

# Expand your limits.



Involvement



Innovation



Excellence

Sagi Langer, Director Marketing & Academic Development

אוניברסיטת בן-גוריון בנגב  
Ben-Gurion University of the Negev



Ben-Gurion University of the Negev was founded in 1969 and since then has fulfilled the vision of David Ben-Gurion, Israel's first Prime Minister, who understood that an academic institution can change the reality of the region





**19,000 Students**  
**130,000 Alumni**



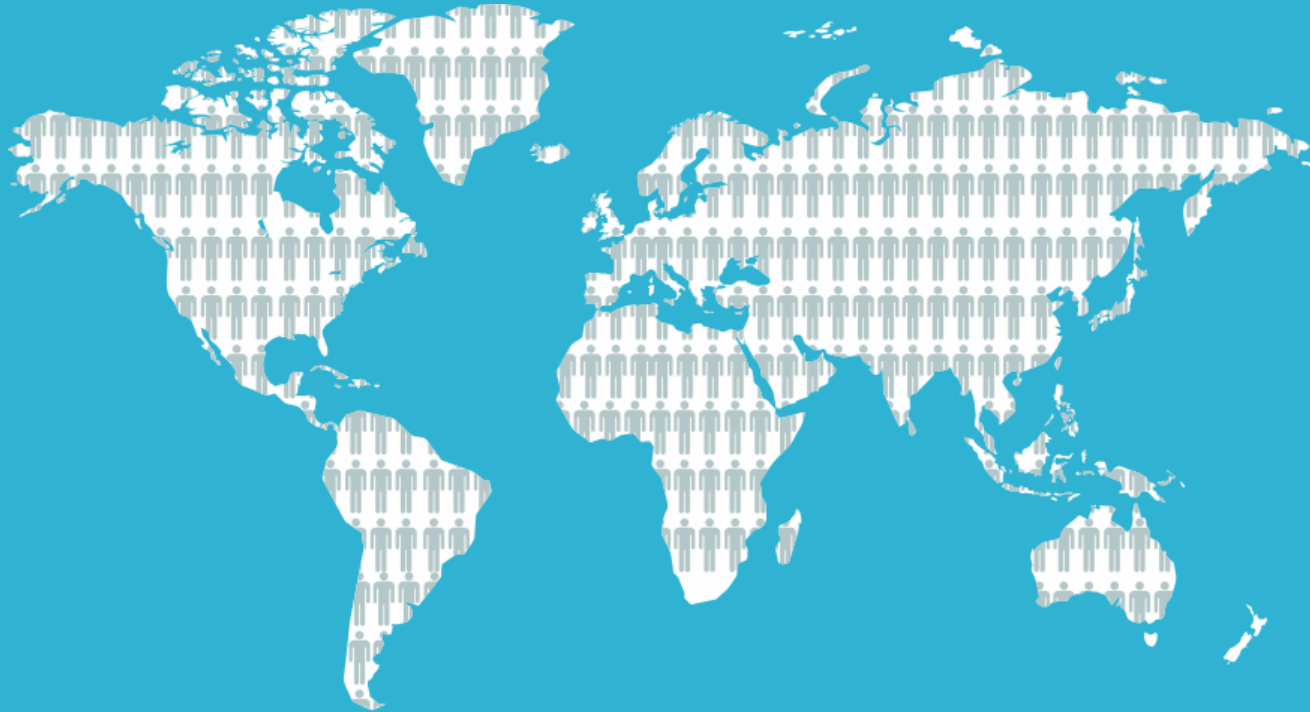
**33%** of student body  
in advanced degree  
programs



**3 Campuses**  
at Beer-Sheva, Sde-Boker  
and Eilat



International student from  
more than **40** states



# Faculties



Faculty of  
Humanities and  
Social Sciences



Faculty of  
Natural Sciences



Faculty of  
Engineering  
Sciences



Faculty of  
Health Sciences



Guilford Glazer  
Faculty of Business  
and Management



Jacob Blaustein  
Institutes for  
Desert Research



# Highly ranked worldwide



**36<sup>th</sup>**



on the QS World University Rankings of **young universities** under the age of 50

