

**UNIVERSITY OF LOUISIANA
AT LAFAYETTE**

STEP Committee

Technology Fee Application

Anthropology Program & Ethnographic Research Lab

Title

Kathe Managan and Mark A. Rees

Name of Submitter
(Faculty or Staff Only)

Anthropology Program, UL Lafayette

Organization

Title: Assistant Professor Date: 1/17/23
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Department/College/Org: Anthropology/COLA/ULL

ABSTRACT (250 words or less):

The Anthropology Program needs updated technology for student research and education in the Anthropology Lab. The STEP computers currently in the Anthropology Lab are now more than 7 years old. These PCs will be replaced with two PCs and two iMacs that will provide students, including Anthropology majors and non-majors, with updated technology. One PC will be available to students at a STEP workstation in Mouton 109, where it will run an existing scanner and printer. The other PC will run a projector in Mouton 108 for courses such as Archaeology (ANTH 303), Forensic Anthropology (ANTH 430), and Seminar in Anthropology (ANTH 493). The two iMac desktops will be used with NVivo qualitative analysis for ethnographic and linguistic research.

New computers in the Anthropology Lab will offer students expanded opportunities to engage in linguistic and ethnographic research as part of the advance undergraduate student research initiative. This will involve data analysis and dissemination of research results as part of Linguistic Anthropology (ANTH 390), Research in Cultural Anthropology (ANTH 491), and Special Projects (ANTH 497 and 498). We are requesting two iMac desktop computers due to software needs and data sharing. NVivo qualitative analysis software offers Mac and Windows versions, but all members of the team must use the same format to work collaboratively. The instructor who mentors students in ethnographic and linguistic research uses a Mac. iMovie is also provided on Mac computers and is the preferred software for creating ethnographic videos and presenting data.

Instruction Sheet:

1. Complete the cover page.
2. Complete the abstract page.
3. Give a description of your proposal in 12 pt. font, single spaced, addressing the following points:
 - a. Purpose of grant and impact to student body as a whole:

The purpose of this grant is to update the STEP computers in the Anthropology Lab and to provide students access to NVivo software for qualitative analysis in ethnographic and linguistic research, under the guidance of Dr. Kathe Managan. Updated PCs are needed for student research and education in the Anthropology Lab. The STEP computers currently in the Anthropology Lab are now more than 7 years old. These PCs will be replaced with two PCs and two iMacs that will provide students, including Anthropology majors and non-majors, with updated technology. One PC will replace a 7-year old PC in the Anthropology Lab that runs an existing scanner and printer. This STEP workstation in Mouton 109 is available to students for research and coursework. The other PC will replace a 7-year old PC in Mouton 108, which runs a projector for courses such as Archaeology (ANTH 303), Forensic Anthropology (ANTH 430), and Seminar in Anthropology (ANTH 493).

Students in Linguistic Anthropology (ANTH 390), Research in Cultural Anthropology (ANTH 491), and Special Projects (ANTH 497 and 498) currently engage in a range of anthropological research, including ethnography, which involves the collection and analysis of qualitative data. NVivo is widely considered as the gold standard software for such data analysis. Access to this software will allow students to engage in high quality research and analysis and will provide them with useful job skills that will enhance their career options after graduation, in line with SLO-5 of the STEP Program Plan 2021-2026.

This grant will provide technology that will benefit all students who take anthropology courses in the Anthropology Lab, including majors and non-majors. It will provide students with opportunities to use the most common software for qualitative research, NVivo. This software allows researchers to compile data in a range of formats (including text, survey results, photographs, video and social media data) and analyze it collaboratively. While qualitative, ethnographic research is the cornerstone of cultural and linguistic anthropological research. Students in other social sciences and humanities fields, such as Sociology, English/Folklore, and History, also conduct qualitative research enabled by NVivo. To date, I know of no other access to this software on campus. The requested hardware also comes with iMovie, which is a useful and easy to use program for video editing. Students in ANTH 390, ANTH 491, and ANTH 497/498 are being trained to disseminate their research in a variety of formats, including video. ANTH 390, for instance, offers students the option to submit their final research project as a 10 – 15 minute educational video. The ability to edit videos is also a useful job skill that will enhance students' career options after graduation, in line with SLO-5 of the STEP Program Plan 2021-2026.

- b. Projected lifetime of enhancement: When a university purchases a license for NVivo, they are normally entitled to perpetual access to NVivo. The hardware (PCs and iMacs) can be expected to have a lifetime of up to 10 years before needing to be replaced or updated.
 - c. Person(s) responsible for
 - i. Implementation: Kathe Managan
 - ii. Installation: IT

- iii. Maintenance: IT
 - iv. Operation: Kathe Managan
 - v. Training (with qualifications): Kathe Managan (has already received training in use of NVivo)
 - vi. STEP Plan Alignment
- d. The narrative of the proposal must include the purpose and justification for each of the items listed in the Budget Proposal:

Updated PCs are needed for student research and education in the Anthropology Lab. The Anthropology Program last received a STEP grant six years ago, in the Spring of 2017 (STEP Proposal No. SP17-04). One PC and a projector were purchased with funds from that grant, along with software for 7 PCs that had been purchased with funds awarded from a previous STEP grant in 2015. Those PCs are now more than 7 years old.

