Office of the Mayor
Gavin Buckley, Mayor
160 Duke of Gloucester Street
Annapolis, MD 21401-2517

Chartered 1708

June 19, 2019

To: Alderpersons, City of Annapolis

From: Mayor Gavin Buckley

Re: Commission on Aging

Pending your approval, I would like to appoint Ms. Mary Cleave to the Commission on Aging. Ms. Cleave is a resident of Ward Seven this appointment fills a vacancy on the Commission. Her resume is attached.

Mary Cleave
7101 Bay Front Drive Apt 118
Annapolis, MD 21403

Thank You.

GB/hrr

Reviewed by: Housing and Human Welfare Committee

___ Favorable ___ Unfavorable

_____ _____
Committee Chair Date

City of Annapolis
Office of the Mayor
160 Duke of Gloucester Street
Annapolis, MD 21401-2517

Mayor@annapolis.gov • 410-263-7997 • Fax 410-216-9284 • TDD use MD Relay or 711 • www.annapolis.gov

Boards and Commissions Application

Personal information

Name Mary Cleave

Address 7101 Bay Front Drive Apt 118

City Annapolis ST MD Zip 21403

Phones Home 410-224-0678 Other cell 443-254-05739 (no text capability)

E-mail mcleave@verizon.net

Statement of interest – Why should you be appointed to this board/commission?

Living at BayWoods of Annapolis, a Continuing Care Retirement Community (CCRC) in the City of Annapolis has increased my interest in senior citizens issues in the City. As a member of the leading edge of the Baby Boomer generation, we are about to swamp the system with our issues related to aging, if we are not planned for adequately. Serving on the Commission on Aging will provide an opportunity to work on these challenges constructively.

Are you a resident of the City of Annapolis? ✔ Yes ___ No

Are you an employee of the City of Annapolis? ___ Yes ✔ No
If yes, please state your job title, department & duties.

Do you do business with the City of Annapolis? ___ Yes ✔ No
If yes, please detail.

Are you currently serving on any city boards or commissions? ___ Yes ✔ No
If yes, please list board(s).

Work experience (titles and duties)

1979-1980 Research Engineer, Utah Water Research Lab, Utah State University, Logan UT
1980-1991 Astronaut, Johnson Space Center, Houston, TX
1991-1998 Project Manager, Goddard Space Flight Center, Greenbelt, MD
1998-1999 Earth Science Advisor, Office of the Chief Scientist, NASA HQ, Washington DC
1999-2003 Deputy Associate Administrator for Earth Science Strategic Planning, NASA HQ, Washington DC
2003-2004 Director for the Sun Earth Systems Division, NASA HQ, Washington DC
2004-2007 Associate Administrator for Science, NASA HQ, Washington, DC
2007-present Service on both for profit and not for profit boards including the BayWoods Resident's Association Board and the BayWoods Cooperative Housing Corporation Board.

Educational background (certificates, diplomas, degrees, seminars, etc)

BS Biological Sciences, Colorado State University, 1969
MS Microbial Ecology, Utah State University, 1975
Ph.D. Civil Environmental Engineering, 1979
Professional Engineer State of TX 1982-1990, State of MD 1991-2004 (currently on retired status)

Other experience (volunteer experience, memberships etc)

Member- American Academy of Arts & Sciences
Tau Beta Pi
Sigma Xi
League of Women Voters Anne Arundel County (board member 2015-2019)
Annapolis Maritime Museum
Annapolis Rowing Club
Anne Arundel County Bird Club

References

Name Chuck Trefrey Phone 410-626-6173

Address BayWoods of Annapolis

Name Guy Shaffer Phone 410-269-6609

Address BayWoods of Annapolis

Name Janet Farnham Phone 443-775-5454

Address BayWoods of Annapolis

Appointees are subject to the provisions of the City of Annapolis Ethics Code, Annapolis City Code Chapter 2.08. Appointees are strongly encouraged to review this Code and contact the City of Annapolis Office of Law and/or City of Annapolis Ethics Commission with all inquiries.

Signature Mary L Cleave Date 7 June 2019

E-mail electronically completed form to boards@annapolis.gov. Paper copies may be faxed to 410-216-8284 or mailed to the Mayor's Office address above, attention Boards and Commissions Coordinator.

