#### **Library Management**



# Collection development practices in private university libraries in Malawi: The case of University of Livingstonia and Adventist University Libraries

Journal:	Library Management
Manuscript ID:	LM-06-2013-0050.R1
Manuscript Type:	Research Paper
Keywords:	Collection development, funding, collection development activities, challenges, private university libraries, Malawi

SCHOLARONE™ Manuscripts

## Collection development practices in private university libraries in Malawi: The case of University of Livingstonia and Adventist University Libraries

#### Introduction

Collection development faces a number of challenges the world over. Some of the notable challenges as identified by Adekanmbi and Boadi (2008) are lack of constant training for librarians, inadequate staff for the libraries, lack of administrative support, and unavailability and non-use of collection development policies. Much as this is the case, finances are possibly the single biggest obstacle to the exercise. Akporhonor (2005) has written in agreement with this assertion when he says:

"Every library is supported by three legs – a building, its collections, and the staff. However, the tendons supporting these legs, and what ultimately binds them together, is money. Finance is at the heart of any enterprise, and if the library is to meet its objectives, money is a necessity. When funds are lacking, it is difficult to organize library services and the efficiency of services is bound to be adversely affected" (Akporhonor, 2005, p. 63).

Indeed money is at the centre-stage of library operations including collection development. One would have to look at events of the past few years to appreciate the important role money plays in library operations. The ongoing global economic meltdown, for instance, has affected libraries in various forms including collection development (Chaputula, 2011; Guarria and Wang, 2011; Nicholas et al., 2010). Much as financial constraints are faced world-wide, it should, however, be pointed out that the global economic crisis has just succeeded in aggravating a problem that already existed in many libraries, especially those in developing countries. A number of research findings (Mapulanga, 2011; Chaputula and Boadi; 2010; Kanyengo, 2009; Kavulya, 2006) have all pointed out that inadequate budgetary allocations had negatively impacted on collection development. These effects were evidenced by the sharp deterioration of the quality of the collection: most essential books were inadequate, outdated and sometimes not

found at all. Both electronic and print journals, which researchers crave for, were also in short supply. Internet facilities that provide an alternative source of accessing information resources were slow and erratic. All these challenges summed up to poor service delivery to clients.

#### **Background to the study**

Malawi has witnessed an exponential growth in the number of private universities over the past decade. The majority of them are faith-based. These include the University of Livingstonia and Adventist University.

University of Livingstonia is located in Northern Malawi, and was established on 27 August 2003. The University currently has a student population of 620, and an academic staff population of 34. Six undergraduate degree programmes are currently on offer that includes Education (Science and Humanities), Development Studies, Human Rights, Environmental Management, Computer Engineering, and Food Security and Nutrition. The library has a collection of 12, 400 volumes of books (Interview with University Management Staff, November, 2013)

The Malawi Adventist University was established in 2007 as an affiliated University of Eastern Africa, Baraton. The student numbers have not grown much ever-since, as it only has 339 students. Nevertheless, the course offering seem to be diversifying as the institution now offers degree programmes in Accounting, Marketing, Management, Literature, Theology, Business Studies, Agriculture and Agribusiness at undergraduate level. The University has 18 permanent academic members of staff who are assisted by several adjunct lecturers (Interview with University Management Staff, November, 2013). The library has 11, 000 volumes of books.

#### Literature review

The literature review covers a number of aspects related to collection development. These include funding, weeding, preservation, and challenges.

#### **Funding for collection development**

Currently, there is a dearth of literature regarding funding for collection development in private universities in Malawi, something that goes a long way in justifying the present study. However,

the situation is different on the part of public libraries. There are a number of research studies that have been undertaken on the subject that tend to inform us of current developments on the subject, some of which would be reviewed in this study.

