



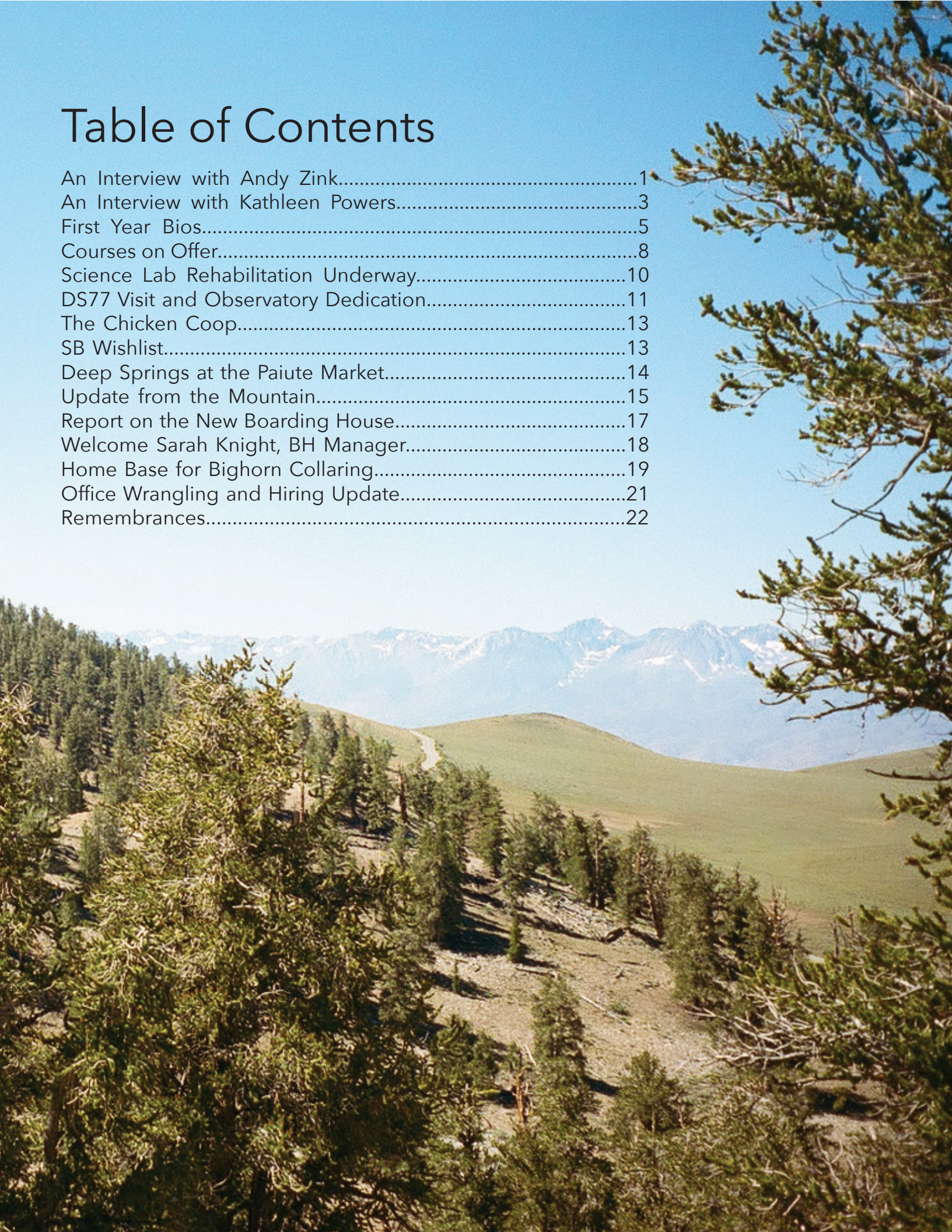






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# An Interview with Andy Zink

by Tosca Hegel-Cantarella DS23 for Deep Springs Newsletter (DSN)

President Andy Zink goes for a walk with first year Tosca Hegel-Cantarella to discuss his career, his thoughts on self-governance, and his unceasing love for kale.

DSN: Can you talk about your relationship with philosophy — as a biologist who considered doing a graduate degree in philosophy?

AZ: I've always been obsessed with the natural world. But when I started as an undergraduate at Bowdoin College, I arrived unprepared from a high school with no laboratory courses. I ended up struggling a bit in introductory biology and chemistry labs. That was very humbling. At the same time, I had always loved writing and took a Philosophy course called "Environmental Ethics" that merged my interests. After that, I was pretty hooked. I spent my junior year at Trinity College in Ireland studying mathematics and philosophy, and during that year I had this epiphany that I really wanted to be an ecologist. I was recalling the biology topics that I had taken in Intro Bio and realized how they merged philosophical questions with the ability to be in nature.

And so somehow a switch flipped and I decided I wanted to do a double major in biology. I scrambled and took two summer classes at UC Santa Cruz. Then I took seven upper division biology classes my senior year and squeaked out a double major. And this is sort of a long answer to your question, but I will end with one really formative experience, which is that I spent the summer after my graduation at Bowdoin Col-

lege's remote field station on Kent Island. I did studies on the pollination biology of island wildflowers and it was my first taste of entirely independent research. After that summer, I was pretty sure I wanted to go to graduate school to become an ecologist and field biologist.

DSN: What about the Deep Springs environment excites you as a biologist, and what sorts of research projects have you envisioned as a result?

AZ: When I interviewed, I identified three different biological systems that I would like to do research on with students. One that I'm still focused on, of course, is the black toad, which is endemic to the valley and is only found here. I'm starting to apply for field permits through California Fish and Wildlife so that students can work with me on monitoring the toads to make sure that they don't have a particular fungal disease that is decimating amphibian populations around the world.

Additionally, I've always wanted to work with, and I've written on, Yucca plants and their specialized pollinating moths. The Yucca plants (such as the Joshua trees that are present just east of Deep Springs Valley, are a classic system where the moths eat a portion of the seed production as larvae, and then they pollinate the plant as adults. So they have this

specialized system that is essentially reciprocal parasitism. There's also (and I know I'm going on and on but here I'm just geeking out) a type of wasp in the genus *Ammophila* called the "Thread Waisted Wasp". There may be up to a dozen species found here. Species behaviors range from extended parental care of offspring, like birds, to very brief and episodic parental care. They're a model system for understanding the evolution of offspring care in the animal kingdom. I could go on and on! But those are some of the easy projects that students can get involved in right here on campus to understand ecology, conservation, and, in particular, the evolution of behavior—which is my area of specialty.

DSN: You and I have spoken about the obsession you had with Wittgenstein during your undergraduate studies, has the Wittgenstein course offered this semester reinvigorated those interests?

AZ: It's been humbling to have conversations with the students recently because it's making me realize that it's been 30 years since I engaged with Wittgenstein! I was obsessed with the philosophy of language as an undergraduate, and I did my senior thesis on what's called the late Wittgenstein. Then also a book called *Word and Object*, which was a behaviorist account of meaning. It was taking what I do now, which is





the evolution of animal behavior, and thinking about it in the context of how we derive shared meaning for the uses of language behaviorally. I really became completely obsessed with the philosophy of consciousness. Which at the time was a fringe field within philosophy of the mind, but has now become mainstream.

