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To the Search Committee,
Deep Springs College

Dear Members of the Search Committee,

Inspired by Deep Springs College's remarkable educational mission and dedication to fostering academic excellence, self-governance, and meaningful labour within a close-knit community, I am writing to apply for the Herbert Reich Chair of Natural Science. The chance to interact with and guide students at Deep Springs excites me as a scientist and educator who is passionate about tying the life sciences into the larger framework of the liberal arts.

My Ph.D. in Environmental Microbiology and Biotechnology, along with over eight years of interdisciplinary research and teaching experience, have given me a solid foundation in environmental science, ecology, and molecular biology. I also have experience in field research and agricultural systems. My work encompasses collaborative projects on ecosystem resilience, biogeochemistry, and resource management, as well as microbiological investigations in various terrestrial and aquatic environments and the integration of bioinformatics and genomic analysis. I frequently involve students in practical laboratory and field research, and I find Deep Springs' emphasis on fusing scientific inquiry with stewardship and hands-on learning to be inspiring.

I always emphasise critical thinking and teamwork in my teaching, which blends rigorous scientific inquiry with curiosity-driven exploration. I have mentored students conducting independent research on sustainability and applied biology, created student-led projects in ecology, and soil science, and taught life and environmental science courses to a diverse range of students. My passion is creating field-based research projects that capitalise on Deep Springs' exceptional location, enabling students to explore local biodiversity, agricultural practices, and White Mountain ecology in relation to pressing global scientific issues.

Through creative course design and active involvement in curriculum development, I hope to support Deep Springs' academic pillar while bridging disciplinary boundaries by interacting with colleagues in the humanities and social sciences. My guiding principles are encouraging self-governance, building resilience and teamwork both within and outside of the classroom, and enabling students to take charge of their own education. I'm excited to actively participate in outdoor recreation, group meals, community service projects, and any other facet of college life that fosters learning and relationships.

My commitment to education that fosters character development and intellectual growth is strongly aligned with Deep Springs' distinctive setting and core values. The idea of serving on college committees, preserving and growing your scientific and laboratory collections, and fostering a dynamic learning environment excites me.

I sincerely appreciate you looking at my application. I've attached my resume, and I'd be happy to talk more about how my experience and dedication can help Deep Springs College's community and mission.

Kind regards,
Dr. Kalisa Amarsingh Bogati