



Editorial



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Open Access initiative advocates for the removal of all access barriers to knowledge and information meant to be shared to all across the divide for the enhancement and enrichment of the learning process. The sharing element was seen as unifying mankind. (JL Maenzanise, Librarian at HIT)

HIT Library enters the fray this year bring awareness of OA issues to the HIT and communities surrounding the Institute.

OA literature is mostly digital and available online free of charge thus has no copyright restrictions and licensing barriers. All needed for delivery of the literature is the author's or copyright holder's consent as well as the Internet. This, however, does not compromise quality of articles delivered as major OA journal publishers insist on articles being subjected to peer review rigor.

Peer review, manuscript preparation and server space make OA journals not free to produce. These production costs have to be met but in ways that do not create access barriers. Thus charging readers as is the case with subscription journals, is not an option in OA delivery of articles. Some OA journal publishers have a publication fee paid upfront for each article entry but would allow free access. Some receive support from

sponsors or their parent institutions and do not charge processing fees. Others waive publication fees for all members of an institution that would have acquired an annual membership with them.

The building of OAI archives or repositories that are interoperable (comply with the metadata harvesting protocol of OAI) is the other way of delivering OA to research articles. Many universities have built OAI compliant repositories, known as Institutional Repositories with some even at discipline level. The HIT Library's HITScholar is one such repository at Institutional level. Such repositories can contain both refereed postprints and unrefereed preprints thus repositories do not perform peer review like OA journals. They allow free access to their contents.



Driving Awareness and Adoption of Open Access in HIT





Celebrating Open Access Week at HIT



The 2013 Open Access (OA) week at HIT was quite a memorable event and indeed presented opportunities for librarians to renew their relevance in the Institute. Barriers that may have existed between the library and some departments were broken and librarians were able to relate to those departments once more, all because of the OA global event. The event, somehow, renewed librarians' courage/ boldness in approaching some sections of the Institute which they may have not gone to had it not been of the OA event. We wore nice, white, round neck t-shirts with visible OA labels throughout the week which made us look new to the whole HIT Community.

Every corner that Team members went to, they were welcomed and given a listening ear. We felt expected, wanted, needed, loved, appreciated and above all respected because of the tidings that we were bringing to people:

Open Access to the much sought for, knowledge and information for research and development.

The use of an order bike adopted from the ice cream vendor concept was something the community least expected in the awareness campaign. It was quite innovative and did not only attract attention, but also a lot of interest in what was happening in the Institute. Site of the lovely decorated bike matched with the rider wearing a nice white round neck t-shirt with visible OA labels was enough to stop everyone in his/her tracks. Staff and students alike would stop the librarians to ask the meaning of the bike, the regalia worn and the significance of it all. Before they knew it they were already receiving some OA presentations. Staff took turns to either cycle or push the order bike during the rounds. Students could not hide their joy to see the Deputy Librarian cycling around campus talking to them about the OA issues which apparently were of interest to them. Some expressed, "Sir, we did not know that you can and have the guts to ride a bicycle,

not a sport or mountain bike but oh! oh! look! it is an order bike! Photos and photos check on the next article, "OA in pictures at HIT"

Most students were reached during their breaks at tea time, lunch time and in also in between lectures. Everyone was receptive to the OA talks including both teaching and non-teaching staff some of whom quickly arranged platforms for Team members to present. Flyers and brochures were delivered to all by bicycle. OA buttons were also distributed. Senior members of staff in the Institute among them The Vice Chancellor, Registrar, Finance Director and Deans received t-shirts.

The awareness campaign took Team Library to Belvedere Teachers and Technical College (BTTC) where OA talks, brochures, flyers and buttons were handed out to students and staff. The HIT Librarian was part of the team that took OA to BTTC.

The biggest and overall opportunity that the event presented was that librarians were able to renew their relevance to the HIT Community they serve.