DSN: Thinking back on the summer, what was it like coming into the role of President at the same time as DS23?

AZ: I feel privileged to have started with your class. The summer was a really special time, an opportunity for me to get to know many of you through your labor and classes. It was a time where I felt that I had some time to ease into the presidential role. Term two, things really started to ramp up. It was exciting to have all the students back and to be a full community. My family has attended small liberal arts colleges for generations, and many of those are older

than Deep Springs, but some of the innovative colleges where I considered teaching are much younger than Deep Springs. As Ryan articulated in his talk about his new book on Innovative Colleges, I think there's a real difference between these more recent colleges and Deep Springs, which has stood the test of time. I really respect that history. There's something obviously successful about it. And I do believe, as many people recognize, that this vision of the three pillars in combination with the ground rules has really provided important scaffolding and stability for the college over the decades.

DSN: What is the most important aspect of the project to you?

AZ: A great question, and I have a very clear response to it! It's by far the self-governance pillar that drew me to Deep Springs. That's really why I'm here. I see it as an incredible opportunity and challenge as a leader to collaborate with the students

and to work together on shared goals, and also to struggle with the boundaries of shared governance versus self-governance. Honestly, the students during my interview were so impressive in how seriously they took self-governance. It sounds cliché, but when I was talking to the ApCom and CurCom chairs I felt like I was talking to Deans of Admissions and faculty at a small college and I was just blown away.

DSN: Following up on that, what is the ideal relationship of the Student Body's authority to the administration's authority, from your perspective?

AZ: The perfect Deep Springs? It would never be static. It would always be evolving, almost like a breathing organism, and the student authority would be expanding and contracting based on the specific circumstances of the particular year, student body, and challenges that the college faces at any given time. So the way I see it is that my role is to provide a container for the students with clear boundaries. And when all goes well, I would like to interfere as little as possible, but also be a kind of moral guide or cheerleader for the students. I view this as a healthy relationship that should rest on open communication and mutual respect.

DSN: What's your favorite place on campus?

AZ: I'd say the garden. You know, I garden 10 to 12 hours a week at home. So here I've been really enjoying my time in the garden. It's



also a great time for conversation and getting to know students. I see the garden as having so much potential. I would love for it to continue to expand and grow, to be a complement to the ranching operation, both in feeding the community but also for leadership roles.

DSN: Do you have a favorite variety of kale?

AZ: [Laughs] Without a doubt, it's the lacinato kale. I'm not sure why I have such an obsession with lacinato kale, but as I'm sure I've told you, I use about two heads of lacinato kale every morning in my smoothies. So I've become basically symbiotic, I think, with that plant. You know, I've been buying Vons out of all their kale. They're probably wondering what the heck is going on. I literally clean their shelves of 12 heads of kale each time I go there!

DSN: That's really funny!



*Andy's dog, Piper*

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# An Interview with Kathleen Powers

by Anna Zikova DS'22 for Deep Springs Newsletter (DSN)

DSN: You have a uniquely interdisciplinary academic background. Could you tell us about some of your areas of interest, and how you balance their exploration in your life?

KP: Overall, I am most interested in the problem of biological life, what that problem means and how we can work it out. This is a problem that I personally feel, unlike a lot of philosophical inquiry, which takes place outside of us. It often concerns categories we do not participate in. This is not the case for the problem of biological life; we fear when we have a relative in the hospital, because we don't know how to help them. We don't know what's happening in the body and we feel fear and anxiety. I seek recourse to philosophy and medicine to address this problem, because you need both to get at it. You have to know about the matter of biological permeation, and you need philosophical tools to understand the distinction between matter and form..

DSN: Your interdisciplinary interests remind me somewhat of Vicki Hearne, a philosopher who is also a horse trainer. How do you approach interacting with two worlds which seem separate?

KP: I do not interact with both worlds seamlessly. For Vicki Hearne, the two worlds work together. In

medicine, the practice is not so straightforward. I believe medicine to be eminently philosophical. For example, surgery involves the undertaking of matter that constitutes our experience. How could that not be philosophical? Regarding balancing them, part of why I am here this year is not only to teach things I love, but also to orient myself in my career. After Deep Springs, I will be doing a residency. I will also be attending Physician and professor. I hope to write a book that moves my dissertation towards a publishable thing, the title is *A Cybernetic Biology*. I am mostly interested in early ideas of digital and artificial intelligence. These ideas did not just come from machines, human biology, physiology and the capacity to change the body were the ground for whence these ideas came.

DSN: What are some future projects you are excited about?

KP: There are a couple of things. I am preparing a conference presentation of embryology and morphogenesis. It is a gorgeous conceptualization of the physical process! How do organs get differentiated from an embryo? How do we get an esophagus from cells? Specifically, I am looking at reproductive organs and the process by which sex differentiation occurs. Something intriguing for example, is that in both XX and



associated with your actions. That there is still meaning attached to miniscule moments of your work compared to much larger geological moments of nature. You do not get that in the hospital!

DSN: This year you are serving on the Applications Committee. What has your experience been so far?

KP: As a professor, I feel summoned in moments of uncertainty. In these moments, when in class, I intervene. On ApCom it is not quite like that. I mostly listen and vote. A professor is not summoned for every issue on ApCom, I am currently more on an observational role. I am impressed at the ability of ApCom to engage with moments of difficulty through established protocols. It does this very well. It reaches a moment of tension and responds to it structurally. This is demonstrative of a wonderful capacity of self-governance to add to itself. It is not a static enterprise, but instead new norms are proliferating at all times. This has shown up on ApCom, it is mutable.

DSN: What has been your experience teaching your class on French Philosophy of Technology pub-speak? How would you compare the academic experience here and at the other institutions you have spent time in?

KP: It is such an honor to be facilitating PubSpeak. The walls of the main building have echoed Public Speaking for years! The most

wonderful thing about the course is that you see your students embodying different aspects of their person. The space performs several functions. As a professor, you get to turn the person of your student and see different facets, which is what makes life here so enjoyable: it is not just the classroom but it is also about getting to know a group of people. In terms of FPOT, we have just finished reading Simon-don's *On the Mode of Existence of Technical Objects*. He uses specific objects to philosophize, like dams or solar furnaces. What has made the class light up for me is students taking up these examples to understand the philosophical world and link it to the world here. The ability for students to be in this course and then tractor in the afternoon is part of the power of the course. There would be something missing if I taught this at Berkeley.

DSN: What courses do you plan on offering in the Spring?

KP: I have liked the slow and steady work of chipping away at the argument of a huge text. So in the Spring, I'll be pitching a couple of philosophers: Bergson's *Creative Evolution*, where he writes about consciousness and evolution in relation to the problem of being. Or also Katherine Malabou's *Ontology of the Accident*, or *Neuroplasticity*, etc. Maybe *The New Wounded*, about physical trauma to the brain as a philosophical problem. Not trauma in a PTSD kind of way, but exploring within continental thought the lines of inquiry that

began when the mind is damaged. I would also offer a 20th century survey course on Cybernetics. Cybernetics is essentially the application of the concept of signal sending and signal reception for the organization of phenomena.