Biographical Data

Lyndon B. Johnson Space Center
Houston, Texas 77058

National Aeronautics and Space Administration

MARY L. CLEAVE (PH.D., P.E.)
NASA ASTRONAUT (FORMER)

PERSONAL DATA: Born February 5, 1947, in Southampton, New York. Her father, Dr. Howard E. Cleave, resides in Williamstown, Massachusetts. Her mother is deceased.

EDUCATION: Graduated from Great Neck North High School, Great Neck, New York, in 1965; received a bachelor of science degree in Biological Sciences from Colorado State University in 1969 and master of science in Microbial Ecology and a doctorate in Civil and Environmental Engineering from Utah State University in 1975 and 1979, respectively.

ORGANIZATIONS: Member of the Society for Professional Engineers, the Association of Space Explorers, Women in Aerospace, Tri-Beta, Sigma XI, and Tau Beta Pi.

EXPERIENCE: Dr. Cleave held graduate research, research phycologist, and research engineer assignments in the Ecology Center and the Utah Water Research Laboratory at Utah State University from September 1971 to June 1980. Her work included research on the productivity of the algal component of cold desert soil crusts in the Great Basin Desert south of Snowville, Utah; algal removal with intermittent sand filtration and prediction of minimum river flow necessary to maintain certain game fish; the effects of increased salinity and oil shale leachates on freshwater phytoplankton productivity; development of the Surface Impoundment Assessment document and computer program (FORTRAN) for current and future processing of data from surface impoundments in Utah; and design and implementation of an algal bioassay center and a workshop for bioassay techniques for the Intermountain West.

NASA EXPERIENCE: Dr. Cleave was selected as an astronaut in May 1980. Her technical assignments have included: flight software verification in the Shuttle Avionics Integration Laboratory (SAIL); CAPCOM on five Space Shuttle flights; Malfunctions Procedures Book; Crew Equipment Design. A veteran of two space flights, Dr. Cleave has logged a total of 10 days, 22 hours, 02 minutes, 24 seconds in space, orbited the earth 172 times and traveled 3.94 million miles. She was a mission specialist on STS 61-B (November 26 to December 3, 1985) and STS-30 (May 4-8, 1989). Dr. Cleave left JSC in May 1991 to join NASA's Goddard Space Flight Center in Greenbelt, Maryland. She worked in the Laboratory for Hydrospheric Processes as the Project Manager for SeaWiFS (Sea-viewing, Wide-Field-of-view-Sensor), an ocean color sensor which is monitoring vegetation globally. Dr. Cleave next served as Deputy Associate Administrator (Advanced Planning), Office of Earth Science, NASA Headquarters, Washington, D.C. Dr. Cleave retired from NASA in February 2007.

SPACE FLIGHT EXPERIENCE: STS-61B Atlantis (Nov. 26 to Dec. 3, 1985) launched at night from the Kennedy Space Center, Florida, and returned to land on Runway 22 at Edwards Air Force Base, California. During the mission, the crew deployed the MORELOS-B, AUSSAT II, and SATCOM K-2 communications satellites, conducted 2 six-hour spacewalks to demonstrate space station construction techniques with the EASE/ACCESS experiments, operated the Continuous Flow Electrophoresis (CFES) experiment for McDonnell Douglas and a Getaway Special (GAS) container for Telesat, Canada, conducted several Mexican Payload Specialist Experiments for the Mexican Government, and tested the Orbiter Experiments Digital Autopilot (OEX DAP). This was the heaviest payload weight carried to orbit by the Space Shuttle to date. Mission duration was 165 hours, 4 minutes, 49 seconds.

STS-30 Atlantis (May 4-8, 1989) was a four day mission during which the crew successfully deployed the Magellan Venus-exploration spacecraft, the first U.S. planetary science mission launched since 1978, and the first planetary probe to be deployed from the Shuttle. Magellan arrived at Venus in August 1990 and mapped over 95% of the surface of Venus. Magellan has been one of NASA's most successful scientific missions providing valuable information about the Venetian atmosphere and magnetic field. In addition, the crew also worked on secondary payloads involving Indium crystal growth, electrical storm, and earth observation studies. Mission duration was 96 hours, 57 minutes, 35 seconds.

FEBRUARY 2007