

Library Bulletin

A monthly publication of LRC

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News Corner

The Nation publishes columns by Ahmad Sohail:

Ahmad Sohail, coordinator LRC and the editor of Library bulletin, contributed articles in national English daily "The nation". He has also contributed articles to different English dailies of Pakistan. Developing write ups and holding business communication are major areas of his job description at LRC.

The links of the articles are hereunder:

1. <http://www.nation.com.pk/pakistan-news-newspaper-daily-english-online/columns/06-Jul-2013/doha-talks-giving-peace-a-chance>
2. <http://www.nation.com.pk/pakistan-news-newspaper-daily-english-online/columns/21-Jun-2013/power-corridors>



Selected Article

Higher education /by Javaid R Laghari

06th June, 2013

To really find out how a country is going to do in the 21st century, one need not count its oil reserves or natural resources but its highly effective teachers, committed students and dedicated researchers. Knowledge and skills have become the global currency of 21st century economies, and countries will have to decide how much they want to invest in higher education.

The higher education sector faces multiple challenges worldwide. However, the Higher Education Commission (HEC) of Pakistan has kept abreast of all global developments and has taken measures to improve the quality and relevance of education and research at universities. It has made tremendous progress despite constraints in funding by the former government to curtail its autonomy.

The first challenge it faces is increasing equitable access to higher education. Enrolment in universities is now increasing at an average of 15-20 percent a year. This goes to show how starved our nation is for higher education. In the last 10 years, the number of HEC-recognised universities in Pakistan has increased from 98 to 146, while the enrolment has quadrupled from 276,000 to over a million.

Today there are universities, or their campuses, in all corners of Pakistan from Lasbela to Shringal. However, despite an increase in the accessibility to higher education from three percent to over eight percent we are still significantly below other emerging economies like Malaysia and Turkey.

Growth is only possible if the government provides sustainable resources to the public sector and facilitation to the private sector. Otherwise, millions may not be able to achieve liberal education and a means to upward economic mobility in a country where half the population is below the age of 18, and 40 percent live below the poverty line. The goal of the present democratic government is to further increase the accessibility to higher education by 2020.

The second challenge is to improve the quality of education. Eighty-four quality enhancement cells (QECs) have already been established at universities (40 in the last two years alone), and another 60 will be established by the end of the current year. These will monitor the in-house quality as well as work with the QA Division at the HEC to effectively enhance quality at universities.

Institutional performance evaluations (IPEs) have been introduced in the last two years which will improve governance as well. The rating criteria for private universities have been considerably enhanced recently, and as a result, today there are no substandard universities in Pakistan.

Simultaneously, the criterion to establish new universities in the private sector has now been rationalised to enable more universities to be established for an increased equitable access without compromising on quality. The HEC is also working with the provincial governments to improve quality and relevance of education at the degree colleges as well.

Broad-bandwidth Internet connectivity is now available in 183 institutions, and is being expanded to over 600 colleges that are under provincial governments. State-of-the-art video-conferencing facilities are available at 79 universities, and over 2500 events have already taken place.

The HEC has ensured that a digital library and archives are available online to all students in Pakistan with a database of over 10,000 e-journals, 65,000 e-books, and over 7000 PhD theses. Campus management solutions have already been implemented at eight universities with more to follow.

The third challenge is enhanced and relevant research. The number of PhD faculty and students in universities has more than doubled in the last four years alone. However, despite this increase, only 25 percent of the faculty have PhD degrees. The target is to increase it to over 40 percent by 2020. To reach that goal, another 10,000 PhDs will be required over the next five years.

Currently over 1000 PhDs are being awarded every year from Pakistani universities, from a low of 600 four years back. As a result of this increased capacity and quality, Pakistan has had a phenomenal increase in research over the last few years, producing over 6200 publications in 2011. According to SCImago research Pakistan's research ranking globally will accelerate ahead from 43 to 27 by 2018 which is the second highest increase worldwide.

A spirit of outreach and entrepreneurship is also being inculcated in our universities. 26 offices of research, innovation and commercialisation (ORICs) and eight business and technology incubators have been established at our leading research universities in the last three years alone in order to bridge the gap between universities and the industry, while the first science and technology park is on the anvil. As a result of these initiatives, high technology exports from Pakistan may exceed \$10 billion over the next five years.