DSN: What do you like doing in your free time here? (If you have any)

KP: I love to run. I run on the highway, but that involves a funny social problem; unless you are running very fast or very well, the drivers stop to ask if you are okay. So you have to keep a jaunty pace. I also run on the dirt road, which has less stakes.

DSN: What is your favorite place on campus/in the valley? What is a place that matters to you here?

KP: I love the triplex porch. When I first got here I was so transfixed on the arrival etc... I had never been to this part of the world. I was on the porch for hours at a time. I have also made a home in the visiting faculty office. Accessorily, the laundry room gives me a sense of empowerment because I need to kill a couple of black widows each time.



# First Year Bios

by Jacob Harms

When **Tosca Hegel-Cantarella** arrived in the valley, the community couldn't help but notice three things: The notable lightness of her bags, her remarkable fashion sense, and her potential relation to Hegel himself. The latter two, equal in truth, are inseparable from her identity. The former was a result of her short packing list. The single bag she brought here contained no more than five vinyls, Canadian army boots, a single hair curler, three tupperwares' worth of sourdough starter, and a turtle named Ira. Hailing from New York City, but most recently from wherever you wish you were, Tosca blesses the Valley with art and bread.



The most patriotic of DS23, **Walker Harris** is from Massachusetts and was born of the words of the constitution itself. Emerging from the NOLS program as an already-capable outdoorsman, he honed his survival skills to a fine edge at NYU for two years before finding his way to Inyo county. Walker likes the finer things. Nina Simone, the Enlightenment, Thomas Jefferson, and Adam Smith. He wars with generalities in seminar and with weeds in the garden, resting only when both are (mostly) eradicated.



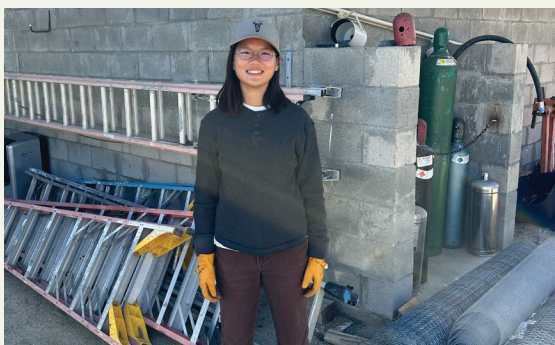
**Noah Silva** had to request an honorable discharge from the war on heretics and protestants (he'll tell you they're the same thing) to make it to Deep Springs this summer. The sonorous leader of the newly-established Deep Springs choir, Noah leads the Student Body closer to holiness and the proper pitch. Noah serves the Community as butcher, voice of reason, and performing arts extraordinaire. He carefully applies sunscreen each day for fear that if he burns too much, his face will peel revealing him to be St. Thomas Aquinas himself.



DS22 was baffled on move-in day when **Rebecca McMillin-Hastings** wandered down from the druid, hair soaked from spending the summer up until that point dancing in the rain. Liable to sit cross-legged by herself in the main circle, you can rest assured she is never lonely there. Her imaginations of the fourth dimension, the end of infinity, the Greeks, and her latest Dungeons and Dragons adventure keep her company. Rebecca serves the community on General Labor.







**Hexi Jin** knows that she wants to make Deep Springs the best it can be. She knows the two most direct ways are clean dishes and the happiest SB motions around. Her near-weekly board posts ask the Body to endorse things like Halloween celebrations, eating together, and complimenting one another. The near-daily court she holds in the BH dish room covers the first initiative. Coming to Deep Springs after a semester at St. John's, Hexi knows what is good and will tell you.



**Jack Gjaja** can (and will) be spotted with a flower behind his ear, a hammer in his carpenter's loop, and a song in his heart. When he's not busy playing piano in the main building, farming on Field 4, or rocking on the front porch with a book, Jack is busy dying first in every horror movie ever. Trading the New York City life for Inyo County, Jack Gjaja loves the desert but misses all his many, many cats.

I yield.



A failed ritual involving two ounces of tobacco, three pairs of thrifted jeans, and a first-edition copy of *The Catcher in The Rye* made **Gideon Berrie** incarnate at Deep Springs. When he's not working in the garden, seminaring, or shooting analog photos, he's busy just riffin'. When he's gardening, seminaring, or shooting analog photos, he's busy just riffin'. He's seen all the movies on your to-watch list. He was the one who told your cool-friend-who-told-you-about-that-band about that band. New York misses Gideon Berrie, and it should.



After a short lived (but not unsuccessful) tenure as a Wheezer/Big Thief cover artist, confused vegan and obstinately-exclusive Disco boojer **Melania Espinal** is getting to the bottom of it. "It" is as follows: Who keeps eating the dairy-free chocolate chips, what the subtext connotes, and why, exactly, Bob keeps bringing them dead birds. Not far from their LA origins, Melania has found a second home in Agrabah and a third in the Time Shack.



What happens when a mouse and a prepper get mixed in an embryo tube? She's an expert on all your favorite contemporary disasters and has almost certainly listened to their radio transcripts. She's a basement-dweller, an orange-eater, and a GL aficionado. She'll steal a sip of your drink at dinner and follow it with a decimating impression of an American accent that will make you rethink your patriotism. On a dreary and bollocks day, **Oleanna Pereira-Puerta** migrated to a permanent perch on the smoking porch and became our political messiah. Soon she'll hijack the GL van and drive it into the BH.



A certain New York native takes no prisoners, and all the names. One of the names they take is “Feminist Icon,” another “The Beast Of Four East,” another, “/Road Rage on the Mount/,” still another, “**Ren Franklin.**” They come to Deep Springs after a 17-year long stint of holding Flatbush in a chokehold. When the neighborhood finally tapped, Ren sauntered across the continent to Deep Springs, teaching half-nelsons at Fight Night and preserving rationality in SB ever since.



**Jacob Harms’s** dialogic capacities are contained within a set of 14 iterable phrases doled out “just whenever you need ‘em”. He’s the burgeoning dandy of the SB, online shopper par excellence, and amateur dermatologist. You can find him sleeping anywhere but his room. Prime locations include the BH (he’ll be instigating a cipher) the SmoPo (he’ll be telling a tall tale) or the Upper Rez (he’ll be reminding you about the Fall). He’s a Canton Ohio country boy (“quick as a cat: meow!”) looking for the mazzi to his star. As first year farm lead, he’s holding the ranch operation together (“cause mamma raised a solider”) with an itty-bitty tank top, Tolstoy’s The Kingdom of God is Within You, and premature arthritis.



**Rania Mohamed Zaki** spends 10% of her day in the dairy barn, and 40% of her day with her heels dug into the hot sand of Sanity’s Beach, yanking the wayward SS SB slowly in from the sea of debauchery and ignominy into which it is seemingly insistent on sailing. On the day when she finally pulls the ship aground, she will greet the Student Body with her brand of tranquility that is equal parts Mr. Keating (of Dead Poets Society fame) and Kawhi Leonard (of 2019 NBA MVP fame). In her endless charitability, she donates the other 50% of her day to someone who could use it.



Seamlessly straddling the roles of Stack Exchange-comber and Kathryn Bigelow character, gravel-biking, snowboarding, Chat-GPTing **Miles Segal** is liable to mow the lawn, talk quantum, and take a peek under the hood. Famous among the SB for his signature pizza, and infamous for putting honey on it, New Yorker Miles Segal troubleshoots with the best. Peanut butter bowl.