This grant will replace those old PCs with 2 new PCs and 2 iMacs. One PC will replace a 7-year old PC that runs an existing scanner (HP Scanjet G3100) and printer (HP Laserjet Enterprise MS604). This STEP workstation in Mouton 109 will continue to be available to students for research and coursework. The other PC will replace a 7-year old PC in Mouton 108, which runs a projector. It will be used for courses such as Archaeology (ANTH 303), Forensic Anthropology (ANTH 430), and Seminar in Anthropology (ANTH 493). Anthropology majors and non-majors take these courses and will benefit from the updated technology.

The 2 iMacs will be used for ethnographic research in 109 Mouton. The purpose of this grant is to provide students access to NVivo software for qualitative analysis, to conduct ethnographic and linguistic research, under the guidance of Dr. Kathe Managan. We are requesting 2 iMacs, with an Apple M1 chip with 8-core CPU with 4 performance cores and 4 efficiency cores, 8-core GPU, and 16-core Neural Engine, 8GB unified memory, 512GB SSD storage, Two Thunderbolt / USB 4 ports. The rationale for requesting Mac computers is to be able to collaborate on projects. Dr. Managan works in on a Mac platform. Collaborating between Mac and Windows in NVivo requires all users be on the same platform. In addition, Mac computers come with iMovie software, which is a useful and easy to use program for video editing. Students in ANTH 390, ANTH 491 and ANTH 497/498 are being trained to disseminate their research in a variety of formats, including video. ANTH 390, for instance, offers students the option to submit their final research project as a 10 – 15 minute educational video. Students in ANTH 320 (Anthropology of Food) record data on food preparation and analyze it, then create an academic poster to present their results. The ability to edit videos is also a useful job skill that will enhance students' career options after graduation, in line with SLO-5 of the STEP Program Plan 2021-2026.

Students in ANTH 390, ANTH 491 and ANTH 497/498 currently engage in a range of anthropological research, including ethnography, which involves the collection and analysis of qualitative data. Students in other cultural and linguistic anthropology classes, such as ANTH 320 (Anthropology of Food) also engage in ethnographic research. In line with SLO-3 of the STEP Program Plan 2021-2026, this proposal seeks to create and maintain an effective learning environment that facilitates multiple instructional and learning styles. NVivo is widely considered as the gold standard software for such data analysis. This software allows researchers to compile data in a range of formats (including text, survey results, photographs, video and social media data) and analyze it collaboratively. Beyond those classes, this grant will provide students in the Sociology, Anthropology and Human

Development and Family Science Department an opportunity to use the most common software for qualitative research, NVivo. While qualitative, ethnographic research is the cornerstone of cultural and linguistic anthropological research, students in other social sciences and humanities fields, such as Sociology, English/Folklore, and History, also conduct the kind of qualitative research enabled by NVivo. Access to this software will allow students to engage in high quality research and analysis and will provide them with useful job skills that will enhance their career options after graduation, in line with SLO-5 of the STEP Program Plan 2021-2026. To date, I know of no other access to this software on campus. NVivo also provides tools to present data, which is helpful for students as they prepare their research for presentation at academic conferences.

4. Complete the Budget Proposal form.
5. Include any additional information relevant to your application.
6. Discuss all previous funded STEP projects (if any).

The Anthropology Program last received a STEP grant six years ago, in the Spring of 2017 (STEP Proposal No. SP17-04). One PC and a projector were purchased with funds from that grant, along with software for 7 PCs that had been purchased with funds awarded from a previous STEP grant in 2015. Those PCs are now more than 7 years old.

ONE ELECTRONIC COPY (Microsoft Word or Adobe PDF) OF PROPOSAL SHOULD BE EMAILED TO stepproposal@louisiana.edu BY DEADLINE DATE.

For additional submission instructions and deadlines, please visit <http://step.louisiana.edu>

NO HARD COPY SUBMISSIONS WILL BE ACCEPTED!

Budget Proposal

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|----|------------------|--|
| 1. | Equipment | \$ 3,198.00 (2 Mac desktops: iMac)
\$2,150.00 (2 Standard Dell PCs) |
| 2. | Software | \$1,698.00 (2 licenses for NVivo) |
| 3. | Supplies | |

4. Maintenance \$298 (3 Years Apple Care)

5. Personnel \$

6. Other \$

TOTAL: \$7,344.00