**39<sup>th</sup>**



among the world's top **technological universities**. BGU was declared as one of the Middle East's most important centers of **teaching and research**

Among the top

**100**



universities in the world **granted US patents**. BGU was recently invited to join the National Academy of Inventors [NAI]

**24<sup>th</sup>**



on the **UI GreenMetric** World University Rankings, and **1<sup>st</sup>** among Israeli universities

**1<sup>st</sup>**



BGU's **Department of Industrial Engineering and Management** ranks first among all such departments in Israel, according to *Forbes Magazine*

**1<sup>st</sup>**



**in accounting:** 97.5% of students successfully passed the Israeli Accountancy Council exams

**6<sup>th</sup>**



BGU's **Department of Hotel and Tourism Management** ranked 6<sup>th</sup> worldwide in tourism research and 11<sup>th</sup> on the *Journal of Hospitality and Tourism Research's* overall ranking

**259<sup>nd</sup>**



on the QS World University Rankings, **out of 500** leading universities around the world

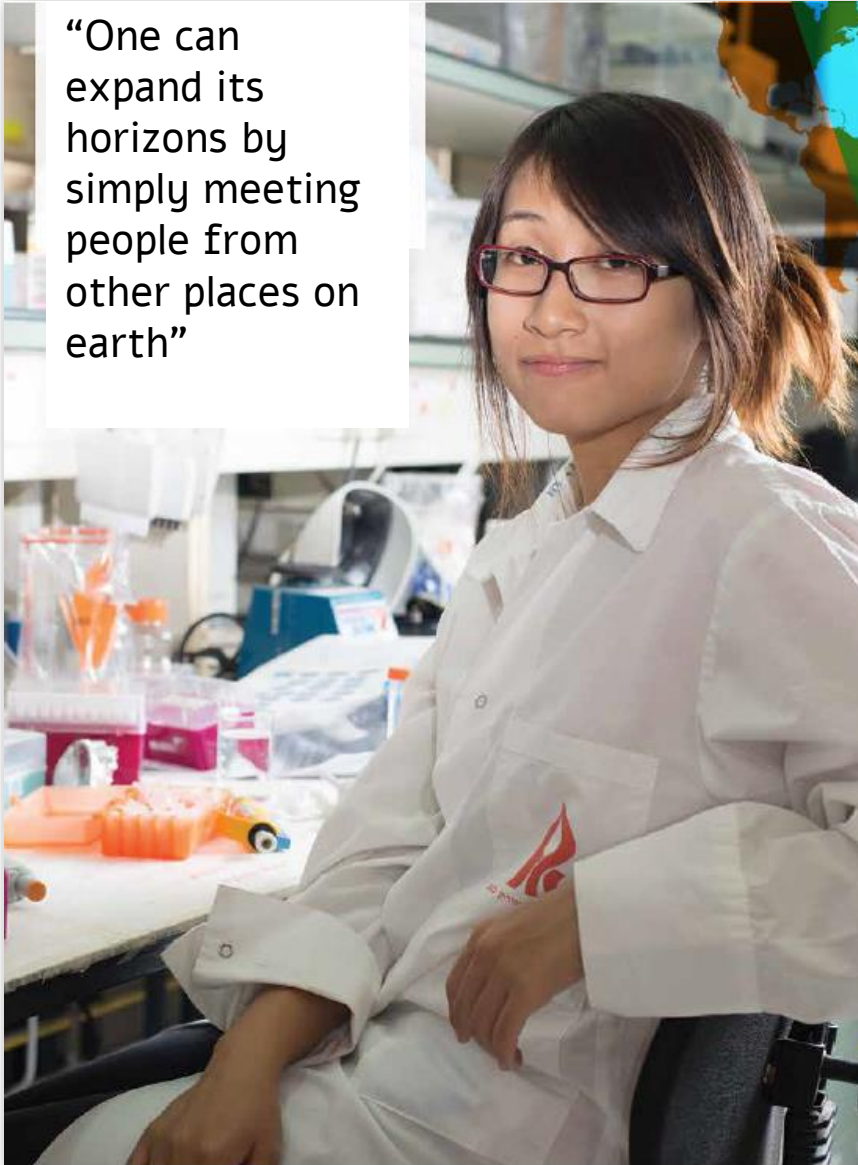
**64<sup>th</sup>**



in the world in terms of publications issued by the **Department of Information Systems Engineering**. BGU is the only Israeli university ranked among the world's top 100 universities in this field



“One can expand its horizons by simply meeting people from other places on earth”



- **BGU changes the world with inspirational ideas, advanced research, unique academic programs and community outreach**
- **Cutting Edge National Research Institutes**
  - The Ben-Gurion National Solar Energy Center
  - National Institute for Biotechnology in the Negev
  - Ilse Katz Institute for Nanoscale Science & Technology
  - Jacob Blaustein Institute for Desert Research
  - Ben-Gurion Research Institute for the Study of Israel and Zionism
  - Heksherim – The Research Institute for Jewish and Israeli Literature and Culture
  - Over 60 interdisciplinary research centers
  - Advanced labs



Signal and Image Processing

Genetics

Electro-optics

Space & Remote Sensing



Cyber Security

Biomaterials

Nanotechnology

Robotics