#### (i) Public university libraries

Public university libraries both locally and internationally have tended to rely on their parent institutions to fund their collection development activities. Research studies done by Chaputula (2011), Mapulanga (2011), and Chaputula and Boadi (2010) have all shown that both of the country's public universities: University of Malawi and Mzuzu University, rely on government to fund a huge chunk of their budget. The two institutions in turn use the subvented resources to fund their libraries, some of which are ultimately used for collection development activities. However, Chaputula and Boadi (2010) have noted that financial resources allocated for collection development activities at University of Malawi's Chancellor College have over the years fallen below the recommended 6 percent threshold of the total recurrent institutional budget as recommended by the Association of College and Research Libraries, 1994. This implies that these libraries have not been adequately funded to enable them undertake collection development activities. However, a recent study done by Mapulanga (2011) covering all the five constituent colleges of the University of Malawi had noted that funding to the institution had improved significantly especially between 2007 to 2010. Nevertheless, this increase did little to change the overall state of the library collection which had sharply deteriorated in terms of quality after years of underfunding.

Studies done elsewhere tend to show a mixed picture. Whereas other libraries were grossly underfunded as was the case at the University of Zambia Medical Library (Kanyengo, 2009), others enjoyed sound financial backing as was the case at the Botswana Colleges of Education Libraries (Adekanmbi and Boadi, 2008) and federal university libraries in Nigeria (Akporhonor, 2005). Although this was the case, most of the libraries continue to experience problems in collection development irrespective of differences in terms of funding trends. Whilst some of them have blamed this on the absence of funds (University of Zambia Medical Library), others have attributed this to the absence of collection development policies and prudent

financial management practices (Botswana Colleges of Education Libraries). All these issues have conspired to undermine collection development efforts of these libraries.

Besides government subvention, university libraries also undertake a number of activities that earn them money which they use to finance their operations. Some of these activities are operational in nature whilst others are deliberate income generating initiatives. Some of the activities that fall under the former are overdue fines, photocopying charges, lost book replacement fines, etc., whilst activities that fall under the latter include endowments, consultancies, etc.

#### (ii) Private universities

Malawi has over the past decade experienced the birth of a number of private universities. The majority of these are owned by church institutions. On overall, very little worthwhile research studies have been conducted both locally and globally on the operations of private universities let alone collection development activities of their libraries. The only known research studies on the topic were done by Kasalu and Ojiambo (2012) in some private university libraries in Kenya. The study indicated that the majority of the libraries in this study were faring far much better when compared to some public university libraries in the African Region. Some of the major findings of this study indicated that the collection development budgets were largely adequate, something that had made it possible for the libraries to procure the required information resources. The libraries were also able to do a number of collection development activities such as conducting user needs analysis, evaluate the collection, and even weed it. Much as this was the case, the institutions also faced a number of minor challenges which included slow internet connectivity and slow delivery of orders.

#### Other collection development activities

Weeding and preservation are some of the other notable collection development activities that are undertaken in libraries. These two activities are interlinked as they complement each other in creating a vibrant collection. Weeding, although primarily driven by space shortages (Mix, 2010), among others it seeks to rid the library of outdated and irrelevant materials, duplicate

copies, etc. (Dubicki, 2008). The exercise, furthermore, aims at identifying materials that are in bad physical state for removal. Library materials deteriorate in state either because they are heavily used or sometimes because they are lying idle on the shelves hence gather dust or become mouldy. In either case, these materials are removed from the shelves and moved to storage or disposed off hence weeding or in the case of heavily used items taken to the bindery for repair or reformatting hence preservation. Weeding and preservation, therefore, combine to give the library the desirable look, and also enhances collection use as materials are easy to find on the shelves. In this way, user satisfaction is assured.

