Developed key skills in strategic planning, customer & market insights, cross organizational leadership, and global relationship development.

Volunteer Experience

NC State University, Executive Coach/Student Mentor and Member of the Advisory Board in the Industrial & Systems Engineering Department (2018- current) Raleigh Charter High School, Board Member (Secretary) (2018-present), VP of Buildings & Grounds Volunteers (2015-current) Town of Cary, Information Services Advisory Board, Vice Chair, (2019-current) Circular Economy Club, NCSU Chapter Organizer/Leader (2020-current) Miracle League of the Triangle, Coach, (2018-current) Lufkin Road PTA, Vice President (2016-2018) Boy Scouts of America, Troop 316, Asst Scout Master (2008-2012)

Education

NC State University, BS Industrial Engineering, 1988

Comments

I have a particular interest in serving in roles that address Environment/Sustainability and Public Health

[Patrick J Murray CV 2018.pdf](#)

Upload a Resume

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Demographics



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☒ Male

Ethnicity *

☒ Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

☒ County Website

If you selected "Other" above, how?

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PATRICK MURRAY

117 Bosswood Ct, Cary, North Carolina 27518

pmurray486@gmail.com +1(919) 412-2104

Skills Summary

Strategy Development & Execution, Product Planning, Global Relationship Development with an emphasis on Co-Marketing & Co-Selling, Market Research & Insights Finding, Cross Organizational Leadership across functional & geographic lines, Budget/Auditing/Metrics, and Leader Development. 12 years volunteering with Youth organizations with skills in youth coaching & mentoring, volunteer recruitment, and committee leadership.

Education

BSIE, North Carolina State University, Raleigh, North Carolina 1988

The Collegiate School, Richmond, Virginia 1983

Employment Experience

Intel Corporation

Global Consumer Sales Director (2010-2016)

Responsible for the sales of Intel based computing products through 103,000 Global Retail storefronts in over 30 countries. Key Results: Improved annual sales run rate by \$1B, established Intel's presence in the Mobile Specialty Retailer channel, and exceeded first year sales goals for new product categories: Ultrabook's, 2 in 1's, and Intel based tablets. During 2012 & 2014, reported directly to the CMO.

Director, Consumer PC Strategic Marketing (2007-2010)

Responsible for setting Intel's product & capabilities roadmap for Consumer PC's. Key Results: Simplified the CPU product range, transitioned Intel out of the Viiv Platform program, and developed key technologies in Core based CPU's.

Director WW Software Alliances & Programs (2003-2007)

Responsible for Intel's engagements and results with WW Independent Software & Operating System Vendors. Key Results: Created Intel's first formalized ISV Alliance Program, created system for tracking key joint sales wins with software vendors, and launched systematic ISV co-marketing programs for vertical markets.

Regional Applications Manager (1998-2002)

Responsible for Intel's Technical & Design Win Results with IBM Worldwide. Key Results: Negotiated Intel-IBM Cross License Agreement, IBM supported Intel's 64bit CPU's with hardware and software products, secured Intel's participation with IBM in key web standards development (UDDI, SOAP, XML), and IBM had product availability for every Intel CPU & platform launch.

Employment Experience Continued

Strategic Marketing Manager (1994-1998)

Responsible for defining Intel's product roadmap for Home PC systems. Key Results: Every major PC OEM having Home PC offerings, Sony's entrance to the PC business, industry adoption of key interfaces (PCI, AGP, USB), new instructions in the x86 CPU, and creating Intel's first market based product planning process.

Field Applications Engineer/Regional Architectural Specialist (1989-1994)

Responsible for Intel's Technical & Design Win Results with IBM's PC Division. Key Results: IBM first to announce a 486 based PC, exceeded annual Design Win goals by over 110% each year, held a 6-month stint in Yamato Japan, and became Intel's first PC Regional Architectural Specialist.

Technical Marketing Engineer (1988-1989)

Responsible for creating technical collateral for the i860 CPU. Key Results: published 3 App Notes on i860 programs, co-wrote the demo for the i860 product launch, and designed an PC add-in card to enable demo capability & software development.

Volunteer Experience

Miracle League of the Triangle (2018-Current)

Assistant Coach for the High School division.

Lufkin Road Middle School (2016-Current)

PTA Secretary & Cultural Arts Chair ('17-'18), Staff Appreciation Chair ('16-17), Acting President ('18). Achieved PTA Unit's first NC PTA Blue Key Award; increased Teacher & Staff Membership 5x.

Raleigh Charter High School (2015-Current)

Flex Day Driver, Buildings & Grounds Day worker, Choral rehearsal driver, and Fix It Crew member.

Carolina Youth Ballet (2016-2017)

Transportation volunteer team leader.

DreamSports (2011-2015)

In-line Hockey Coach for multiple 8U & 10U Rec teams and 10U Action Travel Team.

BSA Troop 316(2009-2013)

Assistant Scoutmaster, Troop Committee Secretary, Order of the Arrow Netami Chapter.

BSA Pack 224 (2003-2009)

4 Years as Den Leader, 1 Year as Pack Committee Chair, and 1 Year as Pinewood Derby Chair.

St. Mary Magdalene School (2005-2008)

Member of the Strategic Advisory Committee; Grounds crew member.