Of Predatory OA Publishers



One of our esteemed researchers, Professor Tichagwa identified and revealed to the Library what may be called 'disruptive innovation' that was used to gauge the authenticity and validity of some of the renowned Open Access Publishers and Open Access Journals. It can be admitted this was quite an ingenious way of assessing and evaluating how OA publishers and journals are undertaking serious peer-review process with the highest quality and ethical standards, demanding highest standards of academic rigour and scientific inquiry. Please read the ingenious investigation herewith attached.

Another avid researcher, Mr Govere, also identified efforts that have been made to 'fish out' and publicise what are being referred to as 'Predatory Publishers', more akin to piranha publishers, who are preying on unsuspecting researchers. This list is of great use and value to researchers so you can guard against OA Journals that are out to make money out of unsuspecting researchers. Use this link to identify bogus publishers and OA Journals before submitting your research papers: <http://scholarlyoa.com/2012/12/06/bealls-list-of-predatory-publishers-2013/>.

The Library also set about to establish from OA experts how OA publishing and OA journals is assuring the researchers of the highest quality standards. The following are some findings that would also help build confidence in OA publishing and OA journals and reassure researchers on how OA Publishers and OA Journals are maintaining high quality standards:

1. See recommendations from Ten years on from the Budapest Open Access Initiative: Setting the default to open (<http://www.budapestopenaccessinitiative.org/boa-i-10-recommendations>):
2. As a way of evaluating a new or unknown open access publisher or open access journal, it is recommended that researchers consult the **Open Access Scholarly Publishers Association (OASPA)** and its code of conduct. Members of the association are screened according to this code. The list of organizations and individuals that are recognized as Members of OASPA is found at: <http://oaspa.org/membership/members/>.
3. The Directory of Open Access Journals (DOAJ) also has plans to introduce new selection criteria that will address the quality of a journal. This criterion is titled **QUALITY AND TRANSPARENCY OF THE EDITORIAL PROCESS**. It includes the following quality criteria:
 - The journal must have an editor or an editorial board all members must be easily identified (the URL of the Editor or Editorial Board page should be provided);
 - The journal should provide a specification of the review process:

Editorial review, Peer review, Blind peer review, Double blind peer review, Other (specify);

- Statements about aims & scope should be clearly visible (the URL of this page should be provided);
- Instructions to authors shall be available and easily located (the URL of this page should be provided);
- Does the journal have a policy of screening for plagiarism? If 'Yes', then the link to relevant information should be provided;
- Time from submission to publication; and
- The average number of weeks between submission and publications should be provided.

4. When the above criteria are implemented, DOAJ could also be a good tool to check the quality of the journals.

We hope the above measures would help reassure researchers on the quality of OA Publishers and OA Journals so that you are better positioned to guard against the BOGUS OA publishers and OA journals that are out to fleece your valuable scientific research and milk you of your hard earned monies.

Thank you.
JL Maenzanise



OA Week Celebrations in Pictures at H9J



The Bike



Team Library



Senior Assist. Librarian
one-two testing



Deputy Librarian on OA
campaign trail



Senior Lib. Assistants
present OA to Students



Productive Week for
Librarians



Team Library ready for
the OA road shows



From HIT to Belvedere
Teachers College



Team chats OA to
student teachers at BTC



They want to hear
more. Tell them.



Face to face on OA
issues.



She has been
convinced and now



Them, too begin to
support OA



Discussing OA with
fellow Librarians at BTC



HIT Librarian(right) chats
to BTC Librarian



Deputy Librarian and
SRC President, HIT



Publish or Perish: Dr Muredzi's Journey to Stardom



The excitement of having secured a job as a lecturer at a renowned and only university in Zimbabwe, then, was short lived when young Perkins Muredzi was called into Dr Mutukumira's Office, his Chairperson, and was asked what progress he had made with an article the Chairperson had asked to write for publishing. "Dr Mutukumira, I am already a lecturer here and I am not sure if I have to that right away after all, I am not ready for another job because I am not done with lecturing yet", replied Perkins with all the confidence. The Chairperson politely, but firmly without mincing his words said, "Young man you have just stepped on the starting line of a very long journey in your life as an academic. If you are serious about participating and becoming someone in life, in this field as a lecturer, you either publish or you perish."