At the World Economic Forum 2013, Pakistan's score on the higher education indicator of the Global Competitiveness Index surged significantly ahead. According to Lancet, a well-known research journal, "HEC reforms have changed the culture of academia to one that has focused on research, quality and impact". Six Pakistani universities now rank among the top 300 Asian universities in the world, where none existed a few years ago.

We have finally started to get a return on our investment in higher education. A significant human resource has been developed, knowledge capital has been created, and processes and systems have gained strength. All stakeholders, including the government, must now move forward collectively to further strengthen this institution.

Courtesy to The News

UMT Digital Resources



Taylor & Francis is internationally acclaimed for its high-quality, peer-reviewed research, covering physical and biological science, mathematics, engineering, and computer science. Taylor & Francis is an Informa business. Informa is a multinational information provider for the academic, professional and commercial markets with offices in over 40 countries. It partners with researchers, scholarly societies, universities and libraries worldwide to bring knowledge to life. As one of the world's leading publishers of scholarly journals, books, e-Books and reference works our content spans all areas of Humanities, Social Sciences, Behavioral Sciences, Science and Technology. It covers more than 1,700 journals and over 3,600 new books each year, with a books backlist in excess of 50,000 specialist titles.

Key Brands

Routledge is a world famous name in academic and professional books, journals and online resources relating largely to the humanities, social sciences, the Built Environment and Sustainability.

Garland Science is renowned for the quality of their textbooks and multimedia for the life sciences, biophysics, and chemistry.

CRC Press specializes in biology, medicine, environmental science, engineering, business, mathematics and statistics books.

Getting Started With:

Go to the library website: <http://library.umd.edu.pk/> and select the database you want from the Digital Resources (menu on middle of the screen) or simply click @ <http://www.tandfonline.com/>

Expert Search Window with Subject Coverage

Search

Advanced and citation search

Browse by subject

» Area Studies (172)	» Education (246)	» Law (45)
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» Behavioral Sciences (252)	» Environment & Agriculture (180)	» Museum and Heritage Studies (12)
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» Earth Sciences (80)	» Information Science (54)	» Urban Studies (39)
» Economics, Finance, Business & Industry (249)	» Language & Literature (79)	

Advanced search overview

Advanced Search offers more detailed searching, allowing you to set detailed parameters for your search, such as limiting it to a certain article/chapter title, publication name, author, or keyword(s), as well as giving you the option to set a particular date range and incorporate Boolean operators (AND/OR/NOT) into your search. In addition, you can run citation searches and save searches, and request alerts for new results for the search(es) you have saved. To help widen your search you can also opt to enable stemming. Please note that the mobile-optimized website does not enable stemming. Results will differ with or without stemming enabled. For advance and citation search Click on the link circled in the fig above. The following window will be opened.

The screenshot displays the Advanced Search interface, divided into two main panels. The left panel, titled 'Search Criteria', includes checkboxes for 'Journals' and 'Reference works', radio buttons for 'All Content' and 'Only content I have full access to', and several text input fields for 'Search Everything', 'Article Title', 'Publication Title', 'Author', 'ISSN / DOI', 'Abstract', and 'Keywords'. Each of these fields has an 'AND' dropdown menu. The right panel, titled 'Citation Search', features a 'Journal Title' input field, and 'Volume', 'Issue', and 'Start page' input fields, each followed by a 'Search' button. Below these are sections for 'Publication Date' (with radio buttons for 'All Dates', 'Last Week', 'Last 3 Months', 'Last 6 Months', and 'Last Year', and a date range selector), 'Filter by Imprint' (with checkboxes for 'Taylor & Francis' and 'Routledge'), and 'Subject Area' (with a button labeled 'Modify search area criteria' circled in pink). A large 'Search' button is located at the bottom left of the interface.

Limiting a search by Subject

By clicking the button circled with pink color, one can also limit his/her search by subject.