The desire to create more room for the ever-growing library collection, and the changing nature of library services as libraries reposition themselves to offer other specialised services, has been the main reason that has often times compelled libraries to engage in weeding of their collections. However, the changing nature (format) of library collections and evolving consumer tastes have emerged as other big factors. A number of research studies (Howard, 2007 and Zhang and Haslam, 2005) have shown that more users now prefer e-resources particularly e-journals more than print. E-resources are favoured by users mainly because they are able to provide round the clock accessibility from anywhere, hence more convenient to use (Woods and Ireland, 2008). E-books, just like e-journals, are becoming a preferred information resource to users something that has made book sellers and other key players in the book trade to respond accordingly. Dewan (2012), for instance, states that Amazon, a popular online book seller, in May 2011 announced that it was selling more e-books than print books, both hardcover and paperback. The implication is that this could change the nature of the library collection in the long term, and further impact on the weeding and preservation activities that are done in libraries.

#### **Collection development challenges**

Collection development in university libraries is faced with a number of challenges. Much as this is the case, limited finances tops the list. As a number of researchers (Chaputula and Boadi, 2010; Kanyengo, 2009; Kavulya, 2006; Akporhonor, 2005) have rightly pointed out, libraries, especially those that are affiliated to government institutions are grossly underfunded as a result of limited government subvention to their parent institutions. This problem which had been there for some time has been aggravated by the recent global economic crisis (Chaputula, 2011; Guarria and Wang, 2011; Nicholas et al., 2010). Consequently, this has frustrated collection

development practices in many libraries such that many libraries have been forced to scale down on monograph acquisitions and cancel huge numbers of journals. Libraries affected by this problem have to rely on book and journal donations to fill up the gap. Although private university libraries do not operate under the same conditions as public university libraries, it is nevertheless anticipated that they too could have their own financial resource challenges as this is a problem that affects different libraries the world over to varying degrees.

Though paramount, financial resource constraints are not the only challenge that libraries face. Libraries belonging to both private and public universities face the problem of network connectivity which has serious implications of collection use. Two recent studies: one done by Eni (2010) in Nigeria and another one done by Chaputula (2012) in Malawi have both shown that internet use by students in universities was high. However, students in the former and students and academic staff in the latter mostly relied on private/commercial internet cybercafés for internet access and use. This was done because internet in the university libraries, departments/faculties and university computer/ICT centers was grossly poor. These studies also established that there was a low level of use of e-journals. Although Harle (2010) has attributed this problem to the low research activity in universities, the impact of the poor ICT infrastructure cannot be ruled out. The level of ICT infrastructure in Malawi is not very impressive. There is a pronounced scarcity of computer hardware and software in most of the universities (Salanje, 2011). The state of internet connectivity across the country is also worrisome. This shows that libraries in this study are equally prone to these challenges.

Libraries in Malawi also face shortage of well-trained human resources. This problem has come about largely because of the inadequacy of financial resources. Lack of funds has resulted in institutions failing to send their staff for training. This entails that libraries are staffed by untrained staff, and sometimes staff with training that does not befit their positions. In other cases, library professionals take up other jobs in search of better incentives and working conditions. All this has affected the quality of collections in university libraries across the country hence deterioration in service delivery.

The literature review has shown that academic libraries that are affiliated to public institutions in Malawi and other parts of the world are not adequately funded. Inadequacy of

funding has affected collection development practices of the libraries concerned. Besides funding, academic libraries also face challenges relating to erratic internet connectivity, and shortage of well-trained human resources. However, the literature review gave very little insight into the operations of private university libraries in Malawi, and elsewhere because much of the research effort on this subject has focused mainly on public university libraries. The aim of this research, therefore, is to study collection development practices in some selected private university libraries in Malawi with special focus on University of Livingstonia Library and Adventist University Library. It is hoped that its findings will give an accurate picture of the situation on the ground which researchers, policy makers and Library and Information Science practitioners may confidently use in their professional and scholarly works. Most importantly, the research will bridge the information gap that currently exists. The study will attempt to answer the following questions:

- 1. What are the sources of funding for private university libraries in this study?
- 2. What impact has funding had on collection development activities of the private university libraries?
- 3. What are the other collection development activities that are undertaken by private university libraries in this study?
- 4. What collection development challenges do private university libraries face in Malawi?