# Courses on Offer

## Late Wittgenstein and Later

Antón Barba-Kay

*For a large class of cases of the employment of the word ‘meaning’—though not for all—this word can be explained in this way: the meaning of a word is its use in the language (PI 43).*

This course consists of a close reading of Wittgenstein’s *Philosophical Investigations* (one of the two greatest works of twentieth century philosophy). The book is justly famous for the ways in which it transposes questions about the meaning of concepts into questions about their grammar, use, function, and context. “Grammar” in this sense emerges as a description of a form of life: our use of words is not merely linguistic or arbitrary but encompasses everything that we could mean (and fail to) for each other. What I take to be especially valuable is the project of defeating our entrenched, conventional picture of the self. If you have ever found yourself thinking that no one else can see the world through your eyes, or that no one can understand you, or that others may not really be people, or that no one can be sure that the color red is exactly as you see it, or that (in general) your experiences are in some sense privileged and incommunicable—this book can save you. Wittgenstein’s project has an obviously “therapeutic” dimension, along these lines: he does not intend his book to consist merely in a series

of true propositions, but to be a way of continually working through the kinds of implicit demands that we make on each other to make sense.

## Mestizajes

Antón Barba-Kay

*Beyond myself, somewhere,  
I wait for my arrival. (Paz)*

Much of our contemporary discourse about racial identity moves between the notion that it is an essential characteristic (something bestowed or given) and the notion that it is a performative one. But there is a third possibility that often goes unmentioned: that racial identity might be an existential task or a work in progress to be still collectively achieved. This project of creating a distinctive racial and cultural identity has been especially pressing for Latin American writers, who set themselves the project of synthesizing and digesting their indigenous and European roots into a new distinctive voice sharing mongrel qualities from both and neither. (As in the *Odyssey*, the point is that roots are to be won at last, not dug up from the outset.)

This course takes its bearings by reading Paz’s *Labyrinth of Solitude* and Reyes’ *Vision of Anahuac*, both of which set the terms for thinking about identity as an existential, philosophical problem. The course then proceeds to some of the best novels that pursue versions of syncretism along constructive, existential lines:

Asturias’ *Men of Maize*, Fuentes’ *Where the Air is Clear*, Roa Bastos’ *I the Supreme*, and two contemporary novels about the abiding presence of colonial violence within ordinary desires by Fernanda Melchor: *Hurricane Season* and *Páradais*.

## Foundations of Music: A Study of Harmony

Bree Wooten

The argument is made in Plato’s *Republic* that “musical training is a more potent instrument than any other because rhythm and harmony find their way into the inward places of the soul, on which they mightily fasten, imparting grace, and making the soul of him who is rightly educated graceful, or of him who is ill-educated ungraceful.” For this reason, the ancients considered music to be an integral part of the liberal arts education, including it as one of the four mathematical disciplines of the quadrivium (arithmetic, astronomy, geometry and music) in conjunction with the trivium (grammar, logic, and rhetoric).

While *The Study of Counterpoint* is our primary text and focal point, additional readings include selections from Boethius’ *On Music* and *On Arithmetic*, St. Augustine’s *De Musica*, and Jean Philippe Rameau’s *Treatise on Harmony*. We will eventually be applying our knowledge of counterpoint to analyze the harmony of Beethoven’s *Grosse Fugue*.



## **Tocqueville's Democracy in America**

Anna Feuer

Writing in the wake of the French Revolution of 1830, Alexis de Tocqueville saw the progress of equality as fated. "It is daily passing beyond human control," he affirmed. "Whither, then, are we going?" Democracy in America reflects Tocqueville's great enthusiasm for the new liberal order and his persistent anxiety about its homogenizing tendencies. On the one hand, he admires Americans' participatory citizenship, the vitality of their local associations, and their rejection of European class prejudices. On the other, he worries that democratic culture will intensify American predispositions toward bourgeois individualism, producing a stupefied, politically disinterested populace. American democracy, he explains, lends itself too easily to a soft despotism that reduces the electorate to a "a flock of timid and industrious animals, of which the government is the shepherd." Tocqueville's unsurpassed account of the dangers inherent in the egalitarian ideal, his playful observations about Americans' peculiar customs and tastes, and his unsparing account of slavery makes Democracy in America the best text with which to think about the theory and practice of democracy.

## **The Politics of Punishment**

Anna Feuer

This course will ask: What is punishment and what is it for? What

right has a democratic state to inflict deprivation or even death upon its citizens? Why has the form that legal punishment takes—from the theater of public torture to the concealed space of the modern prison—changed so radically over time? What do our systems of punishment reveal about the relationship of the state to the individual? And how do they intersect with historical structures of racial and economic inequality?

To approach these questions, this course will consider a range of texts in philosophy, political theory, and sociology that explore punishment as a social institution. We will begin the class by reading major theories of punishment and penal power from the eighteenth, nineteenth, and twentieth centuries, including selections from Kant, Bentham, Nietzsche, and Freud. We will then turn to Foucault's genealogical account of the modern prison, Discipline and Punish. Finally, drawing on contemporary scholarship in sociology and political science, the course will consider the meaning of punishment in the context of the United States' "war on drugs."

## **20th Century French Philosophy of Technology**

Kathleen Powers

French philosophy of technology in the 20th century conceptualized its efforts as salvaging technê as an object of thought. Technê, or technique, had been traditionally considered the diminished capacity to use knowledge – 'art', 'craft', 'practice' – as opposed to epistêmê, theory or knowledge

itself. To address technique in philosophical inquiry then, it became necessary to reach to something more primordial, something before the technê - epistêmê binary became legitimate: to myth in the case of Bernard Stiegler (Technics and Time, 1994) and to ancient tools and chemistry in the case of Gilbert Simondon (On the Mode of Existence of Technical Objects, 1958). The intervention that unifies these two efforts is the embedding of technology in life, as an imperative to invent, inextricable from the imperative to experience time.

## **Linear Algebra & Data Science**

Ryan Derby-Talbot

Linear Algebra comes down to one very rich idea. This idea allows one to organize information and sets, evaluate the dimension and primary "building block" elements of such sets, translate and rearrange such sets to be easier to work with and understand, and solve several complicated questions simultaneously with remarkably quick computations.

In this course, students build a theoretical and comprehensive understanding of Linear Algebra, while solving a range of applied problems including in cryptography, mathematical modeling of populations, epidemiology, digital graphics, and, of course, data science. In particular, the end of the course explores the Google page rank algorithm and other applications of Linear Algebra to data science.



## Introductory Physics

Brian Hill

Our essential goal in one semester is to understand gravitational and electrostatic interactions. In other words, to understand the physics known in the late 1700s, but by modern methods. This course is intended in part to prepare students for a possible spring term course in quantum mechanics. The course presumes previous exposure to calculus, but contains reminders for all the definitions and theorems.

To be transferable and a meaningful preparation for what is usually the second semester of college-level introductory physics, the course follows fairly closely what is standard elsewhere, although without mimicking particular method of covering that material.