Limiting a search by Database

The screenshot shows a search interface with the following sections:

- Databases**: A dropdown menu.
- Search Criteria**: A section with multiple search fields, each with an "AND" dropdown:
 - Search Everything: Enter Text
 - Article/Chapter Title: Enter Text
 - Source Publication Title: Enter Text
 - Author: Enter Text
 - ISSN / DOI: Enter Text
 - Abstract: Enter Text
 - Keywords: Enter Text
- Publication Date**:
 - Radio buttons for: All Dates, Last Week, Last 3 Months, Last 6 Months, Last Year.
 - From: Day, Month, Year. To: Day, Month, Year.
- Filter by Database**:
 - ☒ ERA EDUCATIONAL ONLINE RESEARCH ABSTRACTS: Education Research Abstracts Online
 - ☒ SRHE Research into Higher Education Abstracts
 - ☒ SWGA Studies on Women & Gender Abstracts
- Subject Area**:
 - All ERA Subjects Areas
 - All SRHE Subjects Areas
 - All SWGA Subjects Areas

Stemming

Select the stemming checkbox if you want to find results for terms that sound similar to your search criteria.

Example: search for anything to do with "teaching"

Step 1: Enter "teaching" into the first field

Step 2: Select stemming checkbox

Step 3: Hit Search

Results will include matches for: teaching, teach, teacher, and teaches

Saving searches

Click on **Advanced search** (found on the right-hand side of the search bar) and enter your required search criteria. At the bottom of the page you will be able to name this search and say whether you would like to receive alerts relating to this search. Click Save search. At this point you can enter your email address to get updates. In order to manage your saved searches you will need to register or sign in.

Managing saved searches

Sign in with your username and password and go to My Account. Click the Manage Saved Searches button. Here one can run your search directly; delete his/her saved searches, and create new saved searches.

Importing citations from Taylor and Francis

1. Search Taylor and Francis against your Key words
2. Select the title of the citations that you want to export
3. Click “choose an action” which is circled in the picture below
4. Select “Download citation” option from the drop down list.


[Back to Top](#)

5. Download a citation file in RIS format that can be imported by citation management software including EndNote, ProCite, RefWorks and Reference Manager.
6. Save your citation on your desired destination.
7. Import that file in EndNote.

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Choose format

☒ RIS (ProCite, Reference Manager) *For EndNote, ProCite, RefWorks, and most other reference management software*

☐ BibTex *For JabRef, BibDesk, and other BibTeX-specific software*

☐ RefWorks Direct Export *Export document citations into your Refworks database*

Include

☒ Citation for the content below

☐ Citation and abstract for the content below

☐ Citation and references for the content below

Download citations

Note: Before importing the citation in endnote firstly you should create the endnote library on your system. If the endnote library not exists on your system than you have the option to save the file on your system.



If you experience difficulties using any of the online databases available in the Library please contact: library@umt.edu.pk Ext: 3326 & 3335.

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(All articles are hyperlinked, click to read fulltexts)

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1. Ahmad Fraz Khan. (2013 June 24). Punjab agri-policies. *Dawn*, p. III.
2. Ashfak Bokhari. (2013 June 24). Revisiting annulled land reforms. *Dawn*, p. III.

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3. Mohiuddin Azim. (2013 June 24). Investments in agriculture, livestock up. *Dawn*, p. III

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4. Afshan Subohi. (2013 June 17). Neither bold nor innovative, though business friendly. *Dawn*, p. I.

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6. Dr Hafiz A Pasha. (2013 June 15). An ambitious budget. *The News*, p. 6
7. Dr Hafiz A Pasha. (2013 June 16). An ambitious budget. *The News*, p. 6
8. Dr. Muhammad Yaqub. (2013 June 17). Patch work policy making. *The News*, p. I
9. Ihtasham ul Haque. (2013 June 17). Budget impossible. *The News*, p. IV
10. Parvaiz Ishfaq Rana. (2013 June 17). Higher Sindh budget outlay. *Dawn*, p. VI
11. Dr Ashfaq H Khan. (2013 June 18). A budget with a road map. *The News*, p. 6
12. Huzaima Bukhari And Dr Ikramul Haq. (2013 June 21). Budget 2013-14: We missed everything again. *Business Recorder*, p. 20
13. Nawaz's political capital under threat Recorder Report. (2013 June 21). *Business Recorder* , p. 20
14. Huzaima Bukhari & Dr Ikramul Haq. (2013 June 23). A budget by the rich, for the rich. *The News*, p. II
15. Afshan Subohi. (2013 June 24). Provincial budgets with social bias in different flavours. *Dawn*, p. I
16. Intikhab Amir. (2013 June 24). 'Emergency' agenda in bits and pieces. *Dawn*, p. VI
17. Adnan Adil. (2013 June 30). Punjab budget: neglecting social development. *Daily Times*, p. A7