### Methodology

This research employed a case study approach that made use of both quantitative and qualitative methods. The researcher personally collected data from the field whilst interview guides and self-administered questionnaires were used as data collection tools. Interviews were conducted with University Librarians of the two institutions. Self-administered questionnaires were administered to the Finance Officers and University Librarians of the institutions covered by the study to collect two types of data. Self-administered questionnaires administered to Finance Officers were used to collect financial statistics pertaining to budget figures and expenditure reports relating to library activities. On the other hand, self-administered questionnaires

administered to the University Librarians were used to collect data relating to monograph and print journal acquisition statistics, including computer hardware and other equipment related to collection use. Qualitative data was analysed thematically whilst quantitative data was analysed using Ms Excel.

#### **Analysis and discussion**

#### Sources of funding for private university libraries

Data collected from the interview conducted with the University Librarian of University of Livingstonia shows that the institution's library is funded by the parent institution. His counterpart from Adventist University gave a similar response, but was quick to say that the library also draws its funding from donor agencies, library fees from patrons and binding charges. Although the University Librarian of University of Livingstonia stated that the library is only funded by the parent institution, information collected in a separate self-completion questionnaire (see Table 4) shows that the library has over the past three years been able to expand the library, procure computers and furniture, etc., all with donor funds. This implies that donor funds are also another major source of funding for the institution. These findings are a reflection of common trends in other parts of the globe. Akporhonor (2005) noted that public university libraries in Africa use miscellaneous fees, library fees, grants, endowments, photocopying fees, etc., to generate financial resources to supplement those they got from their parent institutions. Chaputula (2011) had also noted internet service charges as another income generating measure among university libraries in Malawi.

After establishing sources of funding for the two institutions, the researcher wanted to find out whether these funds were adequate or not. The University Librarians of both institutions indicated, through the interviews conducted, that funding was inadequate. These findings were corroborated by data collected through another questionnaire administered to the Finance Officers of both universities. As shown in Table 1, library funding for University of Livingstonia has remained very low over the four year period (2008 – 2011). In fact, it hardly reached 1% between 2008 and 2010 but rose to 3% in 2011. The Association of College and Research

Libraries (1994) has recommended that 6 percent of the total college budget be spent on the procurement of library materials. This means that budget allocations to the University of Livingstonia Library were very low indeed. The low budgetary allocation implies that the institution could struggle to procure information resources and equipment it needs to thrive. Authorities at the Adventist University did not give actual budget figures but only gave percentages of the amount of money spent on books and other library equipment. The percentages given, however, show that the institution was doing far much better than University of Livingstonia Library. The University only failed to meet the 6% threshold in 2008 and 2009 after having budgetary allocations of 3% and 5% respectively but managed to surpass it in 2010 and 2011 with a 7% allocation in both years.

Findings of this study reflect those made by Chaputula (2011) and Chaputula and Boadi (2010). The former found out that a mixed picture existed in terms of funding to college libraries under the University of Malawi and Mzuzu University Library. Whilst most libraries such as the Polytechnic, College of Medicine, and Bunda College Libraries were poorly funded, only the Kamuzu College of Nursing Library and Mzuzu University Library were better funded. The latter found out that Chancellor College Library, another constituent college of the University of Malawi, was also seriously underfunded. These findings signify that the problem of underfunding existed both in public and private university libraries in Malawi. Nevertheless, these findings differed with those made by Kasalu and Ojiambo (2012). The two researchers found out that the majority of private university libraries in Kenya were faring far much better in terms of funding when compared to other public libraries in the African region. This had made it possible for them to procure requisite information resources.