However, I, Dr Mutukumira, as Chairman of this department am not going to let you off the hook just because you are new, never. Now go back to your office and start to work. I want the article written within two weeks!"

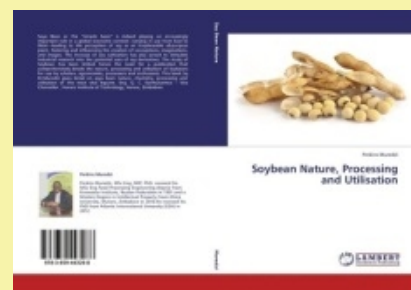
Perkins Muredzi just stood there, motionless as his new world began to crumble before him. Suddenly being a lecturer was not as rosy as he thought. He was still very green and it never occurred to him that academia could demand so early. How was he supposed to come up with an article

worth publishing, late alone in a refereed scientific journal! Oh! My God what have I got myself into? He felt exhausted as he tried to match his experience with the mammoth task ahead of him. He had been given ample time to write this article, but he had played truant and thought that the issue would just die a natural death. Now there stood Dr Mutukumira with angry blood shot eyes threatening his career, "Its either you publish or you perish"

He strolled back to his office, sat behind his desk, took a pen and gazed at a blank paper and he laughed at himself in disbelief because he was aware of his limitations. He was not a writer and was convinced he couldn't accomplish the task. His mind froze as he replayed the encounter with his boss and he realised that the issue was irreversible. It had to be done and by him. There was no way out. He had to summon all the energy reserves in his body and braced himself to write or he would soon find himself in the streets looking for another job.

He thus braced himself for a second attempt. When he returned to Dr Mutukumira, he was shocked to see his eyes lighting up in excitement and he stretched his hand to shake his.

He could not believe his ears as he heard his booming and jovial voice telling him, "Now you have done it, do these few corrections and fly high." He complied and corrected it accordingly. He was asked to send it to South Africa where a call for papers for the Test and Measurement Conference had been made. Within a short space of time he received communication that his paper had been accepted and was requested to come and present. Dr Mutukumira arranged some funding for him from renowned sponsors. The University also complimented with its contribution and suddenly young Perkins's purse was fat. He flew to South Africa to present the paper which was then published in a refereed scientific journal. Thus the journey in the publishing industry commenced for him and he has thus presented many papers, published a lot of journal articles and written a number of books.





Publish or Perish (continued from p.4)



Today, Dr Muredzi is not only publishing, but he is also peer reviewing research articles for journal publications. He has recently been awarded a certificate for reviewing papers by the International Journal of Nutrition of Food Science (IJFNS) P.G Sciences Publishing Group. As a young, vibrant lecturer at University of Zimbabwe, Dr Muredzi never dreamt of himself one day as a renowned author who would boast of having published a series of journal articles and books.

Dr Muredzi has not looked back on publishing ever since his first publication by CBH Publishers in the USA. The book has received international accolades from renowned professors like R.P Singh. He has published five more books with Lambert Academic Publishers within the year of 2013 alone, a feat which few academics have been able to achieve. He continues to write and already has two manuscripts ready for publication in 2014.

He is accredited for designing the current ZIMSEC syllabus for A level food science and has written the text book which has been approved by the Ministry of Education and will soon be published and used in our secondary schools.

Dr Perkins Muredzi has developed his skills from a humble Teaching Assistant to being a Dean of Academic Programmes, Executive Dean of School of Industrial Sciences and Technology, Chairperson of the Research Board, Chairman of Food Committee, Chairman of School Planning Committee, Chairman of School Board, Chairman of University Affiliation and Association

Committee, Chairman of Disciplinary Committee, Chairman of University Database and Information System Committee in the Harare Institute of Technology. Apart from local participation in decision making bodies, Dr Muredzi has also participated in External Organisations on the basis of professional qualifications. He is a member of the International Union of Food Scientists (IUFOST), a member of the European Union of Food Scientists (EFFOST), member of the Institute of Food Science and Technology (IFT), and Chairman/President Association of Russian Trained Professionals Zimbabwean Chapter.