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20. Nasir Jamal. (2013 June 03). Shahbaz Sharif's focus on development strategy. *Dawn*, p. VI
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22. Amjad Ali Awan. (2013 June 26). Infrastructure Development: Challenges and prospects. *Business Recorder*, p. 20

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30. Zafar Azeem. (2013 June 20). Taxing the taxed: Income Support Levy Act, 2013. *Business Recorder*, p. 20
31. Mubarak Zeb Khan.
32. Mubarak Zeb Khan. (2013 June 24). Taxing mutual fund investors. *Dawn*, p. IV
33. M. Iqbal Patel. (2013 June 24). Continuing tax amnesty. *Dawn*, p. IV

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61. Mehtab Haider. (2013 June 16). Track record. *The News*, p. 33

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70. Shada Islam. (2013 June 29). New member for troubled EU. *Dawn*, p. 6

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72. Farakh A Khan. (2013 June 29). Pakistan's new government and Afghan policy—II. *Daily Time*, p. A 6

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114. Muhammad Amir Rana. (2013 June 24). Chemistry of dialogue. *Dawn*, p. 7

General:

115. Ahmad Sohail. (2013 June 21). Power corridors. *The Nation*, p. 7

New Books Added

Engineering:

1. Physics for scientists and engineering with modern Physics / by Serway, Jewett
New Delhi: Cenage Learning India, c2008
530 SER-P
2. A textbook of nanoscience and nanotechnology / by Tradeep
New Delhi: Tata McGraw-Hill Education, c2012
620.5 PRA-T
3. Introduction to statistical theory / by Sher Muhammad, Shahid
Lahore: Ilmi Kitab Khana, 2009
519 SHE-I
4. Introduction to quantum mechanics, 2nd ed. / by Griffiths
New Delhi: Pearson India, c2013
530.12 GRI-I
5. An advanced course in practical Physics, 8th ed. / by Chattopadhyay, Rakshirt
London: New Central Book Agency, 2007
530 CHA-A
6. Introduction to electrodynamics / by Griffiths
New Delhi: phi Learning, c2012
537.6 GRI-I
7. Data structures / by Lipschutz, Vijayalakshmi
New Delhi: Tata McGraw-Hill Publishing, c2006
005.73 LIP-D
8. Mathematical methods for Physics: a comprehensive guide, 7th ed. / by Arfken, Weber & Harris
Oxford: Academic Press, c2013
510 ARF-M
9. University Physics with modern Physics / by Bauer & Westfall
New York: McGraw-Hill, c2011
530 BAU-U
10. College Physics with an integrated approach to forces and kinematics, 4th ed. / by Giambattista, Richardson & Richardson
New York: McGraw-Hill, c2013
530 GIA-C
11. Introduction to the Physics of nanoelectronics / by Tan, Mansoor
Oxford: Woodhead Publishing, c2012
621.3815 TAN-I
12. Optoelectronics: devices and applications, 2nd ed. / Edited by Birtalan & Nunley
Boca Raton: CRC Press, c2009
621.381045 OPT-
13. Quantum mechanics: a textbook for undergraduates / by Jain
New Delhi: phi Learning, c2012
530.12 JAI-Q
14. Quantum mechanics / by Agarwal & Prakash
New Delhi: phi Learning, c2012
530.12 AGA-Q

15. Introduction to solid state Physics, 8th ed. / by Kittel
Hoboken: John Wiley & Sons Inc, c2005
530.41 KIT-I
16. Semiconductor devices: Physics and technology, 3rd ed. / by Sze & Lee
Hoboken: John Wiley & Sons Inc, c2013
621.384134 SZE-S