Table 1. University and library budgets 2008 – 2012

Financial year	Budget type University of Livingstonia		<b>Adventist University</b>	
2008	Institutional budget	K48,099,343.79	-	
		(US\$ 115, 359.98)		
	Library funding	K198,000.00	-	
		(US\$474.88)		
	% of institutional budget	0.41%	3%	
2009	Institutional budget	K52,100,263.17	-	
		(US\$ 124,955.66)		
	Library funding	K325,177.12	-	
		(US\$ 779.89)		
	% of institutional budget	0.62%	5%	
2010	Institutional budget	K47,762,044.41	-	
		(US\$ 114551.01)		
	Library funding	K117,660.00	-	
		(US\$ 282.19)		
	% of institutional budget	0.25%	7%	
2011	Institutional budget	K50,925,912.52	-	
		(US\$ 122,139.13)		
	Library funding	K1,608,117.23	-	
		(US\$ 3856.86)		

% of institutional budget	3%	7%

**Source:** Budget figures as provided by Finance Officers of the University of Livingstonia

and The Adventist University.

**Note:** Authorities at the Adventist University only gave percentages of the amount of

money spent on books and other library equipment. They indicated that budget

figures are not disclosed to outsiders. It was, however, mentioned that the

University policy is to allocate 7% of the budget for book acquisitions but this

figure decreases if fewer resources are generated. Figures for 2012 were not given

by both institutions.

Note: One United States Dollar) 1 USD = 416.95 MWK (Source: Yahoo Currency

Converter, 4 December, 2013)

#### Impact of funding on collection development activities of the private university libraries

An analysis of data collected from the interviews conducted with the University Librarians of both University of Livingstonia and Adventist University shows that inadequacy of funding to both institutions had seriously affected a number of collection development activities. These include purchase of books, subscription to print and electronic journals, book binding and repair, and staff training. Much as this was the case, University of Livingstonia Library looks to be the one that was affected more when compared to Adventist University Library. The institution's Librarian indicated that inadequacy of funding had seriously affected purchase of books and staff training. Additionally, the institution was not able to subscribe to either print or electronic journals, and carry out book binding and repairs. Although the University Librarian of Adventist University indicated that the library was underfunded, the institution's collection development efforts were not affected in the same way as that of University of Livingstonia Library. This observation is made based on the fact that the institution was able to carry out a number of collection development activities which University of Livingstonia Library was unable to do. As

the University Librarian indicated, the library was "able to buy some core books for the courses taught but not much as it could". The Library was also "able to subscribe to some print journals like Harvard Business Review". The library had also registered some successes in staff training and book binding and repair, as it was able to send some of its staff on training and was also able to do spiral binding in the library respectively. The library's main failure, in as far as collection development is concerned, was its inability to subscribe to electronic journals because the University Librarian said "the cost is very huge".

In the foregoing discussion, it is evident that collection development efforts of Adventist University Library and University of Livingstonia Library were affected to varying degrees. Whilst the former was able to do some activities, the latter was struggling a lot. This could be attributed to the level of funding the two institutions were receiving. As it has already been discussed, Adventist University Library was better funded than University of Livingstonia Library (see Table 1). This clearly shows that funding is a critical factor to the success of the collection development exercise, and adds credence to Akporhonor (2005) assertions that:

"Finance is at the heart of any enterprise, and if the library is to meet its objectives, money is a necessity. When funds are lacking, it is difficult to organize library services and the efficiency of services is bound to be adversely affected" (Akporhonor, 2005, p. 63).

It is, therefore, important to ensure that libraries are better funded, for without sound finances, there is not much that the library can do.

An analysis of collection development statistics of books and print journals for both institutions further shows that inadequate funding indeed affected the two institutions differently. Overall, both institutions relied on book donations more than purchases. In total, University of Livingstonia Library purchased 2131 books and also received 20094 books through donations between 2008 and 2012. Adventist University Library, on the other hand, made book purchases totalling 696, and received 1962 books through donations (see Table 2). Although University of Livingstonia Library purchased more volumes of books (2131) over the study period when

compared to Adventist University Library (696), the latter had a higher percentage of book purchases over the same period (26.2%) than the former (9.6%). Print journal acquisition statistics presented in Table 3 present a similar picture. University of Livingstonia Library received a higher number of print journals through donations (171) when compared to Adventist University Library (23). However, worthy noting is the fact that University of Livingstonia Library did not subscribe to any print journals, an area in which the Adventist University Library performed better as it subscribed to more print journals (56) when compared to those it received through donations (23). Although the number of print journals subscribed to looks small in nominal terms, it implies that the institution was making efforts to move away from complete donor dependence. An analysis of other collection development related projects undertaken with donor assistance between 2008 and 2012 (see Table 4) also indicate that University of Livingstonia Library received more donor assistance in terms of project financing, including purchase of equipment and computers when compared to the Adventist University Library.