Communications S&H

Stem cells

Water Technology

Renewable Energy

Pharmaceuticals and Drug Delivery





# Applied Research at BGU: 1000+ Patents



**REUTERS**  
LATEST NEWS **U.S. SEEKS "FULL PARTNERSHIP" WITH RUSSIA ON MISSILES**

## Ikaria to pay \$285 mln for Bioline drug license

Email | Print | Share | Reprints | Single Page | Text [-]

**MARKET NEWS**

- Wall Street pares gains after bond auction
- Oil steadies at \$60 on U.S. jobless claims
- Yen, dollar fall; sterling up on

JERUSALEM, June 6 (Reuters) - Israeli drug development company BiolineRX (BLRX.TA) said on Monday that New Jersey-based Ikaria Holdings Inc had agreed to pay \$285 million for a license to develop and market its BL-1040 drug for heart attack patients.

**ALLVOICES** LOCAL TO GLOBAL NEWS

Start reporting, reach millions and make money!  
Sign up now on Allvoices

All | Publics | Sports | Entertainment | Business | Science & Technology | Conflict & Tragedy | Odd

Mainstream News | News Stories: 0 | Blog Posts: 0 | Videos

### High-speed fiber optics co MultiPhy raises \$7.2m

The investment agreement will be implemented in two stages. \$3.3 million will be invested immediately with the balance in December 2010 providing the start-up meets specified milestones. Article continues after advertisement. MultiPhy, a BGU spin-off

**GLOBES** Israel's Business Arena

Monday October 22, 2012, Israel 0

Front | News | Views | Features | Real estate | Israel resources | Market prices | Events | Services | RSS | Newsletters | Advertising | About

### Cartilage implant co CartiHeal expands financing to \$10m

Noch Dankner's Elron joined Moshe Arkin's Accelmed and Access Medical Ventures to invest in the company.

9 July 12 15:57 Gal Weizbe

Cartilage implant developer CartiHeal Ltd. has expanded its financing round to \$10 million from \$5 million, after **Elron Electronic Industries Ltd.** (TASE: ELRN) joined **Accelmed**, the fund of Moshe (Mori) Arkin and Uri Geiger, and Access Medical Ventures, a US fund run by Israelis Limor Sandach, Dvir Keren, and Michael Tal. CartiHeal is a graduate of **Eregone Ventures Incubator Technological Incubator**.

