

Application to Serve on the County of San Diego Independent Redistricting Commission

This is your application to serve as a Commissioner on the County of San Diego's 2020-2021 Independent Redistricting Commission.

Read the tips below to
make sure your
application is complete.

Kristina

First Name

Kruglyak

Last Name

Make sure you have all the pages.

There are nine (9) total pages that make up this application, including this page. The pages are numbered in the bottom right corners.

Initial the top right corner of pages 2-9 in the "Initial Here" box. This will make sure your application stays together.

Print clearly and legibly or type your application. Doing so will speed up processing time. Unclear handwriting may cause delays.

Don't know if you're eligible to serve on the County's Redistricting Commission? Among other requirements, you must be a registered voter in San Diego County to serve on the Commission. See page 3 for more details.

Questions? Learn more at www.sandiegocounty.gov/redistricting or redistricting@sdcounty.ca.gov.

This application must be received no later than Friday, July 31, 2020, at 5 p.m. See page 9 for submittal instructions.



Application Timeline

July 31, 2020	Applications must be received by the San Diego County Clerk of the Board of Supervisors no later than 5 p.m.
August 26, 2020	From the pool of qualified applicants, the Clerk of the Board of Supervisors will post the names of the 60 most qualified applicants. The names will be posted online for at least 30 days.
October 13, 2020	The Clerk of the Board of Supervisors will conduct a random drawing of the qualified applicants at the Board of Supervisors meeting to select eight Commissioners.
October 22 and November 5, 2020	The selected eight Commissioners will meet to choose the remaining six Commissioners from the remaining pool of qualified applicants.

Important Things to Know

- The questions in this application ensure you are eligible to serve on the Commission.
- Answer the questions to the best of your ability.

A. Tell us About Yourself

First Name: Kristina Last Name: Kruglyak

Address (where you are registered to vote)

Street Address: [REDACTED]
City: [REDACTED]
State: [REDACTED] Zip Code: [REDACTED]

Mailing Address (if different than the address listed above)

Street Address: _____
City: _____
State: _____ Zip Code: _____

Contact Information

Phone 1: [REDACTED] Type: Cell
Phone 2: _____ Type: _____
E-mail: [REDACTED]

B. How This Application Will Be Used

- I understand the contents of this application may be made available to the public. Yes, I understand
- I understand that while this application is a public document, my personal e-mail address, street address, and phone number(s) will be kept confidential to the extent authorized by law. Yes, I understand

C. Questions to Determine Eligibility

Government Code section 21550 sets forth certain qualifications to serve on this Commission. Please check the appropriate box for each question. Applicants may be asked to verify and update information at various points in the process.

1. Are you a resident of the County of San Diego? Yes No
2. Which supervisorial district do you live in? 1
If you're not sure, visit www.sandiegocounty.gov, click on "Find My District" under the Board of Supervisors, and enter your address in the top right of the web page. 2
 3
 4
 5
3. Which political party are you currently registered?
 Democratic Republican American Independent Green Libertarian
 Peace and Freedom Other: _____
 I am not registered with a political party (non-partisan)
4. Have you been continuously registered to vote in the County of San Diego with the same political party preference or with no political party preference and have not changed your political party preference for at least five years? Yes No
If you're not sure, you can check your voter registration at www.sdvote.com.
5. Have you voted in at least one of the last three statewide elections immediately preceding your application to be a member of the Commission? Yes No

Explanatory Notes: If necessary, you may further explain answers to the questions above.

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INITIAL
HERE: →

KMK

6. Within the 10 years immediately preceding the date of this application to the Commission, have either you, or an immediate family member, done any of the following? For purposes of these questions, immediate family members means a spouse, child, in-law, parent, or sibling.