Book Publications by Dr Perkins Muredzi



Book Title: Designing a continuous conveyor oven drier for corn snacks

Publisher: Lambert Academic Publishers (Germany)

Availability: Amazon.co.uk; The Democracy Institute (Zimbabwe); Zakheni-Ikageng Book & Stationery Distributors (SA); Ilitha Publishers (SA)

Short Selling Review: This book is a compilation or concise report on the work done by researchers from the Harare Institute of Technology in designing a continuous conveyor oven dryer for corn snacks earmarked for the food industry. This project sought to design a continuous dryer for the drying and conditioning of corn snacks in order to attain textural crispiness and the required moisture content of 3 % and below as required by the quality specifications.



Book Title: Isolation of citric acid producing *Aspergillus niger* strains

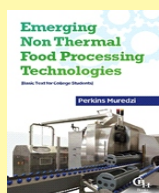
Publisher: Lambert Academic Publishers (Germany)

Availability: Amazon.co.uk; The Democracy Institute (Zimbabwe); Zakheni-Ikageng Book & Stationery Distributors (SA); Ilitha Publishers (SA)

Short Selling Review: Citric acid is one of the major ingredients in food, beverages, pharmaceutical preparations and detergents. This book is a compilation or concise report on the research work done by researchers from the Harare Institute of Technology, Bindura University of Science Education, University of Zimbabwe and the National University of Science and Technology in isolating citric acid producing *Aspergillus niger* strains from Zimbabwean selected sources.



Book Publications by Dr Perkins Muredzi (cont.)



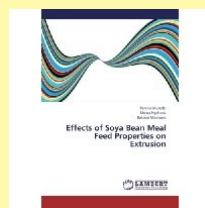
Book Title: Emerging Non Thermal Food Processing Technologies: (Basic Text for College Students)
Publisher: CBH Publishers (USA)
Availability: Amazon.co.uk

Short Selling Review: Book serves as an answer to food industry's quest for alternative technologies capable of inactivating micro-organisms at temperatures below those used during thermal processing. It is about Non-thermal food processing techniques that are receiving considerable attention because of their potential for quality and safety improvement of food. The book is recommended for use by students studying food science and technology and related disciplines.



Book Title: Food is Medicine - An Introduction to Nutraceuticals
Publisher: Lambert Academic Publishers (Germany)
Availability: Amazon.co.uk ; The Democracy Institute (Zimbabwe); Zakheni-Ikageng Book & Stationery Distributors (SA); Ilitha Publishers (SA)
Short Selling Review: The book serves as an introduction to new area of

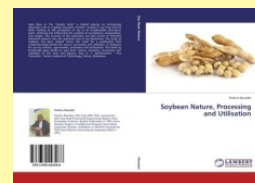
nutraceuticals; food products that claim to prevent chronic diseases, improve health, delay the aging process, and/or increase life expectancy. Students and scholars studying pharmaceutical sciences and related disciplines will find this book vital to their studies.



Book Title: Effects of Soya Bean Meal Feed Properties on Extrusion
Publisher: Lambert Academic Publishers (Germany)
Availability: Amazon.co.uk ; The Democracy Institute (Zimbabwe); Zakheni-Ikageng Book & Stationery Distributors (SA); Ilitha Publishers (SA)

Short Selling Review: Extrusion processing of food materials has become an increasingly important manufacturing method, and its applications have broadened substantially in the past two decades. From the point of view of transport phenomena, extrusion processing can be thought of as a combination of several processes, including fluid flow, heat and mass transfer, mixing, shearing, particle size reduction, melting, texturizing, caramelising, plasticising, shaping, and forming. Depending upon the product, one or many of these processes will take place in an extruder. This book is a compilation or concise report on the research work done by researchers from the Harare Institute of Technology as a contribution

on the optimization of extrusion process by determining the effects of feed properties on extrusion failures and implementing a solution



