

[External] Application for City Council Member – Ward 2 [#26]

From Wufoo <no-reply@wufoo.com>
Date Wed 1/8/2025 4:14 PM
To City Clerk <City_Clerk@longmontcolorado.gov>

Name *	Kevin Schaefer
Address *	<input type="checkbox"/> 3962 Hawthorne Circle longmont, CO 80503 United States
Email *	kevin.schaefer@colorado.edu
Daytime Phone *	(970) 214-3023
Evening Phone *	(970) 214-3023
How long have you been a resident in Longmont? *	19 years
Current occupation: *	Research Scientist
Why are you interested in serving as a City Council Member? *	I wish to serve Longmont and the people who live here. I raised my family here and now it is time for me to give back the community.

Briefly explain what you believe are the two most important issues facing City Council and how do you believe those issues should be addressed? *

1) Rapid Growth. I fear the current rapid growth in Ward 2 will outstrip supporting infrastructure and create conditions inconsistent with the desires of Longmont residents. For example, several newly constructed apartment complexes and hundreds of new houses in Ward 2 will greatly increase local traffic. Have we planned to repair or expand the road network to accommodate the heavier traffic? The population has already expanded beyond the capacity of the local schools, with many classes in trailers. Do we have a plan to expand the schools to accommodate the new arrivals? Water, power, fiber optics, waste treatment, and other infrastructure all need long-term plans to grow with the city.

2) The Commuter Conundrum. Many people live here in Longmont, but work in Denver or Boulder. Communities all around Longmont have the same problems. This will not change for the near future, so we need to work with surrounding communities to improve regional traffic flows. We need to form partnerships and joint agreements with Niwot, Gunbarrel, Boulder, and the state of Colorado to improve traffic flow and intercity bus and commuter services.

Letter of Interest *	<input type="checkbox"/> lett_interest.docx 28.30 KB · DOCX
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Resume (Optional)	<input type="checkbox"/> cv_schaefer_no_papers.docx 21.26 KB · DOCX
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Signature *

Kevin Schaefer

Date *

Wednesday, January 8, 2025

Kevin Schaefer
3962 Hawthorne Cir
Longmont, co, 80503
970-214-3023
January 7, 2025

Subject: Application for Open City Council Seat

Dear Sir,

I wish to serve Longmont and the people who live here. I raised my family here and made many friends. Now I want to give back to the community by serving as Ward 2 representative to the Longmont City Council.

Serving on the Council is all about relationships. We need to build strong relationships to get things done. I have a collaborative working style built on the idea that moving forward requires the cooperation of many people.

I have a creative mind to form solutions to tough problems. As an engineer and scientist, I routinely have to create new solutions to old problems. The top manager of the Space Station routinely gave me the most difficult technical problems to solve. I feel proud to say that the Space Station has certain capabilities because I personally put them there. While serving on the United States Permafrost Association Board of Directors, the president asked me to reorganize the committee structure to eliminate a toxic working environment. As one might expect, the solutions involve people more than technology.

I have practical management experience from small to massive scales. I routinely manage small teams of 1-5 people on federally funded science projects. I have managed larger teams of about 100 volunteers from multiple universities on collaborative research projects. While working on the Space Station at NASA, I managed \$800M in hardware development with 10,000 people across multiple contractors. I managed contracts, budgets, and schedules, all skills useful for a Longmont Councilman.

I honed my collaboration skills while working for the White House. NASA loaned me to the White House in 1996 to support the Council of Environmental Quality. We formed a multi-agency group to develop indicators of sustainable development. I worked with just about every federal department and agency, such as the Departments of Justice, Commerce, HUD, Education, Agriculture, and Defense. I learned to see and respect the other person's viewpoint. I learned how to move people from vastly different backgrounds towards agreement, a skill that I can apply to the Longmont Council.

Half the effort of making progress is showing up. I am showing up now.