You are not eligible to serve on the Commission if you answer "Yes" to any of the following:

- a. Been appointed to, elected to, or have been a candidate for office at the local, state, or federal level representing the County of San Diego, including as a member of the Board of Supervisors. Yes No
- b. Served as an employee of, or paid consultant for, an elected representative at the local, state, or federal level representing the County of San Diego. Yes No
- c. Served as an employee of, or paid consultant for, a candidate for office at the local, state, or federal level representing the County of San Diego. Yes No
- d. Served as an officer, employee, or paid consultant of a political party or as an appointed member of a political party central committee. Yes No
- e. Been a registered federal, state, or local lobbyist Yes No

Explanatory Notes: If necessary, you may further explain answers to the questions above.

D. Experience Qualifications

State law requires candidates demonstrate experience in areas related to redistricting. Please provide responses to the following questions.

1. **What experience do you possess that demonstrates analytical skills relevant to the redistricting process and voting rights, and demonstrates your ability to comprehend and apply the applicable state and federal legal requirements?**

I work with large, complex datasets for a living. My passion and background are in mathematics and computational biology, both of which require deep analytical skills. I received my undergraduate degree in Mathematics from the College of William and Mary in Virginia, and then went on to study bioinformatics, earning my PhD in Biomedical Engineering from the University of Virginia. After graduation, I spent ten years at Illumina, a San Diego-based biotechnology company, focused on novel ways to analyze next-generation sequencing data, largely for application in cancer diagnostics. Currently I serve as Head of Informatics at a small start-up in the oncology space.

I am very comfortable handling complex data and am trained in statistically rigorous methods of analysis. I am also experienced in translating biological and medical requirements into straight-forward, algorithmic principles. This ability to comprehend and synthesize key concepts outside of my core expertise will be critical in translating legal requirements into constraints for analyzing census data. For example, though I am neither a biologist nor chemical engineering by training, my role requires modeling of oncologic processes as well as instrument-specific error modes so that our algorithms can accurately identify cancer mutations with high confidence and accuracy in order to inform medical decision-making. I am intelligent and curious by nature, and I take pride in constantly expanding my knowledge beyond my specific role. I am confident that I will be able to understand and apply state and federal requirements into a thorough analysis of these data and deliver results of the highest quality.

You are encouraged to limit your response to one page, however if more space is needed, you may attach an additional page.

2. What experience do you possess that demonstrates an ability to be impartial?

I pride myself on my integrity, as well as my ability to intelligently and impartially interpret data. I believe that these characteristics are especially critical for my role because the conclusions that I present based on my analyses are used to drive decisions that impact an entire project or even the entire company. I would like to highlight two specific instances that demonstrate my ability to be impartial in decision making and in drawing conclusions from data.

During development of a new product at Illumina, our department was tasked with developing an algorithm to effectively identify whether an observed signal originated from a patient's tumor. This is actually a very challenging problem because every person has variants, or "typos" in his or her genome, and it is difficult to differentiate the source of any given variant. Two senior scientists were tasked to work on this problem, one of whom was on my team. Both did exceptional work, and their final algorithms delivered high performance. We decided to move into production the algorithm from the scientist who did not report to me, because it was based on standard machine learning methods, while the algorithm from my team member was based on deep learning; our Regulatory team was concerned that this type of algorithm would be more difficult to present for approval. I solicited and considered all feedback in my decision process and did not let my managerial relationship bias my view. My team member was disappointed but supported the decision, understanding what was most beneficial for the product as a whole.

Later during my tenure at Illumina, I served as the informatics lead for our largest oncology product, TruSight Tumor 170. The product plan included a research release followed by Regulatory approval for diagnostics use. Deep into the project, Illumina launched another program for TruSight Oncology 500. Initially the products were very differentiated, but over time, key pieces of 170 were incorporated into the 500 product. I went to the core team and argued that our project should be canceled so that all development resources could move towards a faster launch of 500, rather than spreading our development efforts thin and releasing redundant products on a longer timeline. Even though this was a project that I had been dedicated to for several years, and my arguments were initially not popular with the project lead, it was the right decision. Ultimately, we did pivot in order to focus on the product that was most likely to be successful, for Illumina and more importantly, for patients.