Data that has so far been discussed clearly shows that University of Livingstonia Library relies more on donor assistance when compared to Adventist University Library to carry out its collection development activities. This could be attributed to the inadequate budgetary allocations the institution was getting. Previous research studies have shown that there is a strong link between inadequate funding and heavy reliance on donor assistance. A study conducted by Chaputula and Boadi (2010) had revealed that inadequacy of funding at Chancellor College Library (University of Malawi) had seriously affected the library's collection development activities. This scenario forced the library to rely on donations and exchanges as the principal means of growing its collection. Another study conducted by Wang (2011) showed that budgetary constraints for the purchase of foreign language books had forced many Chinese libraries to rely on donations. The challenge with donations, however, is that the beneficiary institution does not get exactly what it wants and at the time when it needs it. This could have serious repercussions on service delivery resulting in the library failing to meet the needs of its users.

**Table 2: Collection development statistics of books** 

Financial year	Mode of acquisition	<b>University</b> of	Adventist University
		Livingstonia	Library
		Library	
		Library	
	Purchases	98	-
2008			
2000	Donations	1814	340
	Purchases	201	-
2009	Donations	5209	209
2010	Purchases	568	83
	Donations	6279	641
	Purchases	583	473
2011	Donations	5765	501
	Purchases	681	140
2012	Donations	1027	271

**Table 3: Collection development statistics of journals** 

Financial year	Mode of acquisition	University of Livingstonia Library	Adventist University Library
2008	Subscriptions	-	10
	Donations	40	3
	Subscriptions	-	10
2009	Donations	60	7
2010	Subscriptions	-	12
	Donations	32	5
	Subscriptions	-0/	12
2011	Donations	39	4
	Subscriptions	-	12
2012	Donations	-	4

Table 4: Other collection development related projects undertaken with donor assistance from 2008-2012

Financial	<b>Project details</b>	ls University		
year		University of Livingstonia	Adventist University	
2008	Project	-	-	
	Donor	-	-	
	Approximate cost	-0	-	
2009	Project	Expansion of library building	-	
	Donor	National Bank of Malawi	-	
	Approximate cost	K6,000,000	-	
2010	Project	Procurement of 4 flat desk top computers	Extension of the library building	
	Donor	University of Livingstonia Foundation based in the USA	Beit Trust	
	Approximate cost	US\$ 2, 500	K14, 000, 000	
2011	Project	-	-	
	Donor	-	-	
	Approximate cost	-	-	
2012	Project	Procurement of library equipment and furniture	-	
	Donor	Friends of University of Livingstonia based at the University of Strathclyde	-	

Approxim	ate cost US\$ 9, 000	-

# Other collection development activities undertaken by private university libraries in Malawi

Results of the interviews conducted with University Librarians of the two institutions revealed that both of them provide internet access to its patrons. University of Livingstonia Library provides the facility within its premises whilst Adventist University Library provides internet access in a separate building.

It is pleasing to note that both libraries in this study provide internet access. This is a welcome development considering the fact that studies are showing that information seekers are increasingly using electronic information resources the world over, and libraries and other players are taking steps to satisfy this demand (Dewan, 2012; Olorunsola and Adeleke, 2011). Although libraries in this study do not subscribe to electronic journals, library users would still be able to access open access journals and other free scholarly information resources that are available over the Internet. This could be used to supplement the print information resources which the two libraries provide. The only worrying development is that University Librarians of both institutions indicated that internet facilities at both institutions are not reliable. This could adversely affect use thereby denying patrons the benefits they derive from use of the facility. The other challenges both institutions face in providing internet access are shortage of computers, poor network infrastructure, persistent power outages, high cost of internet access, and lack of relevant ICT skills. Many of these challenges are familiar stories that are told by many players in the ICT sector not only in Africa but also other parts of the developing world.