Food and Agriculture:

17. Handbook of rural sociology / by Chauhan, [et. Al]
Udaipur: Agrotech Publishing Academy (ATPA), c2010
307.72 AN-
18. A textbook of plant diseases / by Kumari
New Delhi: Rajat Publications ,c2012
632.3 KUM-T
19. Dairy farming / by Singh
New Delhi: Anmol Publications, c2008
636.2142 SIN-D
20. Agricultural insect pests and their control / by Awasthi
Jodhpur: Scientific Publishers (India), c2011
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21. A textbook of agriculture statistics / by Singh
New Delhi: Oxford Book Co, c2012
630.201 SIN-T
22. Dairy biotechnology / by Singh
New Delhi: Oxford Book Co, c2012
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23. Handbook of horticulture / by Bose
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25. Food and beverage management / by Bhatnagar & Popli
New Delhi: SBS Publishers & Distributors, c2007
664 BHA-F
26. Food and beverage management / by Cousins, Foskett & Gillespie
New Delhi: Pearson India, c1995
664 COU-F
27. Hotel management food and food services / by Gandhi
New Delhi: Random Publications, 2012
647.068 GAN-H
28. Principles of milk production / by Nevens
Jodhpur: Axix Books (India), c2010
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Trail

Two covers this week. One for the U.S., the other for our international editions.

U.S. COVER

① "Let's start with the cover line and a bunch of toilet paper."

② "The cheapest, dullest, happiest company in the world."

Bloomberg Businessweek

The happiest, cheapest, dullest company in the world

③ "I didn't think I'd miss the toilet roll, but it turns out I do."

④ "Can we add some rabbits... and butterflies... and... make it more Bambi?" "I love squirrels."

⑤ "Can the animals be wearing Costco badges?"

"No way... well, actually... maybe..."

⑥ "I really love that squirrel."

INTERNATIONAL
COVER

① "Let's decorate the cover and make it ULTRA kawaii." "I have no idea what you're talking about."

② "We need more bats and crying clouds."

③ "We do?"

Bloomberg Businessweek

④ "Can this cover be in some way crazier?" "I think it'll work in Japan."

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U.S. COVER BY FRANK OJA; U.S. COVER PHOTO BY JEFFREY M. HARRIS; INTERNATIONAL COVER BY JACOB KESSLER; KOREA PHOTOGRAPH BY KOSHIKAWA TOSIYUKI PHOTOGRAPHY IMAGES

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How the cover gets made

1 "Think the type needs to be bigger, more assertive. Can we try his quotes over the picture?"



2 "Too many words. Way too many words. Way, way too many words."

3 "Looks like a warning sign on a cigarette carton."



4 "The headline is a bit Wheel of Fortune. 'Can we add color?'"



5 "The color is good." "Not sure we're allowed to do those things with the hands of an ex-president." "Can we try a different picture?"



6 "I want him to look at me in the eyes again." "I liked the one you had at the start. Can we go back to that?" [GROAN]



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Cover Trail

How the cover got made

1 A+E Networks' CEO on the cover.



2 "Should we not have the Booz Allen story on the cover?"



3 "A headline alone isn't enough. It's missing some darkness. We need some American iconography we can twist."

4 "I found this eagle on Google." (Picture editors groan.)



5 "Can you call the photographer, see if we can use it?"



6 "It needs to be bigger, filling up more of the cover."

7 "It's too emblematic. The background needs to feel more ominous."