You are encouraged to limit your response to one page, however if more space is needed, you may attach an additional page.

3. What experience do you possess that demonstrates an appreciation for the diverse demographics and geography of the County of San Diego?

My mother emigrated to this country as a Cuban refugee when she was a child. I am unspeakably proud of my Cuban heritage and deeply value my Hispanic culture. Because of my family's experiences, I have been raised to be hugely appreciative of our country's diversity. Diversity in terms of demographics, but especially in terms of opinions and beliefs—I know through my mother how lucky we are to be in a country that welcomes and values public discourse. Being a white Hispanic, I appreciate San Diego's demographic diversity in a special way. I also welcome and am grateful for the range of political opinions in San Diego, and recognize that within California, we are one of the most diverse counties in this regard. As a registered Independent, I value and ascribe to positions on both sides of the political spectrum.

I grew up in the Tidewater region of Virginia, home of the Norfolk Naval Base, and most of my classmates came from military families. This upbringing instilled a deep appreciation for our military, and I am grateful for San Diego's large military population. Beyond our diversity in terms of race, gender, religion, age, or sexual orientation, I also recognize and appreciate our county's diversity in terms of income, education, geography, and housing status. Each voice counts equally and should be celebrated for the qualities that makes it unique. My goal in applying for this commission is to impartially support the redistricting process to protect this diversity, and I believe that our county will be stronger as a result.

You are encouraged to limit your response to one page, however if more space is needed, you may attach an additional page.

E. Demographic Information

Providing this information is optional. You may select "decline to state" for each answer. Elections Code section 21550(g)(2) requires six of the 14 appointees, in addition to meeting minimum requirements, be chosen in a way that ensures the Commission reflects the County's diversity, including racial, ethnic, geographic, and gender diversity. However, formulas or specific ratios shall not be applied for this purpose.

1. Please describe your ethnic origin. Mark one or more boxes.

- BLACK/AFRICAN AMERICAN: All persons having origins in any of the original Black racial groups of Africa.
- HISPANIC/LATINO: All persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.
- ASIAN: All persons having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
- NATIVE HAWAIIAN/OTHER PACIFIC ISLANDER: All persons having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
- AMERICAN INDIAN/ALASKA NATIVE: All persons having origins in any of the original peoples of North and South America (including Central America), and who maintain cultural affiliation or community recognition.
- WHITE (not of Hispanic Origin): All persons having origins in any of the original peoples of Europe, North Africa, or the Middle East.
- Prefer to Self-Describe: _____
- Decline to state

2. What is your date of birth? ██████████ Decline to state

3. Select the gender you identify as:

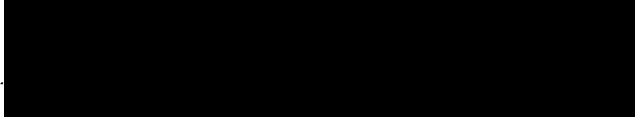
- Female
- Male
- Non-binary
- Decline to state

F. Signature

By signing below, I declare under penalty of perjury that the answers provided in this application are true to the best of my knowledge.

First Name: Kristina

Last Name: Kruglyak

Signature: 

Date: 07/21/2020

G. Submittal

Completed applications must be received by the Clerk of the Board of Supervisors no later than Friday, July 31, 2020 at 5 p.m. Double check your answers in the application; once submitted, applications cannot be amended. Remember that you must answer all questions on this application to be considered for the Commission. Incomplete applications will not be considered.

Option 1: Mail or drop off the signed paper copy of your completed application to:

County of San Diego
Clerk of the Board of Supervisors
Redistricting Commission
1600 Pacific Highway, Room 402
San Diego, CA 92101-2471
(619) 531-5434

Postmarks are not accepted. Applications must be received by the Clerk of the Board by the due date.

Option 2: E-mail your completed application.

Ensure the application is signed, then e-mail the application to:
redistricting@sdcounty.ca.gov.

Applications must be received by Friday, July 31, 2020, at 5:00 p.m.