CartiHeal CEO Nir Altshuler, a biomedical engineer, founded the company in 2009, on the basis of a concept discovered at Ben Gurion University of the

**REUTERS UK**

### Israel's Ben-Gurion University in deal with Bayer

TEL AVIV, April 19 (Reuters) - Ben-Gurion University signed an agreement to collaborate with Bayer BioScience NV to develop solutions to help plants cope with extreme temperatures and limited water availability, the university said on Sunday.

Ben-Gurion, located in Israel's Negev desert, said the agreement builds upon results from Simon Barak's laboratory at the university's Jacob Blaustein Institute for Desert Research.

The agreement signed between BGN Technologies - the technology transfer company of Ben-Gurion University - and Bayer CropScience will allow the identification of additional genes that have an effect on making plants more "stress-resistant".

### Science News

A science news site.

#### BGU and France Telecom sign agreement to optimize Internet communications

by ADMINISTRATOR on APRIL 28, 2011

ISRAEL APRIL 28, 2011 - Ben-Gurion University (BGU) and France Telecom (Orange) announced a research applying "location their Internet routers, which will use complex algorithms and a resolution of a problem. Prof of Communication Systems Engineering and his research group will use complex algorithms and a resolution of a problem. Prof of Communication Systems Engineering and his research group will use complex algorithms and a resolution of a problem. Prof of Communication Systems Engineering and his research group will use complex algorithms and a resolution of a problem.

**Forbes** | Search | U.S. EUROPE ASIA HOME PAGE FOR THE WORLD'S BUSINESS LEADERS

Business Wire - Press Release

### ExxonMobil to Work with Partners to Commercialize On-Vehicle Hydrogen Fuel System for Application

Exxon Mobil Corporation (NYSE:XOM) today announced it is partnering with **CartiHeal**, **Accelmed**, and **Ben-Gurion University** on plans to commercialize an on-vehicle hydrogen production system for use in a fuel cell-powered lift truck application.

**YAHOO! NEWS**

### International Collaborative Funds Three Early-Stage Pediatric Medical Device Concepts

CINCINNATI, Dec. 20, 2012 /PRNewswire-USNewswire/ - A recently launched collaborative between Cincinnati Children's Hospital Medical Center (CCHMC) and Ben-Gurion University of the Negev (BGU) is funding the research and development of three pediatric medical device concepts.

The collaboration, which pairs the medical expertise of CCHMC physicians with the technical and engineering capabilities of BGU, started with nearly 80 unaddressed problems facing surgeons and physicians. After reviewing these ideas and proposed solutions, 10 projects went through rigorous application cycles, through market analysis and review by internal and external stakeholders.



