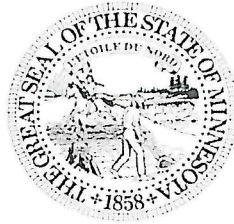


STATE OF MINNESOTA



RECEIVED

JAN 27 2017

President of the Senate

MARK DAYTON
GOVERNOR

NOTICE OF APPOINTMENT

Nicole Kessler

8262 Jonquil Lane North
Maple Grove, MN 55369
County of Hennepin
Congressional District 3

Because of the special trust and confidence I have in your integrity, judgment, and ability, I have appointed and commissioned you to have and to hold the office of:

CITIZEN MEMBER

**LEGISLATIVE-CITIZEN COMMISSION ON MINNESOTA
RESOURCES**

Effective: January 31, 2017

Term Expires: December 31, 2020

This appointment carries with it all rights, powers, duties, and emoluments granted by law and pertaining to this position until this appointment is superseded or annulled by me or other lawful authority or by any law of this State.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Minnesota to be affixed at the Capitol in the City of Saint Paul, January 27, 2017.



Mark Dayton

Governor

Steve Pinn

Secretary of State

Replacing: Bonnie Harper Lore

Breems, Nancy (OSS)

From: Abel, Tom (OSS)
Sent: Sunday, November 27, 2016 9:52 PM
To: Appointments, Open (OSS)
Subject: A New Application has been submitted!

RECEIVED

JAN 27 2017

Nancy! We have received a new application for Commissions and Appointments. **President of the Senate**

Agency Name::
Legislative-citizen Commission On Minnesota Resources

Position Sought::
Citizen member

First Name::
Nicole

Last Name::
Kessler

Street Address::
8262 Jonquil Ln N

City::
Maple Grove

State::
MN

Zip::
55369

Have you ever been convicted of a felony::
No

Phone::
612-710-3358

Email::
nkessler@mncee.org

County::
Hennepin

MN House of Representatives District::
34B

US House of Representatives District::
3

Did the Appointing Authority suggest that you submit an application?:
No

Cover Letter or other information helpful to the appointing authority::

Nicole Kessler
8262 Jonquil Ln N
Maple Grove, MN 55369
612-710-3358

Governor Mark Dayton
116 Veterans Service Building
20 W 12th Street
St. Paul, MN 55155

November 28, 2016

Dear Governor Dayton,

I am writing to express my interest in the Citizen Member opening of the Legislative-Citizen Commission on Minnesota Resources (LCCMR). My experience as a STEM professional, education in science and environmental policy, and my desire to ensure sustainable use of Minnesota's natural resources directly qualify me for this position.

I am a program manager at the Center for Energy and Environment (CEE). At CEE, we are a team that seeks to reduce Minnesota's energy consumption in ways that are both beneficial for communities and helpful to our environment. I do this both through the program I manage, Energy Intelligence, and also through research projects that focus on identifying strategies to guide program and policy design. My desire to become actively engaged in this field came from my experience as environmental systems flight controller for NASA's International Space Station (ISS) program, and the journey that followed in graduate school. As an ISS flight controller, I spent my time continuously evaluating resources to keep astronauts alive in space. While spending hours verifying air quality and running calculations to make sure resource levels could be sustained through the next resupply mission, I also had the privilege of viewing video of the Earth from space. These views were a constant reminder that the Earth is really a large space station, with resources that will dwindle and make it difficult for us to survive should they be mismanaged. This realization was one of several that led me to study science, technology and environmental policy at the Humphrey School of Public Affairs.

In addition to comprehensive coursework, including classes focused on energy and environmental policy, policy analysis, economics and financial management, experiences outside of the classroom further developed my knowledge of and desire to focus on maintaining and enhancing our environment. As a research assistant, I traveled to India where I met a local activist in Delhi who was trying to bring attention to the dire state of the water in the Yamuna River. And while a fellow with the Japan Foundation, I had the privilege to discuss climate issues with officials at Japan's Ministry of Foreign Affairs. My experiences have taught me that while action on the international and federal level is important, action is necessary at the state and local level. I want to take a more active role in protecting the state that I love and continuing to make Minnesota an example for other states to follow. I can assure you that as a member of the LCCMR, I would take great care to recommend data driven projects that will support the mission of the Environment and Natural Resources Trust Fund. Please do not hesitate to contact me with any questions or concerns. Thank you for your consideration.

Sincerely,
Nicole Kessler

Resume or other information helpful to the appointing authority::

Nicole A. Kessler
8262 Jonquil Ln N (612) 710-3358
Maple Grove, MN 55369 nkessler@mncee.org

EDUCATION & CERTIFICATIONS

M.S. Science, Technology and Environmental Policy University of Minnesota, March 2015
B.A. Applied Physics, Mathematics Minor College of Saint Benedict, May 2008
Energy Manager In Training (EMIT), Association of Energy Engineers, May 2016

PROFESSIONAL EXPERIENCE

Center for Energy and Environment, Minneapolis, MN (April 2015 – present)

Program Manager (October 2016 – Present)

- Manages the Energy Intelligence program. Energy Intelligence is a program for small industrial customers that uses interval data to help them understand when and how they use energy, and to use this feedback to implement low and no cost measures to save energy. Responsibilities include managing program budget, delegating assignments to the program team and quality control of work performed by program team. Performs facility assessments, analyzes interval electric data, develops and presents reports to customers. Assists facility managers in implementing savings strategies.

