There are many routes into conservation work. We are often presented with the following question: how do I obtain a paid job in conservation? Conservation work involves a wide range of skills, abilities, knowledge and characteristics (also called competences), and professionals often move into different positions throughout their careers. Even once in a paid position, the ongoing developments in our knowledge and understanding of conservation, coupled with technological innovations and rapid global change, make it imperative for professionals to regularly update their competences.

We initially set out to map which competences conservation professionals require. Soon after, we changed the course of our research, realising that a long list of competences would bring us limited insights, as no one professional can attain all competences during their career. Many other excellent initiatives have already mapped competences for protected area practitioners and for threatened species recovery. Instead, we sought to extrapolate those insights that could be beneficial to anyone working towards nature conservation goals, and help them answer: how do I
(or my organization) plan and decide on which professional development to dedicate my time, effort and money to?

Our findings, summarized in an effectiveness framework (Fig. 1), can help conservationists and organizations assess the quality of existing professional development initiatives and design such initiatives themselves. We used the term professional development to indicate the active process of growth and development an individual undertakes in their professional life across their entire career. It includes a range of approaches, activities and interventions, as well as the surrounding context and available resources that support this process.

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**Fig 1: Effectiveness framework for professional development, adapted from a framework for education (Campbell et al., 2017).** This framework comprises three higher-order themes and seven key components, indicating how higher level components encompass and set prerequisites for effective professional development. This framework is derived from interviews with 22 conservation professionals. Right: Staff training at Borneo Nature Foundation International, Sebangau National Park, Kalimantan, Indonesia. Photo: Susan Cheyne

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We conducted in-depth interviews with 22 conservationists of a total of 12 nationalities. They all had professional conservation work experience in high biodiversity countries where capacity and access to resources are limited (in Africa, Latin America and developing regions in Asia). We then examined what made professional development effective in their eyes and thematically analysed responses to identify commonalities (Fig. 1). Our findings revealed that very few of the professional development initiatives that our respondents had experienced or observed were data-driven and evidence-informed. Some even referred to these initiatives as tick box exercises with little or no follow up to check whether participants had actually learned anything. Our study contributes to building an evidence base to inform current and future professional development initiatives.
Lifelong learning is not a luxury when working in nature conservation: it is a necessity. There are opportunities that are available to conservation professionals. These, however, may not reach everyone in our global conservation workforce, especially those working in remote areas or in isolation, with limited means to connect with other experts. We argue that in our conservation workforce we should create and support a learner’s agency, and provide equal and inclusive opportunities and access to professional development, so that all who work towards nature conservation goals can perform their job to the best of their abilities whilst progressing in their desired career.

As one of our respondents shared, “Standardize evaluations to whatever extent is possible. Because otherwise we are spending all of our time tweaking, when we could be spending all of our time expanding our reach. So I think that’s very important and I think we need to share relentlessly.”

Help us distribute our findings across the global conservation workforce by sharing this open access research with your networks.

The article Professional development in conservation: an effectiveness framework is available in Oryx—The International Journal of Conservation.
Thirza Loffeld, Tatyana Humle, Susan Cheyne & Simon Black

Thirza Loffeld is the Community Manager at WildHub and Lecturer in conservation social science at the Durrell Institute of Conservation and Ecology, University of Kent, UK. She obtained her PhD on capacity development for conservation and advises on competency framework and gender equality projects.

Tatyana Humle is a Reader in conservation and primate behaviour at the Durrell Institute of Conservation and Ecology, University of Kent, UK. She is Executive committee member of the IUCN/Species Survival Commission group on Great Apes and Vice-President for Conservation at the International Primatological Society. Tatyana’s research is inter-disciplinary and aims primarily at better understanding and improving co-existence between people and wildlife and primate conservation in the context of local- and national-level development.

Dr Susan Cheyne is Co-Director of Borneo Nature Foundation International. She leads a team working on the conservation of primates and wild cats using camera-trap technology to understand the movement, distribution and conservation status of these threatened cats. As Vice-Chair of the IUCN Primate Specialist Group Section on Small Apes, Susan coordinates global efforts for conservation of gibbons.

Simon Black is Lecturer in conservation science at the Durrell Institute of Conservation and Ecology, University of Kent, UK. His core interests are conservation management, improvement and learning, informed by over 30 years as a researcher, manager, consultant, and educator which led to the development of the Conservation Excellence Model.