COVER TRAIL FROM TOP: CHRIS BUCK FOR BLOOMBERG BUSINESSWEEK; ROBERT OTTOLE; JUSTIN METZ

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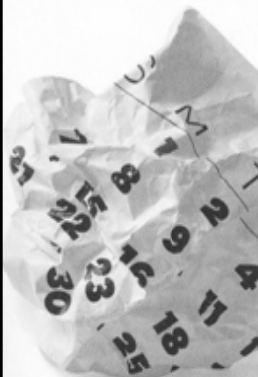
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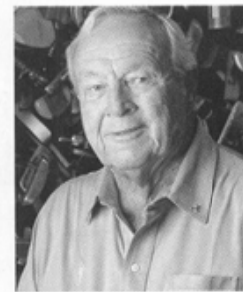
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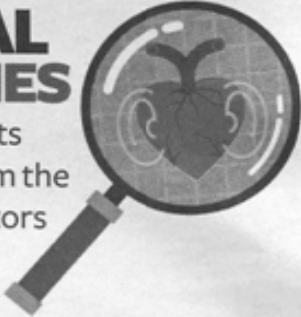
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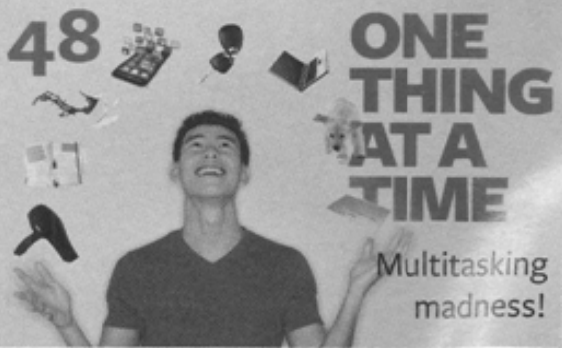
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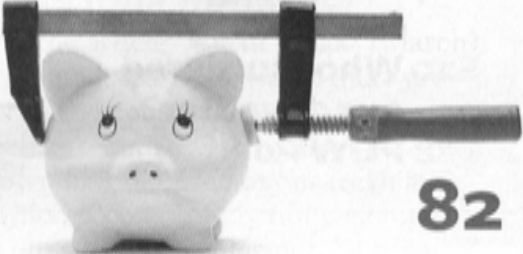