## Ancient Astronomy

Brian Hill

It is somewhat arbitrary where one might stop in the ancient history of astronomy and astrophysics and deem what follows to be “modern.” For purposes of this course, “ancient” means anything and everything up to but not including or beyond Copernicus, Kepler, and Galileo. The shift that occurred very roughly at 1600, although actually it was progressive, not sudden, was to the Sun-centered model of what we now call the Solar System. The class confines its survey to the science prior to this shift.

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## Science Lab Rehabilitation Underway

by Brian Hill, Herbert Reich Science Chair

After three years of cooking out of a mobile kitchen housed in the trailer portion of a tractor-trailer rig, the BH is now operational. This means that as of May, 2023, we stopped serving food in the Science Lab, eating food in the Museum, and using the Dick Dawson Music Room as a pantry and bakery.

The new BH is admirably handling all these functions now, and the building that catered to all the temporary usages is now undergoing renovation and revitalization. Guitars and a drum set now adorn the music room, and display cases line the Museum walls. The Science Lab is the laggard and the race is on to get it ready for Spring Semester when two science courses will be using it.

Ambitions run high, but basics come first. We are in the midst of constructing five rough-and-ready, two-person lab tables, inventorying chemicals that have been in storage for almost four years, and finding

safe spaces to stow the most valuable — and also the most hazardous — specimens and supplies, respectively. The eyewash, the emergency shower, and the fume hood sink all need overhauls, and a good fraction of all of this must and will get done in November and December.

The more ambitious renovations to the Science Lab include lab-height tables and lab counters with chemically-resistant tops, new storage and shelving, and modernized experimental equipment. Even if none of that falls into place before January, we will have a rough-and-ready lab space that we can once again use and be proud of, and the essential—but definitely compromised—history as a food serving area will be far in the rear-view mirror.

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Paul Kelly, DS77 and Jim Gorman, DS77 beefing up the new lab tables



# DS77 Visit and Observatory Dedication

by Brian Hill, Herb Reich Science Chair

Nature scheduled the path of a solar eclipse to go over Deep Springs on Saturday morning, Oct. 14, 2023, almost three years after the Deep Springs Class of 77 met online and decided they would like to fund the Deep Springs Observatory. To thank DS77 and to dedicate the observatory, the College timed the visit to coincide with the eclipse. It was the first visit since the new BH was granted its temporary occupancy permit (see “Report on the New Boarding House”).

On Friday the 13th, the class assembled for dinner and to settle in. The next morning, the weather cooperated and a group of more than 20 students, staff, and visitors enjoyed the eclipse. That afternoon the observatory was dedicated.



*Hexi Jin, DS23, throws all her weight into moving Arch-Nemesis*

The landscaping at the observatory was only recently finished. It involved moving the largest rocks unearthed during excavation of the dome and



*DS77 dedicates the observatory, left-to-right, Arjen Maarleveld, Kevin Matthews, Joe Klemke, Clarence Hayes, Kimberly McKittrick, Jim Gorman, Neil Kearney, Michael Jacobson, Paul Kelly, and Peter Rosenblum*





*DS77, staff, students, and other visitors watch the eclipse*

the control room. The very largest rock was so difficult, it had earned the name Arch-Nemesis. Arch-Nemesis yielded with help from the Kris Badkar family who visited the campus at the end of September.

On Saturday evening, the College's telescope was turned on Saturn, Jupiter, and the Andromeda Galaxy. Very early on Sunday morning, several class members went back up to the observatory, and the telescope was again turned on Jupiter, the Orion Nebula, the Pleiades, and—just before dawn—a bright, gibbous Venus.

During the visit, the Student Body had just gone on break, but the skeleton crew that remained did an admirable job of their regular work while also hosting visiting alumni and families. On Sunday afternoon, after the dedication and observing, Denny Dart, Kevin,

Paul, and Jim joined Andy and Brian for a work party where progress was made on the lab rehab (see “Science Lab Rehabilitation Underway”).

A good time was had by all. Old friendships were strengthened, and new ones were made. The College is incredibly grateful for the gift that

made the Observatory possible. It has provided focus, camaraderie, and skill-building during its construction, and now it can support teaching and research for decades to come.

*Michael, Kris, Zajani, and Edith of the Badkar family look on as their youngest, Dao, sledgehammers.*





# The Chicken Coop

by Trey Longnecker

For years, Deep Springs chickens have been regularly slaughtered en masse. This year seemed no different, and poultry lovers lamented as our common fowl population was rapidly decimated by unknown predators. But after the valley's last *Gallus gallus* died, Feedboy Drew Storino (DS22) decided to fix things once and for all. During his tenure on feed, he, Sofia Mikulasek (DS22), Rebecca McMil-

lan-Hastings (DS23), and Oleanna Pereira-Puerta (DS23), have undertaken the construction of a veritable chicken fortress. Only time will tell if Drew has actually created the final coop, but as long as it stands it will be a testament to the ability of Deep Springers to put in the work and solve problems.

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## SB Wishlist

- Cheese molds
- Guitar strings
- Posters
- Carpets
- Statements

as to the role of the desert in the Deep Springs program

- Gloves
- Humidifier
- Yarn / knitting needles
- Stories of Deep Springs past
- William Volman's "Rising Up and Rising Down"

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# Deep Springs at the Paiute Market

by Gideon Berrie

Milo Vella (DS18), garden manager for the Paiute reservation, takes care not to hurry. Juggling vendors, needy customers, and a gaggle of kids who've declared war on the structural integrity of the bouncy house, he strides across the lot with a sense of tranquil importance. The 3-acre designation next to the Tribal Office at the edge of town is home to a verdant showing during the summer months; produce from the two hoop houses and the small garden are sold, while locals from Big Pine and Bishop set up tables offering homemade beaded jewelry, baked goods, potted plants, fruits, and more.

Though Milo looks like your average Brooklynite, he fits in as the focal

point of interest in this bountiful desert enclave. As the sun droops behind the Sierras on this September afternoon, a distinct sense of optimism is in the air. He ducks into the Tribal Office to take care of some business; the kids who've taken a vested interest in the harvest that day wait. He's harvested everything they had for the garden that afternoon, but he takes care to guide them along the beds, pointing out plants and flowers.

"One kid just got a hot dog cart. He's really excited," Milo says with a smile on his face. Throughout the day he moves from group to group, laughing and chatting with ease; at other points, he talks in solemn voices with groups of tattooed, burly guys in cargo shorts and heavy metal shirts.

a distinct, sovereign nation, state-led exploitative practices, often in the interest of urban residents and white ranchers, have led to a continued degradation of the nation's political power.

Noah explained this, and more, to a group of ~14 Deep Springers who had passed an isolation breach to sell garden produce and baked goods.

Peaches, pears, and herbs from the DS garden, Inyo county's largest, lined the table that day, but it was the Challah and Rugelach, baked by Tosca Hegel-Cantarella (DS23) that took the show. Led by Ben Samuels and Coley Asbury (DS22), the Indigenous Relations Committee has embarked in a renewed effort to establish ties with the Paiute Reservation.