Book binding and repair, and weeding are the other collection development activities that are undertaken at the Adventist University Library but not done at University of Livingstonia Library. The Adventist University Librarian indicated that weeding is done to remove some of the most outdated library materials, and those that are in bad state. His counterpart at

Livingstonia University Library stated that book binding and repair is not done because they lack relevant expertise whilst weeding is not carried out because of serious shortage of staff. The reason given for the library's failure to weed sounds plausible when one considers the fact that weeding is a labour intensive exercise which needs a lot of time to be thoroughly done.

#### Collection development challenges private university libraries face in Malawi

A number of collection development challenges have already emerged from the study. Possibly the single biggest challenge is that of inadequate funding. This has been considered to be the biggest challenge because it has far reaching implications. For instance, inadequate funding negatively impacted on the purchase of books, subscription to print and electronic journals, book binding and repair, and staff training. Unreliable internet connectivity was also seen to be a major challenge which both institutions faced. Besides the researcher identifying them as challenges that both institutions faced, the Adventist University Librarian and his counterpart at University of Livingstonia Library also mentioned these as the challenges which they faced through the interview. Apart from these challenges, the University of Livingstonia Librarian also indicated that the institution lacked properly trained staff and adequate numbers of books whilst the space in the library was also limited.

The institutions in this study have been in existence for less than ten years. Collection building which involves purchase of books, subscription to print and online journals and putting relevant infrastructure to facilitate access, is a costly exercise. So being relatively new institutions, it means that both of them required even more resources as they were starting from scratch. It is, therefore, not surprising to note that both institutions were facing the challenges that have been discussed because of the inadequate funding which they were getting.

#### **Conclusions**

This study was undertaken to determine collection development practices in some selected private university libraries in Malawi with special focus on University of Livingstonia Library and Adventist University Library. The study has revealed that both institutions were mainly funded by parent institutions, donor agencies and miscellaneous fees. The funding they got has largely been inadequate although it came out clearly that University of Livingstonia Library was

more affected than Adventist University Library. Inadequate funding had negatively impacted on the purchase of books, subscription to print journals and electronic journals, book binding and repair, and staff training, etc. Both institutions provided internet connectivity to their clients but the service was unreliable something which could have implications on collection use. Adventist University Library was able to carry out weeding and book repairs. University of Livingstonia Library, on the other hand, was unable to do any of these activities due to lack of personnel and relevant expertise.

The findings of the study clearly demonstrate that private university libraries in this study are struggling to sustain their operations due to financial constraints. It is, therefore, recommended that both institutions should intensify income generating activities such as carrying out consultancies, writing research grants applications, and forging partnerships with other charitable organisations. The institutions are also encouraged to join both local and regional consortia to ensure that they develop their collections in a cost sustainable way.

The study sheds light on the collection development practices of University of Livingstonia Library and Adventist University Library, and challenges facing them. Some of these findings mirror those of other libraries not only in this sector, but also public university libraries in the country. Suggestions on how the collection development challenges facing the two libraries could be tackled have been made. It is hoped that the suggestions made could benefit other libraries who find themselves in a similar situation, if implemented. The study findings could also inform future researchers venturing in the same field.

#### References

Adekanmbi, A.R. and Boadi, B.Y. (2008), "Problems of Developing Library Collections: a study of colleges of education libraries in Botswana", *Information Development*, Vol. 24 No. 4, pp. 275-288.

Akporhonor, B.A. (2005), "Library funding in Nigeria: past, present and future", *The Bottom Line: Managing Library Finances*, Vol. 18 No. 2, pp. 63-70.

