

General Information

Board/Commission and seat you are seeking:
Architects, Engineers, and Land Surveyors, Electrical Engineer

Additional Boards/Commissions of interest:
None

State Boards/Commissions on which you have served:
NONE

First Name
ELIZABETH

Middle Name
T

Last Name
JOHNSTON

Military Service
NONE

Conflict of Interest

Full disclosure of personal financial data under AS 39.50.010 is required for certain boards and commissions. Are you willing to provide this information if required for the board or commission which you are applying?

Yes

Service in a public office is a public trust. The Ethics Act (AS 39.52.110) prohibits substantial and material conflicts of interest. Is it possible that you or any member of your family will benefit financially by decisions to be made by the board or commission for which you are applying? If you answer 'yes' to this question you MUST explain the potential financial benefit.

Yes

Please explain the potential financial benefit

Yes|Both my husband Christopher Johnston and I are registered engineers. Our professions are governed by this board and it is possible that decisions made by the board could affect our employment. I know of no current conflict of interest, but the potential exists.

Employment History

Employment work history including paid, unpaid, or voluntary.

Design Alaska 2007-present

University of Alaska Fairbanks 2001-2002, 2006-2007, 2012

FBI summer 2006

IEEE summer 2005

USACE (US Army Corps of Engineers) 2002-2005

Cold Climate Housing Research Center Guest Lecturer 2016 - Residential Lighting

IEEE volunteer 2004-present, see attached resume for positions held and dates

Education, Training, Experience & Qualifications

List both formal and informal education and training experiences:

M.S. Engineering Management, 2015

B.A. Russian Studies with Math Minor, 2007

B.S. Electrical Engineering, 2006

List any professional licenses, certifications, or registrations and dates obtained that may be used as qualifying criteria:

Alaska - Electrical, AELEE-12945 May 2011-present

Alaska - Fire, AELF-14150 February 2014-present

List any community service, municipal government, and state positions held, and any awards received. See attachment for list of community service positions held.

Awards: 2015 Illuminating Engineering Society Award of Merit: In recognition of meritorious contribution to lighting design, professionalism, ingenuity, and originality. For the Project Carlson Center Nanook's Locker Room.

2013 Alaska Society of Professional Engineers Young Engineer of the Year

2011 IEEE Membership & Geographic Activities GOLD Achievement Award "For outstanding service as Program Chair of the 2011 GOLD Summit, providing an interactive and engaging experience for GOLD volunteers from around the world."

2009 IEEE Membership & Geographic Activities Achievement Award- "For outstanding accomplishment and contributions toward the implementation of the 2009 IEEEExtreme Programming Contest."

2009 IEEE Community Service Award - Alaska Section- "For outstanding contributions to the IEEE Alaska Section, exemplary leadership and support of IEEE student activities, and support of women in engineering"

Conviction Record

Have you ever been convicted of a misdemeanor within the past five years or a felony within the past ten years?

No

Conviction Circumstances

Certification of Accuracy & Completeness

By submitting this online application, I swear the information I have entered on this form is true to the best of my knowledge. I understand that if I deliberately conceal or enter false information on the form my application may be rejected, I may be removed from the list of eligible candidates, or I may be removed from the position. I agree that the Office of the Governor may contact present or former employees or other persons who know me to obtain an additional information about my skills and abilities. I understand that the information on this application is public information and may be released through a legal request for such information.

Type "I certify"

"I certify"

Resume Addendum:

See attached.

Press Release Wording

Elizabeth T.B. Johnston, 33 of Fairbanks, is Chief Electrical Engineer of Design Alaska, holds a masters of science in Engineering Management and bachelors of science in electrical engineering from the University of Alaska, Fairbanks.

Submitted: 10/10/2016 6:51:39 AM

Elizabeth T.B. Johnston



Education:

M.S. Engineering Management, 2015

B.A. Russian Studies with Math Minor, 2007

B.S. Electrical Engineering, 2006

Registration:

Current Registrations: Alaska - Electrical, AELE-12945

Alaska – Fire, AELF-14150

Inactive registrations: Texas 113765, North Dakota 8798

Elizabeth has a MS degree in Engineering Management and BS degree in Electrical Engineering from the University of Alaska Fairbanks. She is a licensed professional electrical and fire protection engineer and has lived and worked throughout Alaska on many projects. She has over 10 years of experience designing systems for commercial, educational, and institutional projects. Elizabeth is a member and volunteer with the Institute of Electrical and Electronics Engineers (IEEE), the world's largest technical professional society.

Elizabeth is experienced in working with a wide variety of clients including private owners, school districts, local governments, and military projects. She has designed many projects in remote areas of Alaska and is familiar with the challenges associated with construction in rural locations. Elizabeth has written numerous reports associated with condition assessments, energy savings, and project feasibility.