Book Title: Soybean nature, processing and utilisation
Publisher: Lambert Academic Publishers (Germany)
Availability: Amazon.co.uk ; The Democracy Institute (Zimbabwe); Zakheni-Ikageng Book & Stationery Distributors (SA); Ilitha Publishers (SA)

Short Selling Review: Soya Bean or the "miracle bean" is indeed playing an increasingly important role in a global economic context—varying in use from East to West—leading to the perception of soy as an irreplaceable all-purpose plant, fostering and influencing the creation of conceptions, imaginations, and images. The increase of soy cultivation has also served to stimulate industrial research into the potential uses of soy derivatives. The study of Soybean has been limited hence the need for a publication that comprehensively details the nature, processing and utilisation of Soybeans for use by scholars, agronomists, processors and enthusiasts. This book by Dr.Muredzi gives detail on soya bean nature, chemistry, processing and utilisation of this most vital legume.



Thoughtful: Mr A Makasi

The man in not knew to HIT having been with the institution as a lecturer before the institution was born again to be a degree awarding institution; Harare Institute of Technology in 2005. His back with HIT once more as a lecturer in the Technopreneurship Development Centre (TDC) responsible for Technopreneurship courses in the Centre. His field of practice once took him across oceans and landed him in the USA where he had a rarest opportunity of meeting the author of the only book he has been using to lecture in the Institute, Mr David Stokes. There were other authors whose works were in the same field Mr Stokes wrote. It dawned on Mr Makasi that he had to engage in a focused conversation and see if he can come out with some other sources of information or newer editions that he could grab to enhance his lectures back at HIT. He capitalised on this opportunity and found himself talking face to face with authors of the books he could use back home. Mr Makasi did not waste time. He bought six volumes composed of four different titles of books. The titles included the following:

1. Discovery-driven growth.../ R G McGrath and I C MacMillan
2. The entrepreneurial mindset.../ R G McGrath and I C MacMillan
3. Market busters.../ R G McGrath and I C MacMillan

4. The end of competitive advantage.../ R G McGrath and I C MacMillan

Mr Makasi was determined to bring them home at all cost and he did just that. His objective was noble so he had no problems with immigration.



New as they were Mr Makasi donated all six volumes to the HIT Library!! The Librarian arranged a handover ceremony which was attended by Mr Makasi, himself, Mr Mkhali a colleague in the Centre, the Deputy Librarian and the Subject Liaison Librarian for the Centre, Miss Margareth Chiumbe. LIS is very grateful to Mr Makasi for the donation. It was very thoughtful and kind of you Mr Makasi. The books are going to go a long way in addressing shortage of appropriate texts in this area of study; Technopreneurship. The students will benefit and will be grateful ever for having variety in their discipline. Indeed relying on one relevant author was not balanced. We thank you and may your colleagues in the Institute do likewise.



About Mr. A. Makasi

Mr Makasi lectures Technopreneurship courses in the Technopreneurship Development Centre (TDC at HIT. He has over 6 years University lectureship experience and 15 years industrial working experience in the public and private sectors in Zimbabwe in various capacities. He is a regular columnist in the Marketers Association of Zimbabwe (MAZ's) magazine, The ZimMarketer, writing informative articles on marketing matters. Perhaps, his most popular article: "Marketing: the missing chair in our boardrooms" which appeared in many newspapers and magazines in 2011, helped to demonstrate his passion and deeper understanding of the discipline of marketing. He is a holder of a Bachelor of Business Administration degree in Marketing, (RSA); a Master of Science Degree in Marketing (NUST, Zim); a full IMM Graduate Diploma in Marketing. He is in the final stages of his PhD studies (in Marketing) with the University of KwaZulu – Natal (RSA).