Association of College and Research Libraries (1994), "Standards for Community, Junior, and Technical College Learning Resource Programs", available at: www.nacc.cc.al.us/sacs/ACRLstandards.pdf (accessed 7 March 2013).

Chaputula, A. and Boadi, B.Y. (2010), "Funding for collection development activities at Chancellor College Library, University of Malawi", *Collection Building*, Vol. 29 No. 4, pp. 142–147.

Chaputula, A.H. (2011), "Impact of the global economic crisis on academic libraries in Malawi: A case study of University of Malawi and Mzuzu University libraries", *Library Management*, Vol. 32 No. 8/9, pp. 565-578.

Chaputula, A.H. (2012), "State, adoption and use of ICTs by students and academic staff at Mzuzu University, Malawi", *Program: Electronic Library and Information Systems*, Vol. 46 No. 4, pp.

Dewan, P. (2012), "Are books becoming extinct in academic libraries?" *New Library World*, Vol. 113 No. 1/2, pp. 27-37.

Dubicki, E. (2008), "Weeding: facing the fears", *Collection Building*, Vol. 27 No. 4, pp. 132–135.

Eni, O.E. (2010), "Internet access and use: A study of undergraduate students in three Nigerian universities", *The Electronic Library*, Vol. 28 No. 4, pp. 555-567.

Guarria, C.I. and Wang, W. (2011), "The economic crisis and its effect on libraries", *New Library World*, Vol. 112 No. 5/6, pp. 199-214.

Harle, J. (2010), *Growing knowledge: Access to research in East and Southern Africa*, The Association of Commonwealth Universities: London.

Howard, V. (2007), "Collections 2007: Reinvigorating Collection Development and Management", *Collection Building*, Vol. 26 No. 4, pp. 135–136.

Kanyengo, C.M. (2009), "Meeting collection development needs in resource poor settings: the University of Zambia Medical Library experience", *Collection Building*, Vol. 28 No. 1, pp. 26–30.

Kasalu, S. and Ojiambo, J.B. (2012), "Application of ICTs in collection development in private university libraries in Kenya", *Collection Building*, Vol. 31 No. 1, pp. 23–31.

Kavulya, J.M. (2006), "Trends in funding of university libraries in Kenya: a survey", *The Bottom Line: Managing Library Finances*, Vol. 19 No. 1, pp. 22-30.

Mapulanga, P. (2011), "Effects of budgeting and funding on the provision of library and information services in the University of Malawi Libraries", *Performance Measurement and Metrics*, Vol. 12 No. 3, pp. 172-182.

Mix, V. (2010), "Documents journey through time: weeding a history", *Collection Building*, Vol. 29 No. 4, pp. 131–136.

Nicholas, D. et al., (2010), "The impact of the economic downturn on libraries: with special reference to university libraries", *The Journal of Academic Librarianship*, Vol. 36 No. 5, pp. 378-82.

Olorunsola, R. and Adeleke, A.A. (2011), "Electronic journals in Nigerian university libraries: the present situation and future possibilities", *Library Review*, Vol. 60 No. 7, pp. 588-598.

Salanje, G. (2011), Creating digital library collections: Prospects and challenges for libraries in Malawi. *Paper presented at the 2nd International Conference on African Digital Libraries and Archives (ICADLA-2)*, University of Witwatersrand, Johannesburg, South Africa, 14th – 18th November, 2011.

Wang, J. (2011), "Selecting foreign language books donated by Asia Foundation and Asian-US Bridge Foundation", *The Bottom Line: Managing Library Finances*, Vol. 24 No. 2, pp. 96 – 99.

Woods, B. and Ireland, M. (2008), "e-Book loans: an e-twist on a classic inter-lending service", *Inter-lending and Document Supply*, Vol. 36 No. 2, pp.105-115.

Zhang, X. and Haslam, M. (2005), "Movement toward a predominantly electronic journal collection", *Library Hi Tech*, Vol.23 No. 1, pp. 82-89.