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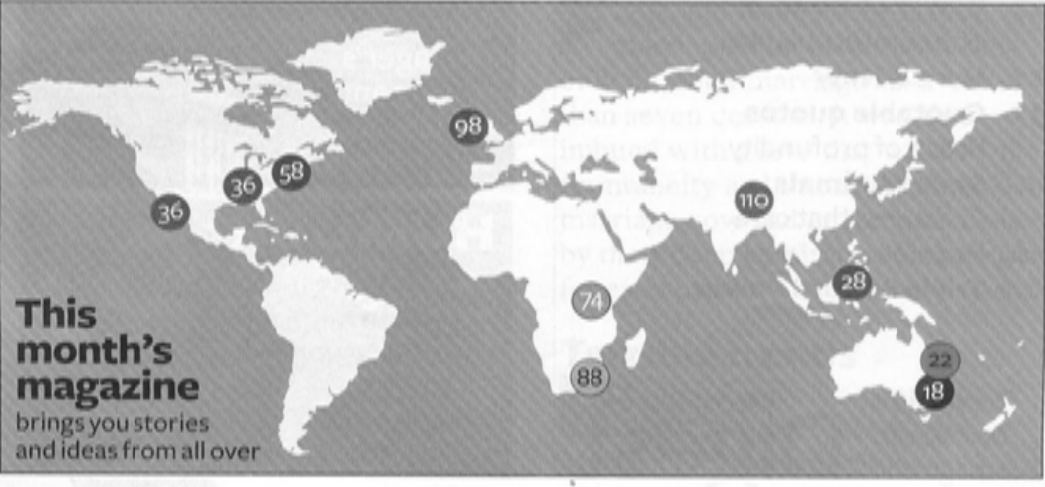
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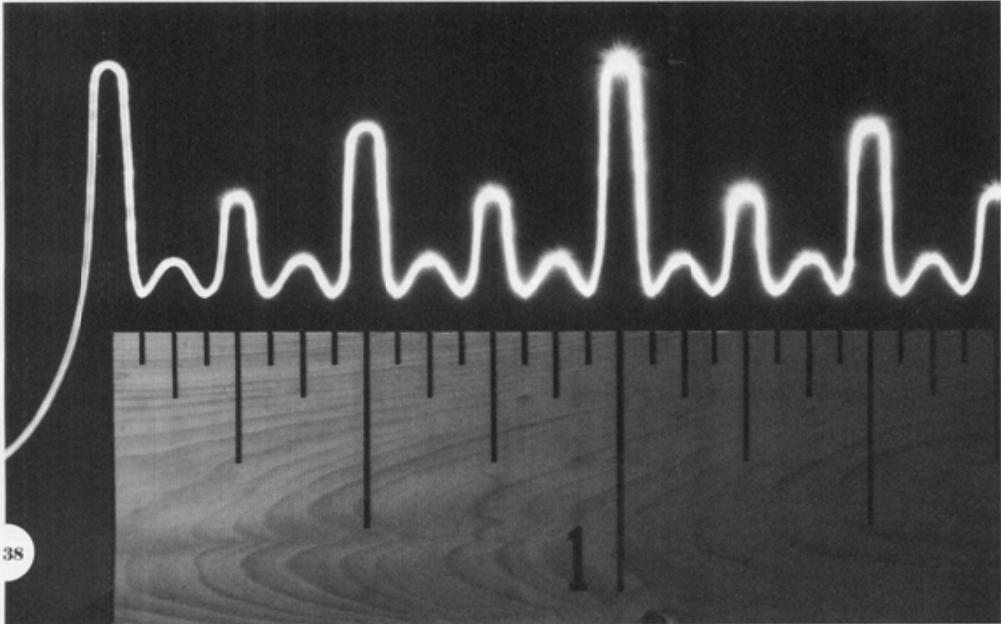
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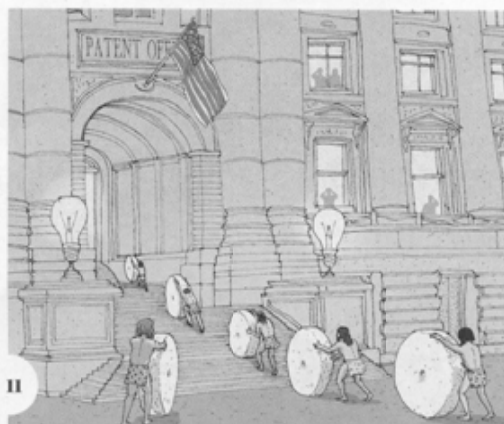
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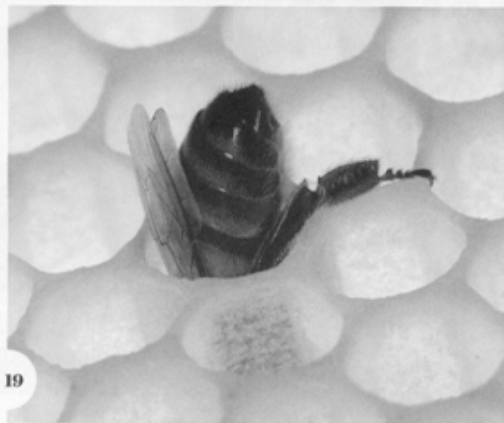
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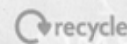
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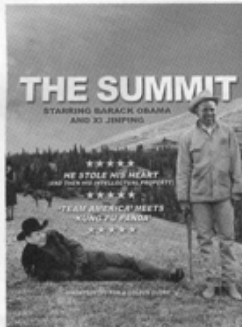
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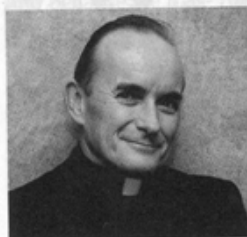
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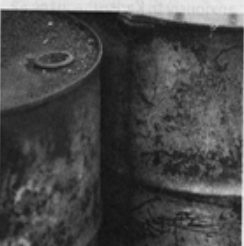
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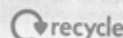
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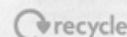
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A guard near the entrance to Camp X-Ray at Guantánamo Bay. This section of the detention center was closed in 2002. Photograph by Eugene Richards for TIME

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A mural of inmate Wilmer Brizuela, left, looms over Vista Hermosa prison in Bolívar, Venezuela. Photograph by Sebastián Liste—Reportage by Getty Images for TIME

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A soldier patrols a prison in Gao, Mali. Photograph by Paolo Marchetti

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