Kevin Schaefer

Kevin Schaefer Curriculum Vitae

National Snow and Ice Data Center (NSIDC)
University of Colorado, Boulder, CO
Phone: 970-214-3023 Email: kevin.schaefer@colorado.edu

Education and Training

Colorado State University	Atmospheric Science	Ph.D. (2004)
Colorado State University	Atmospheric Science	M.S. (1999)
University of Illinois	Aerospace Engineering	B.S. (1984)

Appointments

2018-pres: Weather Stream Inc., *Senior Scientist*
2006-pres: University of Colorado, National Snow and Ice Data Ctr., *Senior Scientist*
2004-2006: NOAA Earth Systems Research Lab, *NAS Postdoctoral Fellow*
1999-2004: Colorado State University, Dept. of Atmospheric Science, *Ph.D. Candidate*
1997-1999: Colorado State University, Dept. of Atmospheric Science, *Masters Candidate*
1995-1996: White House, Council of Environmental Quality, *Fellow*
1994-1995: NASA, Earth Sciences, *Program Manager*
1988-1993: NASA Space Station Freedom Program Office, *Program Manager*
1984-1988: NASA Space Shuttle Program, Johnson Space Center, *Flight Dynamics*

Publications: 100 peer-reviewed scientific publications

Data Products: 16 scientific data sets

Grants: 23 funded research grants

Professional Service

2019-pres: Board of Directors, United States Permafrost Association
2016-2021: User Working Group, Oak Ridge National Laboratory, Distributed Active Archive Center
2013-2021: North American Carbon Program, Science Leadership Group
2017-2019: NASA proposal review panels
2013-2016: Global Terrestrial Network: Permafrost working group
2013: NRC Workshop: Opportunities to Use Remote Sensing in Understanding Permafrost and Related Ecological Characteristics
2012: Planning Workshop Arctic Boreal Vulnerability Experiment (ABOVE)
2011: Session Chair, AGU: Vulnerability of Permafrost Carbon to Climate Change
2011: Proposal Review Panel: NASA Earth and Space Science Fellowship Program
2011: NASA Science Team review Panel, Airborne Microwave Observatory of Subcanopy and Subsurface (AirMOSS)
2010-pres: Permafrost Carbon research Coordination Network

Kevin Schaefer Curriculum Vitae

2010: Session Chair, AGU: North American Carbon Program Synthesis Results and Similar Model-Data Comparisons
2010: NASA Proposal Review Panel, Venture Program
2009: Session Chair, AGU: North American Carbon Program Interim Synthesis Results and Similar Model-Data Comparisons
2007-2016: Project Manager, North American Carbon Program Site Synthesis
2000-2004: Student representative to Atmospheric Science Department faculty
1998-pres: Member, American Geophysical Union
1997-pres: Member, American Association for the Advancement of Science
1987-1993: NASA Space Station Science Advisory Subcommittee
Review 4-5 manuscript submissions per year for multiple journals
Review 1-2 proposals per year for NASA, NSF, and European agencies

Teaching Experience

2015, 2016: *Remote sensing of the Environment*, University of Colorado
2002: *Atmospheric Radiation*, Colorado State University
2000: *Meteorology*, Colorado State University
1984-88: *Orbital Mechanics, Launch Window Analysis*, NASA JSC
1980-81: Algebra, trigonometry, and calculus, DePaul U. and U. of Illinois

Awards

2018: Editor's Citation for Excellence in Refereeing, JGR-Biogeosciences
1996: Smithsonian Computer World Award for Internet search engine for NASA
1995: Performance Award for summarizing NOAA data management capabilities
1995: Performance Award for developing multi-agency global change data system
1994: Performance Award for EOSDIS demonstration to Vice President Al Gore
1993: Performance Award for technical editor of Space Station redesign final report
1993: Group Achievement Award for Space Station redesign
1991: Performance Award for placing external experiment ports on the Space Station