One of these men is Noah Williams. Coming from a long line of political activists, Noah's voice is soft and firm as he explains the history of the Paiute's conflict with LA county. Since LA bought up the Owens valley in the early 20th century, water rights have been at the center of the conflict over tribal sovereignty in California. Though the Paiute reservation is technically

There is a growing consensus among the students and staffulty that views a relationship with the Paiute as an enduring good for the College. Consistent engagement with local communities provides educational experiences for students alongside making it more accessible for Paiute high-schoolers to apply to DS. Though it's just over the pass, many in the community have never even heard of the College. Establishing a mutually beneficial relationship would change that. Hopefully, driven by passion from the SB and organizational mettle on both sides of the pass, this marks the beginning of a lasting friendship.



*Gideon Berrie (DS23) with a watermelon ready for market*



# Update from the Mountain

by Luke Suess

Each year around half of the Deep Springs herd (~150 of 300) ventures up into the high mountain pastures of the White mountains to graze during the summer month. Hannah Duane (DS20), as the returning cowboy, led Ainsley Leof (DS21) and myself. Following a winter of extraordinary snowfall, this summer was characterized by exceptionally wet and lush conditions. New springs and water sources abundant water sources allowed us to graze pastures that have recently been difficult to utilize. We took advantage of this by resting a couple pastures that have been used a lot in recent years. While being great for the health of the land, resting these pastures meant that Hannah

had to think on her feet and strategize a plan for the summer that looked very different from her experience last summer with significantly less water.

Our main job was to move the cows off delicate riparian zones and spring heads to parts of the pasture that are drier and more resilient to damage from the cows still having good feed. The cows drift back to the delicate zones to water, so inevitably these areas develop erosion. If managed correctly, the cows will not damage the delicate areas more than will fully recover before the next year. We have to constantly monitor these zones and make the call to move cows to a new pasture before the damage becomes

too great. The goal is to maximize the amount time the cows can use the pasture while minimizing damage to the environment.

This year we had pairs (a mother cow and her calf) on the mountain. The cows and calves made the most of the abundant feed. Our calves gained considerable weight and the nursing mothers were well nourished. Our favorites were a mother named Flopsom and her calf Pinkie. Flopsom is extremely slow and docile. Pinkie was named for her pink nose. They always were at the back of the herd so we got to know them very well. Also a big shoutout to the calves Simone Peter, and Executive Director—two



*Left to right: Ainsley Leof, Hannah Duane, and Luke Suess, standing in front of a thankfully bear-free shelter*





*One of Cow Camp's eponymous cows*

more of Ainsley's favorites. Admits the abundance of new life, a very beloved cow and one of Tim's favorites, Crooked Horns, passed away from respiratory sickness on the mountain.

The biggest excitement of the summer was the bear. When we first arrived at Cow Camp, the cabin had been ransacked. The door was shattered to pieces and empty cans with large tooth holes and a big pile of bear scat littered the floor. The first half of the summer was pleasantly bear free. However, one morning shortly after Hannah left to go to college and Ainsley was sick in the Valley the bear struck again. I awoke to the sound of rustling of pots and pans. Then I heard the rustling of our trash bag.

It is 4:45am. I grab my shotgun, put on my headlamp and unzip my tent. Next to the eating cabin, two

glowing eyes stare back at me. Above the eyes are two pointy ears and below was a massive shadowy body. I fire around into the air. The bear then rears up on his hind legs to full height. I grab a camping pot and walk towards it slowly, banging the pot. The bear seems indifferent but soon slowly turns and walks a few paces away from the cabin. It stops and looks towards me. I fire another round a few feet to its right. The bear then lumbers off up and over the hill. Luckily that was the last I saw of it.

The other major event was the weathering of Hurricane Hillary. For a couple days we weathered the pounding hail, torrential rain, and strong winds of the tropical storm in our little cabin. The SB visited cow camp in August. The summer on the mountain ended in a series of cattle drives from cow camp all the way to

the Valley floor with the help of many second year students.

For me, the summer was, quite frankly, beyond words. Beauty overflowed daily in our life of simplicity and solitude. My connection with the horses deepened immensely. Everyday, I had one job and one job only: to care for the animals and land I was responsible for. Time took on a palpable texture. My senses sharpened, my mind felt clearer than ever. Silence took on a new music. More than anything I learned to trust myself and more importantly to when and how rely on others and how to let them rely on me, whether they be people, horses, or cows.



# Report on the New Boarding House

by Miles Segal

Since the beginning of term one the new BH, like a healthy gut biome, has undergone a transformation to fit its new environment. The SB has been possessed by excitement over the recent landscaping, trips to Henderson for furniture/decoration, and the construction of the four two-top tables that had previously laid in packaged pieces for months. The space has been taken up by the community in a meaningful way over the past couple of weeks, as a place for chess tournaments, dungeons, dragons, dance parties, late-night reading, and more.

During terms six and one, the lack of a full SB caused labor shortages that resulted in a struggle to effectively move wheel lines let alone unessential labor like making the BH homey. In term one, while labor was not stretched quite as thin, there still wasn't enough time or energy for all

the necessary work in and around the building, though initial steps were taken in the form of irrigation trenches and decorative carpets that were put into place. The return of the rest of the second years from their terms off in term two finally gave us the opportunity to commit the necessary labor hours to lay pipe in irrigation trenches, plant trees/shrubs/flowers, shovel, rake, and decorate the BH turning it into a space that people are excited for and make use of.

The same labor surplus has also given us the chance to take advantage of the resources it was built to offer the college for the first time. This looks like a busy kitchen staffed with three student cooks who along with the interim assistance of Felicia Wong (TDS/former staffulty), John Halperin (Husband of TDS/former staffulty), and Robert Gunn (DS16), have been keeping the pantry/fridge

stocked in addition to delivering meals that are "much more creative", according to Anna Zikova (DS22), than those of years past. The scale of the new kitchen has also given Tosca Hegel-Cantarella (DS23), our baker/librarian extraordinaire, creative and logistical room for her weekly dessert masterpieces and 10-20 loaves of sourdough. Perhaps most notably the new butchery has given us the opportunity to slaughter and process Deep Springs beef for the first time in three years. Thanks to our butcher and dairy lead Noah Silva (DS23), a follow up to this first slaughter is already being planned, along with an expansion of our internal meat sourcing to chicken and pork for the coming season.

Looking ahead we are excited to welcome Sarah Knight, our new BH manager, to campus later this month (see: "Welcome Sarah Knight, BH Manager"). When she visited campus in September we were all excited by the color and freshness of her cooking, her intention to work with the garden and ranch on self sufficiency, and her proposed knife sharpening workshop. Almost as critically the BH team will soon take delivery of a Roomba robot vacuum, which will assist their keeping up with the unruly large main room, hopefully freeing them to spend more time taming the perpetually disorganized student snack area!



*The recently slaughtered steer, being expertly prepared by Noah Silva (DS23) for its transfer into our new BH*

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# Welcome Sarah Knight, BH Manager

by Brian Hill for Deep Springs Newsletter (DSN)

Sarah S. Knight joined the Staffulty as BH Manager at the beginning of November. We take this opportunity just after she has started to learn something about her.

DSN: You have such a diverse past—from caring for animals, to meat preparation, to being a chef, to blogging, to ghost-writing a cookbook. How does Deep Springs fit into that wide range?

SSK: There have been a lot of options that I have had for work and paths that I have wanted to take based on the experience I have. While working with animals, farming, and cooking, I've always done side projects like the cookbook ghost-writing and recipe development because I have wanted to be immersed in food, and ultimately, raising animals and working in slaughter leads to food.

