



# Contra Costa County



Print Form

Please return completed applications to:  
Clerk of the Board of Supervisors  
651 Pine St., Room 106  
Martinez, CA 94553  
or email to: ClerkofTheBoard@cob.cccounty.us

## BOARDS, COMMITTEES, AND COMMISSIONS APPLICATION

First Name

James R (Randy)

Last Name

Monroe

Home Address - Street

City

Concord

Zip Code

94521

Phone (best number to reach you)

Email

Resident of Supervisorial District:

Contra Costa

### EDUCATION

Check appropriate box if you possess one of the following:

High School Diploma

CA High School Proficiency Certificate

G.E.D. Certificate

Colleges or Universities Attended

Course of Study/Major

Degree Awarded

University of Arizona	Wildlife Biology	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
California State University East Bay	Liberal Studies	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
California State University East Bay	Masters of Education:Science	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Other Training Completed:

CCTC:Multiple & Single Subject Teaching Credentials, Science Authorization

Board, Committee or Commission Name

Contra Costa County Fish and Wildlife Committee

Seat Name

At-Large Member

Have you ever attended a meeting of the advisory board for which you are applying?

No

Yes

If yes, how many?

Please explain why you would like to serve on this particular board, committee, or commission.

My name is Randy Monroe. The natural environment is very important to me. I am passionate about conservation, sustainable practices and ecosystems restoration for both people and the health of the environment. The natural sciences are my lifelong mission.

I would very much appreciate consideration to serve on OUR local county Fish & Wildlife Committee to allow my experience, understanding and voice on the funding of important issues involving sustainability, conservation, habitat restoration.

Describe your qualifications for this appointment. (NOTE: you may also include a copy of your resume with this application)

Please see attached.

I am including my resume with this application:

Please check one:

Yes

No

I would like to be considered for appointment to other advisory bodies for which I may be qualified.

Please check one:

Yes

No

Are you currently or have you ever been appointed to a Contra Costa County advisory board?

Please check one:  Yes  No

List any volunteer and community experience, including any boards on which you have served.

Do you have a familial relationship with a member of the Board of Supervisors? (Please refer to the relationships listed below or Resolution no. 2011/55)

Please check one:  Yes  No

If Yes, please identify the nature of the relationship:

Do you have any financial relationships with the county, such as grants, contracts, or other economic relationships?

Please check one:  Yes  No

If Yes, please identify the nature of the relationship:

I CERTIFY that the statements made by me in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge and understand that all information in this application is publicly accessible. I understand and agree that misstatements and/or omissions of material fact may cause forfeiture of my rights to serve on a board, committee, or commission in Contra Costa County.

Signed: James R (Randy) Monroe

Date: 8/14/2020

Submit this application to: Clerk of the Board of Supervisors  
651 Pine St., Room 106  
Martinez, CA 94553

Questions about this application? Contact the Clerk of the Board at (925) 335-1900 or by email at ClerkofTheBoard@cob.cccounty.us

**Important Information**

1. This application and any attachments you provide to it is a public document and is subject to the California Public Records Act (CA Government Code §6250-6270).
2. All members of appointed bodies are required to take the advisory body training provided by Contra Costa County.
3. Members of certain boards, commissions, and committees may be required to: 1) file a Statement of Economic Interest Form also known as a Form 700, and 2) complete the State Ethics Training Course as required by AB 1234.
4. Meetings may be held in various locations and some locations may not be accessible by public transportation.
5. Meeting dates and times are subject to change and may occur up to two (2) days per month.
6. Some boards, committees, or commissions may assign members to subcommittees or work groups which may require an additional commitment of time.
7. As indicated in Board Resolution 2011/55, a person will not be eligible for appointment if he/she is related to a Board of Supervisors member in any of the following relationships: mother, father, son, daughter, brother, sister, grandmother, grandfather, grandson, granddaughter, great-grandfather, great-grandmother, aunt, uncle, nephew, niece, great-grandson, great-granddaughter, first-cousin, husband, wife, father-in-law, mother-in-law, daughter-in-law, stepson, stepdaughter, sister-in-law, brother-in-law, spouse's grandmother, spouse's grandfather, spouse's granddaughter, and spouses' grandson, registered domestic partner, relatives of a registered domestic partner as listed above.
8. A person will not be eligible to serve if the person shares a financial interest as defined in Government Code §87103 with a Board of Supervisors Member.

My name is Randy Monroe. The natural environment is very important to me. I am passionate about conservation, sustainable practices and ecosystems restoration for both people and the health of the environment. The "natural sciences" are my lifelong mission.

I am a California State University East Bay alumni with a Multiple Subject Teaching Credential, a Science Authorization, an Earth and Planetary Science Single Subject Teaching Credential and a Master of Science. I began my studies in Wildlife Biology at the University of Arizona in 1982; one of only two colleges in the US to offer the program at the time. Though I didn't complete it as life took a turn, it has always stayed with me similar to my experience in Boy Scouts hiking many areas of the Appalachian & Rocky Mountains; including the Grand Tetons, Yellowstone, New Mexico & Arizona as a youth.