- Continues to contribute to research projects in an analysis capacity.

Research Analyst (April 2015 – October 2016)

- Responsibilities included data analysis using Excel, Tableau and R; technical writing including field procedures, customer reports and conference papers; communicating regularly with study participants, utilities, contractors and project team.

- Selected projects:

- o Commercial Building Plug Load Energy Reduction Strategies – Field team lead. Coordinated all field visits and led team through equipment installation, removal and data retrieval. Kept field work on time and on budget.

- o Cold Climate Air Source Heat Pump Field Assessment – Coordinated heat pump installations, performed data analysis related to heat pump performance and economic analysis to inform utility rebate programs. Presented on research at ACEEE Summer Study on Energy Efficiency in Buildings in August 2016 and Duluth Energy Design Conference in February 2016.

Research Assistant, Center for Science, Technology, and Public Policy, Minneapolis, MN (June 2013 – January 2015)

- NSF funded Sustainable Cities and Sustainable Infrastructure research project: Traveled to India for six weeks for sustainable cities course work and data collection for material and energy foot-printing. Included collaborative group work with Indian students from several universities and meetings with local Indian government officials from various cities. Researched infrastructure health risks, which included a mortality data analysis for an Indian city. Presented on summer experience in India at the GPS Alliance Internationalizing the Curriculum and Campus conference in April 2014.

- Sustainable Industrial Energy in Food Processing Systems research project: Researched industrial system demand flexibility for the potential to align demand with negative locational marginal prices. Included interviews with different stakeholders, including utility representatives and industrial customers.

- Additional responsibilities included paper editing and assisting with writing grant proposals.

Summer Intern, Midcontinent Independent System Operator (MISO), Eagan, MN (Summer 2014)

- Built IMPLAN (economic impact planning software) models and performed impact analysis for over \$7.4 billion of transmission projects in the MISO footprint.

- Wrote the 2015 Budget Review report for the Transmission Asset Management department (\$13 million budget). Report was used by the Finance department to justify the department costs to the Board of Directors.

Fellow, Japan Travel Program for U.S. Future Leaders, The Japan Foundation | Center for Global Partnership

(August 2014)

- Visited with officials from the Ministry of Foreign Affairs and the Japan International Cooperation Agency to discuss climate issues and current projects.

- Interviewed Japan Aerospace Exploration Agency (JAXA) officials in the Satellite Applications

Mission Directorate to learn about JAXA's earth observing satellite missions.

- Attended talks on energy and nuclear policy in Japan and talks on East Asia security policy. Visited Onagawa Town and learned about the recovery of the town from the 2011 tsunami.

Math Enrichment Tutor, AmeriCorps – Minnesota Math Corps, Burnsville, MN (August 2012 – June 2013)

- Taught math using Math Elevation curriculum to 24 4th -6th graders who were performing below grade level.
- Saw improvement in Minnesota Comprehensive Assessment scores for over 50% of students; one student received her highest grade ever in mathematics.
- Presented to a Minneapolis after-school group, GEMS (Girls in Engineering, Math and Science), on working at NASA and how astronauts live on the International Space Station.

International Space Station (ISS) Flight Controller (Engineering Staff II), United Space Alliance, NASA Johnson Space Center, Houston, Texas (June 2008 – July 2012)

- Managed ISS environmental, life support and thermal control systems. Maintained detailed records of equipment operation to ensure compliance with health and safety focused flight regulations.
- Coordinated with a multi-discipline, global team comprised of engineers, flight controllers, flight directors and program management personnel. Communicated daily with flight controllers in Russia, Japan and Europe.
- Collaborated with the Japanese flight control team to monitor and command Japanese environmental systems while the JAXA flight control room was under repairs from the March 2011 earthquake and tsunami.
- Trained to lead the flight control team and crew through emergency response procedures. Emergency training included response to fires, toxic spills and rapid depressurization of cabin atmosphere.
- Made technical assessments from myriad data points in a challenging, time-limited environment. Quickly responded to hardware failures to minimize the risk of equipment damage and crew injury. Continuously interpreted and analyzed months of telemetry trend data.
- Planned station activities, reviewed timeline to insure accuracy for execution.
- Developed and assessed operational procedures, including procedures for failure response. Wrote quick-reference documents for technical systems. Tested and verified software updates and updates to operational displays.
- Trained new and cross-training employees. Training duties included mentor sessions, extensive evaluation write-ups, and teaching classes on system hardware and software.
- Supported new hardware integration for oxygen and nitrogen systems from an operations perspective. Required collaboration with NASA engineers.
- Employee of the Month, Environmental Systems Branch, September 2010. Award was received for taking initiative to coordinate the merging of technical system manuals for a smooth transition during the department reorganization. Management nominated award.
- 'Extra Mile' Award, fall 2011. Award was received for going beyond required job duties to mentor new flight controllers. Peer nominated award.
- Logged over 1,000 console hours.

Gender::

Female

Age::

30

Hispanic, Latino, or Spanish Origin?:

No

Race::

White or Caucasian

If you answered Other Race, please specify.:

Disability::

No

Party::

If you answered "Other" for Political Party, please state name of Political Party or Political Affiliation::

Applicant Name:

Nicole Kessler

Date:

11/27/2016 12:00:00 AM

Enter 3 numbers followed by 3 letters:

896YUC