Education is a huge component of that. As I have been in the industry, whether it's restaurants, hotels, or farming, and working with other apprentices or butchers, and living in Montana, you realize how little people actually know about their food and cooking and what's accessible and what isn't. It became apparent very early on in my journey that education is a huge part of what needs to be involved in the food system for consumers and growers alike.

Deep Springs really hits that point for me. I have tried to help with education along the way, but never in such a direct professional capacity. It felt like the next right step for me.

DSN: The vast majority of the populace doesn't spend a lot of time

thinking of food despite it being absolutely and obviously essential to living. How do you view that huge crowd of Philistines?

SSK: For the purpose of connection, I'd say you have to meet people where they are at. Everyone's food experience is personal. The big tropes of "food is love," or "grandmother's home cooking is the best," and the obsession with being super-authentic are rules that you live by. But, the more you travel or you get older, and spend more time with different people, you realize that these aren't the same for everybody and everybody's experience with food is different, and somebody can love chicken tenders as much as somebody else loves their grandmother's stew.

DSN: I'll close with just one more question. Deep Springs is further west than you have ever lived or worked. Do you think this can feel like home?

SSK: As I have taken a little time between jobs to visit friends and family on the East Coast and traveled in that land, I find that it is extremely natural to me and creates an instant spark. There are certain aspects of the mid-Atlantic region that feel like home and will always feel like home.

I have worked as far west as Montana, and in Vail, Colorado. I don't think I had enough time in those places to really settle in. When I was out at Deep Springs there was something in the air, and I felt 10% happier and healthier. There is something about the community aspect, which everybody lives in and contributes to, that makes me think this could eventually feel like home.

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*Sarah preparing a farm-to-table dinner at the Mannix Ranch, Helmville, Montana*



# Home Base for Bighorn Collaring

by Brian Hill, Herb Reich Science Chair

*The author would like to acknowledge the many corrections and improvements to a previous draft of this article made by the wildlife veterinarian and biologists whose work is the subject of the article.*

Part of every wildlife agency's job is to monitor and manage its populations. For desert bighorn sheep, that job belongs to California Department of Fish and Wildlife (CDFW) biologists Danielle Glass and Rick Ianniello. Though based out of Bishop, Glass and Ianniello are responsible for thousands of desert bighorn across more than fifty mountain ranges in

California, from the White Mountains to the Mexican border. Even finding these animals can be difficult, so Glass and Ianniello reached out to Tim Gipson, Farm & Ranch Manager, after the most recent Deep Springs Resource Management Team meeting regarding local sightings and the possibility of setting up a basecamp on campus. Bighorn in this area had never before been collared so obtaining more data was a high priority for them.

The most dramatic aspect of the work is that capture of bighorn is done by helicopter. The helicopter

contractor (Leading Edge Aviation LLC, owner-pilot Jim Pope) locates and then captures the animals via a netgun. Once blindfolded and hobbled, the bighorn are bagged and transported back to basecamp for processing. This includes taking weights, measurements, physical exam, blood and swabs for disease surveillance, other samples for collaborative studies, and ultrasonography for nutritional condition. The final step is to affix GPS and VHF collars to better understand the animal's movement and survival over the years. CDFW wildlife veterinarian Emma Lantz says, "while stressful on indi-







*Processing of the bighorns by biologists and veterinarians with the assistance of Deep Springs students*

vidual animals, the information we can obtain from captures allows for better monitoring and management of the population as a whole.”

On November 5th and 6th, 2023, the Deep Springs community hosted CDFW staff as their basecamp for desert bighorn sheep captures. The first morning began with an orientation for all who were interested about the goals, methods, and safety of the operation. The experienced CDFW team can use additional hands when the helicopter brings several animals in at once so they asked to have four students available. Assisting is a hurry-up-and-wait situation, since most of the day on the Main Circle was spent biding time while the helicopter crew searched for animals in the vast landscape south of the College. Once animals were found though,

the teams were busy.

Oleanna Pereira-Puerta, DS23 describes the experience that she and Melania Espanal, DS23 had: “It was really cool to have people who were doing things with the animals that live in the desert, and that I’m not really familiar with. After the orientation in the morning, Melania and I went to the computer and researched the animals for two hours. The biologists were very good at giving directions, and it felt great to be helpful. It was just a really good environment and it made me want to keep learning more about conservation.”

Three ewes and one ram were successfully processed in basecamp off the Main Circle the first day with the assistance of many Deep Springers. The second day was spent in another

herd unit—the Last Chance Mountains—where four ewes and two rams were field-processed by the helicopter crew since the distance back to the College was too far for the animals to be ferried. “These captures allow us to obtain critical baseline information about these herds: connectivity, population size, range, habitat use, and potential threats to the population,” says Glass. “We greatly appreciated the hospitality of the College and interest of the students and hope to continue the relationship in the future to promote conservation.”



# Office Wrangling and Hiring Update

by Brian Hill, Herb Reich Science Chair

Lots has been afoot on the hiring front and the results are showing. The College will soon begin a search for a Ranch Mechanic who will work closely with the Farm and Ranch Manager, it is far along in the search for a Facilities and Grounds Manager, Katie Ippolito has just begun as Office Manager, Sarah Knight is settling in as our BH Manager (see “Welcome Sarah Knight”), and back at the beginning of August, Ryan’s far-ranging efforts and service were recognized by President Andy Zink with the new title of “Vice President: Dean and CFO.”

One place the results are showing is in the Main Office. Rebecca McMillin-Hastings, DS23 started as Office Wrangler at the beginning of Term

3. For her first two weeks she worked directly with Ryan, and she says, “it’s been wonderful working with Ryan outside of the academic context. I’ve had a really great time.”

She has only gotten to work with Katie, the brand new Office Manager, for a few days. Asked what changes Katie has already brought, Rebecca says, “she brings a new vision for the office. She embodies—or owns—the space in a way that I never felt like I really did, and I’m really excited to see the ways she’s going to shift everything around and make this place more inviting.”

As an example, Rebecca says that Katie is “thinking of adding some study space that is separate from work space to encourage people to be

in here more often.” Quality study space is something much in demand, and students have searched for usable spaces from the Library to the Lab and the Museum.

Stay tuned as the accumulated effect of great new hires first alleviates the backlogs and inevitable pressures of understaffing, and then allows the reinvigoration and reimagining of many aspects of each of our goals and roles at the College.

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Left-to-right, Katie, Ryan, and Rebecca wrangling all the pieces of paper until every piece is in its place



# Remembrances

## Remembering William Cowan

William Cowan, born 1926 in Chicago, Ill., died Dec. 8, 2021 in Plattsburgh, New York.. Bill wrote an essay for the Deep Springs College 2013-14 Annual Report, where he recounted how he regarded Deep Springs as a seminal experience in his life. “I don’t remember how or why, but the Nunnian edict—to train for public service—stuck with me long after I left the valley in 1944.”

Bill attended Deep Springs College for one year before entering the Navy during WWII. He arrived in the summer of 1943, and enlisted in the Navy while home for Christmas, as his 18th birthday would happen in February and he preferred to join instead of wait to be drafted. The Navy allowed him to finish the academic year in the spring of 1944. After the war, Bill graduated from Harvard in January 1947 and then joined Aide Américaine à la France, a nonprofit forerunner of the Marshall Plan. Bill lived in war-torn France doing relief work until autumn 1948, an experience that he remembered as very formative in his life.