This is my 21st year teaching science in the Mt. Diablo Unified School District. I spent 5 years at Title-One site Glenbrook Middle teaching all levels, languages and abilities (mainstream & Structured English Immersion and in Gifted and Talented Education as the GATE Coordinator) in Earth, Life, Physical sciences. I was also a district facilitator in the former "Talents to Go" GATE Summer School Program through my early tenure at Foothill Middle School; a National Blue Ribbon & California Distinguished public middle school in Walnut Creek. This is my 15th year at FMS and I teach 6th & 7th grade levels of middle school. Throughout my tenure, I have specialized in numerous standards-based science field study trips that give students the opportunity to explore science in natural settings with annual visits to the Monterey Bay Aquarium & Marine Mammal Whale Watching and a 3-day/2-night trip to Lassen Volcanic National Park and surrounding area.

I have worked with Chris Miller from Contra Costa County Vector Control and Mosquito Abatement for 20 years rearing and raising many species of threatened native fish in my classroom. Through California Fish & Wildlife, I have housed a number of native ectotherms or cold-blooded animals in my home classroom; approximately 20 "class" local species representatives - reptiles (Western Pond turtles, Gopher, King & Garter snakes & Alligator & Western Fence lizards), amphibians (Pacific Tree frogs, California toads & California Slender salamanders), tarantula & wolf spiders (arthropods), crustaceans (Crayfish) mollusks (clams & snails), fish (Sacramento Perch, Tule Perch, Flounder, Split-tail, Sacramento Sucker, 3-Spine Stickleback, Blackfish, California Roach, & Rainbow Trout). I also have many specimens of macro and benthic invertebrates. Unfortunately, everything changed in March 2020 and many now have new homes. And notably, I was the only teacher to serve on the board for California Fish & Wildlife's "Trout in the Classroom". I have also worked with CF&W to mitigate permitting issues for educators between the great many departments within the bureaucracy: including law enforcement, science divisions and regulatory law.

I am an Education Fellow on the NASA & Johns Hopkins Applied Physics Lab: New Horizons mission to Pluto. My father Jim Christy discovered Pluto's binary companion Charon in 1978; naming it after my mother Charlene. 2018 marked the 40th Anniversary of the discovery where I filmed this short for NASA as the the last film crew at Kilauea before its most recent eruption - <https://www.youtube.com/watch?v=OkAWfomqC7E> I was at the launch in 2006, the "Close Approach" to the Pluto/Charon System in 2015 and recently for Kuiper Belt Object (KBO) 2014MU69; aka Arrokoth in 2019. I am friendly with the entire scientific and engineering team including Principal Investigator Dr. Alan Stern. More on the New Horizons mission can be found at: <http://pluto.jhuapl.edu/index.php>

I have worked through Silicon Valley's Industrial Initiatives for Science and Math Educators (IISME) now referred to as "Ignite" at Lockheed Martin Space Company in Sunnyvale in the area of missile

defense; particularly infrared (IR) technologies, which I embed in the classroom curricula when we study climate and green-house gases.

I was also adjunct faculty with the Department of Energy's Joint Genome Institute (DOE JGI) in the Microbial Ecology Department studying extremophiles (extreme- living bacteria). I participated in cutting-edge genomic research and was sent to Yellowstone on a sampling mission to find these novel bacteria; also found at hydrothermal vents deep in the oceans discovered by famed oceanographer and explorer and another acquaintance Dr. Robert Ballard. I have developed curricula in the areas of astro-biology and cryo-volcanism, particularly for the icy bodies of Jupiter's moon Europa, Saturn's moon Enceladus and the amazing Pluto/Charon system; as I am friendly with Europa Clipper Mission Principal Investigator Dr. Robert Pappalardo

While in Yellowstone through the DOE JGI, I met and began collaborations with Dr. Douglas Smith and Rick McIntyre lead biologists for the 1995 Wolf Reintroduction; which I followed before its inception. The study of "Keystone Species" and "Trophic Cascades" has been amazing in deepening our understanding of the intricacies of the "Web of Life". Yellowstone is my Disneyland and I have had the good fortune of witnessing nature "up close and person" including gray wolves within only a few feet. I have also spent time in Costa Rica and seen a great many of the flora & fauna that it offers. I also spent the 1990s doing a lot of scuba diving. I collaborate with a variety of leading environmental organizations and institutions as an advocate to provide stronger protections for flora & fauna and ecosystems.

I was an Educator for the NASA & Lawrence Berkeley Space Sciences Lab: MAVEN mission - the Mars Atmosphere Volatile Evolution- which launched in November 2013.  
[http://www.nasa.gov/mission\\_pages/maven/main/index.html#UhvaH9LihAJ](http://www.nasa.gov/mission_pages/maven/main/index.html#UhvaH9LihAJ)

In 2016, I served on the Editing Team for the California Commission on Teacher Credentialing for their Credentialing Subject Examination Test (CSET) for prospective Earth & Planetary Science Teachers and I was also on the MDUSD's NGSS Middle School Leadership Team. That's in-part how I came to be a team member for the newly adopted Earth & Planetary Sciences CSET for prospective science teachers in California that is overseen by the California Commission on Teacher Credentialing and Pearson.