Summary of Work Experience:

Design Alaska

Position Held: Chief Electrical Engineer

Business: Architect-Engineer Design Consultants

Employed: 2013-present

Chief Electrical Engineer responsible for designing and subsequent signing and stamping many successful commercial, governmental, educational, institutional, medical and residential projects; encompassing significant new and remodel projects throughout rural and urban Alaska.

In charge of a team of registered professional electrical engineers and engineers-in-training. Projects typically include providing: initial consultations, design goals, contracts, electrical drawings, specifications, equipment selections, review of project submittals, inspections, commissioning and record drawings.

Our firm is a full-service Architectural, Engineering, and Survey firm with Registered Architects and licensed Professional Engineers in Structural, Civil, Mechanical, and Electrical Engineering. We enjoy

being part of a fully integrated design team, which allows us to use tools such as Revit BIM modeling to achieve coordination in 3D. We value our Northern climate and practice sustainable design to preserve it.

Design Alaska

Position Held: Electrical Engineer
Business: Architect-Engineer Design Consultants
Employed: 2007-2013

Design experience included: exterior and interior lighting, power, life safety, fire alarm, mass notification, paging and public address, grounding, telecommunications, LAN, CCTV, lightning protection, intrusion detection, and hazardous area design per NFPA 70.

Project assignments included maintenance facilities, telecommunication facilities, airports, schools, commercial building projects, civic and government building projects, rural projects and military facility projects ranging from small facility modifications to multi-million dollar new construction.

University of Alaska Fairbanks

Position Held: Adjunct Professor
Business: Education
Employed: 2012

Taught electrical drafting technology class using 3d modeling software Revit.

University of Alaska Fairbanks

Position Held: Facilities Engineer
Business: Design & Construction Administration
Employed: 2006-2007

Design and contract administration engineer ensuring contract compliance as a quality assurance representative of the University. Was designer for facilities modifications projects; attended pre-design meetings, design reviews, sessions with the users/clients; performed construction quality assurance and inspection work including field surveys, observations, site investigations, and data gathering.

Professional Affiliations:

BICSI (Building Industry Consulting Service International)
IEEE (Institute of Electrical and Electronics Engineers)
IESNA (Illuminating Engineering Society of North America)
ASPE (Alaska Society of Professional Engineers)
ASME (American Society of Mechanical Engineers)

Awards Received:

- 2015 Illuminating Engineering Society Award of Merit: In recognition of meritorious contribution to lighting design, professionalism, ingenuity, and originality. For the Project Carlson Center Nanook's Locker Room.
- 2013 Alaska Society of Professional Engineers Young Engineer of the Year

- 2011 IEEE Membership & Geographic Activities GOLD Achievement Award "For outstanding service as Program Chair of the 2011 GOLD Summit, providing an interactive and engaging experience for GOLD volunteers from around the world."
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- 2009 IEEE Community Service Award - Alaska Section- "For outstanding contributions to the IEEE Alaska Section, exemplary leadership and support of IEEE student activities, and support of women in engineering"

Volunteer Positions Summary:

IEEE Professional Society

Current Positions:

- Region 6 North West Area Chair - Responsible for planning area meetings for the region and providing training to section leaders throughout the Northwest USA, 2015-2016.
- Publications Services and Products Board (PSPB), Potentials Magazine Associate Editor, 2014-2017: IEEE Potentials Magazine is a publication dedicated to undergraduate and graduate students and young professionals. IEEE Potentials explores career strategies, the latest in research, and important technical developments. Through its articles, it also relates theories to practical applications, highlights technology's global impact, and generates international forums that foster the sharing of diverse ideas about the profession.

Previous positions:

- IEEE Nominations & Appointments Committee, 2013-2015
- Publications Services and Products Board (PSPB), Potentials Magazine Editor-in-Chief, 2011-2013
- IEEE History Committee, 2011-2013
- Region 6 History Coordinator, 2011-2012
- Membership & Geographic Activities Board (MGAB), Graduates of the Last Decade (GOLD) Representative to Student Activities Committee (SAC), 2010
- Fairbanks Subsection Chair 2009-2012
- Publications Services and Products Board (PSPB), Potentials Magazine Associate Editor, 2009-2010, Student Editor 2006-2008.
- MGAB, Nominations and Appointments (N&A) Committee, Member, 2009-2010
- Women in Engineering, Regional Coordinator, 2009
- MGAB, Student Activities Committee IEEEExtreme Programming Competition, General Chair, 2009, Member of Organizing Committee 2006 & 2008
- IEEE ETA KAPPA NU Transition Ad Hoc Committee, 2009
- Alaska Section Secretary, 2008.
- Regional Student Representative, 2005-2008.
- University of Alaska Fairbanks: Student Branch Chair, 2004-2005.