“We hauled food, clothing, firewood, medical supplies, and more, whenever and wherever they were needed across northern France. We also took the sick to local hospitals—and occasionally took them home to die. It was grim work that left all of us emotionally drained. However, I gained a smattering of German, fluency in French, a lifelong love of France and the French, and an abiding respect for those who work at the bottom of the social ladder to help

and heal the less fortunate. It was my first response to LL’s call to public service.”

Bill remained very involved with Deep Springs, serving as the 1943 Class Chair. Bill’s widow, Lisa Gibson, remembers “Deep Springs meant so much to him” and that he spoke of sleeping on the dairy barn roof to avoid having to make the walk from the dorm in the morning. She also recalls that Bill was greatly influenced by faculty members Kurt and Alice Bergel during his time at Deep Springs, and kept in touch with them long after his time in the Valley.

In the mid-1970s Bill got involved with Pete Seeger in what started as a restoration of a Hudson River sailing ship, The Clearwater. The sloop remains in service on the Hudson River as an onboard environmental classroom and has helped educate people about preservation efforts on the Hudson for decades. Bill, with a new publishing partner, Jack Rynerson, helped create some of the fund-raising materials for the Sloop, then a souvenir booklet, and finally a song book, Songs & Sketches of the First Clearwater Crew. The song book was edited by Don MacLean of “American Pie” fame and includes songs from many prominent folk artists.

Throughout his life, Bill was a political activist, wholeheartedly believing in service to community. To that end he was involved in the Liberal, and then the Working Families Party.

He also served for four years as Board Chair of IFCA, an affordable housing organization in Ossining that is still going strong. He will be missed, but his words of wisdom remain, as set forth in his Annual Report essay conclusion:

My advice to follow-on generations of Deep Springers: There are many ways to define and fulfill LL’s injunction to public service. What it takes to find them is an awareness of what’s happening around you. Study your surrounding community, its short-comings and its needs. Above all else: Seek truth in whatever you say or do, and when you find it, act on it. You can and will make a difference.

*Many thanks to Lisa Gibson for her help in preparing this piece.*



# Remembering Bill Turpin

Bill Turpin, DS55, passed away on July 13, 2023. After his time at Deep Springs, Bill transferred to the University of Virginia in Charlottesville, where he met his future wife, Delilah Little. He graduated from Virginia with a Bachelor's degree in Psychology. Bill later received a Master's degree in Experimental Psychology at Princeton University and then a PhD in Experimental Psychology at the University of Alabama in Tuscaloosa.

In the spring of 1957, the Student Body took a trip to the opera in San Francisco. A few years ago, Bill shared this photo which, according to Jack Newell, brought back "a truckload of memories." Throughout his life, Bill remained in touch with his classmates and the College. He will be missed.

*Below, L to R: Rich Haynie, Dave Hoople, John Schaefer, Ray Randolph, Bill Jensen, Tom Tywman, Bill Hoffman, Bill Turpin, Al Glathe (philosophy professor with broken arm), Ed Keonjiann, George Norman, Rick Voville, and Al Bush. Photo by Jack Newell*

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# Remembering Hanna Pitkin

Hanna Pitkin, an intellectual giant and dear friend of the Deep Springs College community, passed away on May 6, 2023. She was born in Berlin in 1931 to Jewish-German parents, who fled Nazi Germany, emigrating to the United States in 1938, where they settled in Los Angeles. Hanna completed her Ph.D in Political Science at UC Berkeley in 1961 and joined the faculty at Berkeley in 1966. She officially retired in 1997, but continued to be actively involved with students and scholars for many years. In line with her loyalty to certain things that were quiet, made of wood, and had no real technological components, Hanna rented the same apartment in Berkeley for close to 45 years, and walked the 20-plus blocks to her office on Campus.

As an academic, she won significant awards, including UC Berkeley's Distinguished Teaching Award in 1982. In 2003, Hanna received the Johan Skytte Prize in Political Science—often referred to as the Nobel Prize of Political Science—for her theoretical work on political representation. Her 1967 book “The Concept of Representation” remains influential today, with its four categories of political representation: formal, descriptive, symbolic, and substantive.

Hanna met her future husband and fellow Deep Springs faculty member, the late Jack Schaar, at UC Berkeley in the mid-1950's. The two started living together in the early 1970s, and were officially married in 1990. Both of them were frequent visitors to Deep Springs and were mainstays of the intellectual community for decades. Hanna's first time teaching at Deep Springs was during the Summer of 1989, when a coeducational Tel-

luride Association Summer Seminar was held at the College. Although relatively quiet about her feelings, Hanna would not teach for an institution that did not allow women.

Hanna's influence was immediate and also sustained. For alumni of a certain generation, discussions of Hanna Pitkin and Hannah Arendt require a moment of pause in order to mentally clarify who is being referenced. It is more often than not both of them, as many Deep Springers were first exposed to Arendt's writing through Hanna's teaching at the College. Arendt continues to be among the most-taught thinkers at Deep Springs. Hanna collaborated with and maintained lifelong friendships with other Deep Springs luminaries including Jeff Lustig, Sara Shumer, David Schuman, and Sharon Schuman.

Hanna was a formidable hiker and backpacker, and Sara Shumer was her most trusted adventure partner. Hanna's stepson, John Schaar, remembers Hanna and Sara cross country skiing together. “Sara had a wonderful cabin in the Sierra Nevada. There was no running water or electricity, but it had the best wood burning stoves. Jack, Hanna, Sara, and I would make annual ski trips and annual summer trips to the cabin.” John also recalls a time Hanna hiked from Cow Camp to the mouth of Wyman Canyon after losing her glasses and, for a considerable distance, completely drenched due to an early fall in a fast moving creek. According to John, being soaked was not a problem for Hanna, but “She was grumpy because she could not visually enjoy the country. She was not one to show a lot of emotion, but one of her favorite

views was of the Eastern Sierra Nevada from the White Mountains. And, she was very taken by the sounds of the Eureka Sand Dunes. I think everybody is.”

Hanna's objections to the all-male student body at Deep Springs and the end of any coeducational summer seminars led her to stop teaching at the College. Yet her Deep Springs faculty colleague Sharon Schuman remembers that Hanna became no less of a presence in the Valley. One day, sitting at the kitchen table, Hanna explained the extensive comments she had made on Sharon's manuscript that eventually became *Freedom and Dialogue in a Polarized World*. That day, she also said to Sharon, “I tried to write a book on freedom, but I had to give it up.”

Many of Hanna's students at Deep Springs later found academic careers in political science and related fields, while several of her students at Berkeley eventually found their way to Deep Springs as faculty members and guest speakers. Hanna's influence on Deep Springs College spans decades, and she leaves a legacy of academic rigor, personal humility, and joy in learning. When she died earlier this year, she left behind an unfinished manuscript on the subject of authority. How we would love to read that! She will be long remembered and dearly missed.

*Many thanks to Sharon Schuman and John Schaar for their help on this piece.*

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*Anna Zikova, Brian Hill, Gideon Berrie, Jacob  
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