I am a member of the American Geophysics Union (AGU), American Association for the Advancement of Science (AAAS), Northern California Geologic Society (NCGS), National Earth Science Teachers Association (NESTA), Northern California Geologic Society, (NCGS), National Science Teachers Association (NSTA), and California Science Teachers Association (CSTA), Sierra Club, Nature Conservancy, and a great many leading environmental organizations.

I would very much appreciate consideration to serve on OUR local county Fish & Wildlife Committee to allow my experience, understanding and voice on the funding of important issues involving sustainability, conservation, habitat restoration.

Thank you.

Sincerely,

James R (Randy) Monroe MS

## **James R. (Randy) Monroe**

**Objective:** To hold a position that will offer challenges and responsibilities emphasizing personal and professional growth within both the scientific and academic communities; synthesizing scientific practice & technology with "real-world" application in the education of the public.

### **Key Qualifications:**

- Well organized, charismatic and passionately motivated with both adults and children
- Exceptional problem solving ability
- An ability to effectively communicate with individuals on all levels including American Sign Language and Spanish
- Director and facilitator of numerous standards-based scientific field/study trips, grants and fund-raising events

### **Certifications:**

- Professional Clear Multiple Subject Teaching Credential with a Science Authorization
- Single Subject Teaching Credential: Earth and Planetary Sciences
- Master of Science Education

2010 California State University East Bay Concord, CA – Masters of Science Education in Technology Leadership

2009 California State University East Bay Concord, CA – Single Subject Earth & Planetary Science

2004 California State University East Bay Concord, CA – Professional Clear Multiple Subject Teaching Credential with a Science Authorization in General Science

2002 – 2004 Diablo Valley College Pleasant Hill, CA - Lower Division Science coursework for curricular alignment to Earth, Life & Physical Sciences in secondary science education.

2000 California State University East Bay Concord, CA – Preliminary Multiple Subject Teaching Credential

1998 California State University East Bay Hayward, CA – Bachelor of Arts: Liberal Studies/Psychology

1993- 1995 Diablo Valley College Pleasant Hill, CA – Liberal Studies

1984-1986 Pima Community College Tucson, AZ – Business Administration

1982-1984 University of Arizona Tucson, AZ – Wildlife Biology

### **Relevant Teaching & Educational Experiences:**

6/15 – 6/16 Pearson & California Commission on Teacher Credentialing Subject Examination Test (CSET) for Earth & Planetary Science Teachers; both editing teams

6/13 – 6/18 Lawrence Berkeley National Laboratories Berkeley, CA - Mars Atmosphere and Volatile Evolution (MAVEN) Educator

6/08 – 9/09 Edward Teller Educational Center Lawrence Livermore National Laboratories Livermore, CA Teachers Research Academy: Light Physics

6/07 - 1/09 Industrial Initiatives for Science and Math Educators San Jose, CA  
Adjunct Faculty Microbial Ecology Program (MEP) at the Department of Energy Joint Genome Institute  
Walnut Creek, CA

6/06 – 9/06 Industrial Initiatives for Science and Math Educators San Jose, CA  
Lockheed Martin - Missile Defense: Multiple Kill Vehicle - Infrared Technology

1/06 – on-going NASA & Johns Hopkins Applied Physics Lab Laurel, MD – New Horizons Educator  
NASA Mission to Pluto

8/06 – on-going Mt. Diablo Unified School District: Foothill Middle School Walnut Creek, CA  
Earth, Life, Physical & Environmental Science Teacher

8/01 – 6/06 Mt. Diablo Unified School District: Glenbrook Middle School Concord, CA  
Earth, Life, Physical, Structured English Learning (SEL), English Language Learning (ELL), Gifted and  
Talented Education (GATE) Coordinator

6/03 - 7/09 Mt. Diablo Unified School District: Summer School Concord, CA  
Gifted and Talented Education (GATE) "Talents To Go" Summer School Science

6/01 – 8/01 Mt. Diablo Unified School District: Summer School Concord, CA  
8th Grade Math Intervention Specialist

8/00 – 6/01 Antioch Unified School District Antioch, CA  
Intermediate (4/5) Special Education

6/00 – 7/00 Benicia Unified School District Benicia, CA  
Intermediate (4/5) Special Education

3/00 – 6/00 Pittsburg Unified School District Pittsburg, CA  
3rd Grade Co- Teacher

9/97 – 6/99 Mt. Diablo Unified School District Concord, CA  
Teacher Aide: physically and developmentally handicapped

**Other On-going Employment:**

Professional Musician & Music Management – knowledgeable and versed with all facets of the music industry including: performance, bookings, entertainment direction, management, live promotion & production, writing and recording, and public relations.

**Previous Employment:**

- Contracting – sub contracting skill positions specializing in painting, remodeling, electrical and tile.
- Retail - grocery and drug store cashier, customer service, and inventory management.
- Restaurant & Food Services –food prep, cook, sauté chef, and management.
- Hospital Messenger/Transporter - 90 bed hospital requiring physical abilities and elevated organizational skills and knowledge of many procedural facets.

**References:**

Available upon request