## 6,000+

Students are involved in a wide range of projects in the community



## Green Campus

### #38 in world ranking

### (UI GreenMetric)

BGU works to reduce its environmental footprint and promoting education of

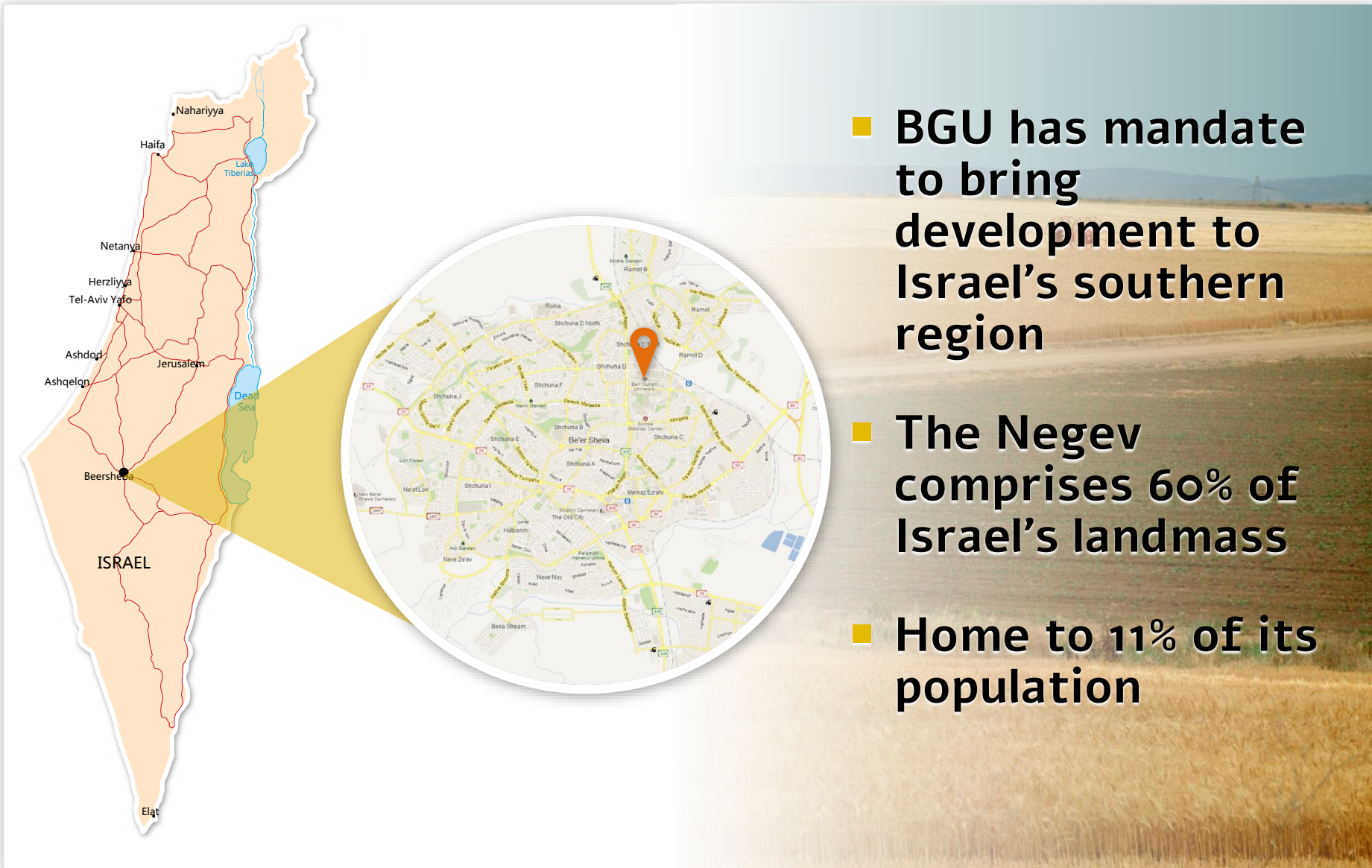


## 80

“Open Apartments” in Beer-Sheva, where students live and work in the community.

the Community Action Unit





- **BGU has mandate to bring development to Israel's southern region**
- **The Negev comprises 60% of Israel's landmass**
- **Home to 11% of its population**

# What's on at the Negev?



- ATP High-Tech park
- IDF is relocating its training bases, intelligence and technological units to the Negev
- IDF's IT & Technology Campus
- Israel's first Cyber City – national CERT
- BGU's North Campus



# ATP – Advanced Technologies Park



Dell-EMC, BGN, Incubit  
Elbit Systems, Lockheed-  
Martin, AudioCodes,  
Deutsche-Telekom, Ness,  
Allscripts (dbMotion), JVP  
Cyber Labs, Oracle, WIX,  
Cyactive, RAD, CDI,  
CyberSpark, Mellanox,  
CERT-IL, WeWork, Dalet,  
CyberGym, OneHour  
Translation, PayPal,  
BaseCamp, E&Y...



# A view from above



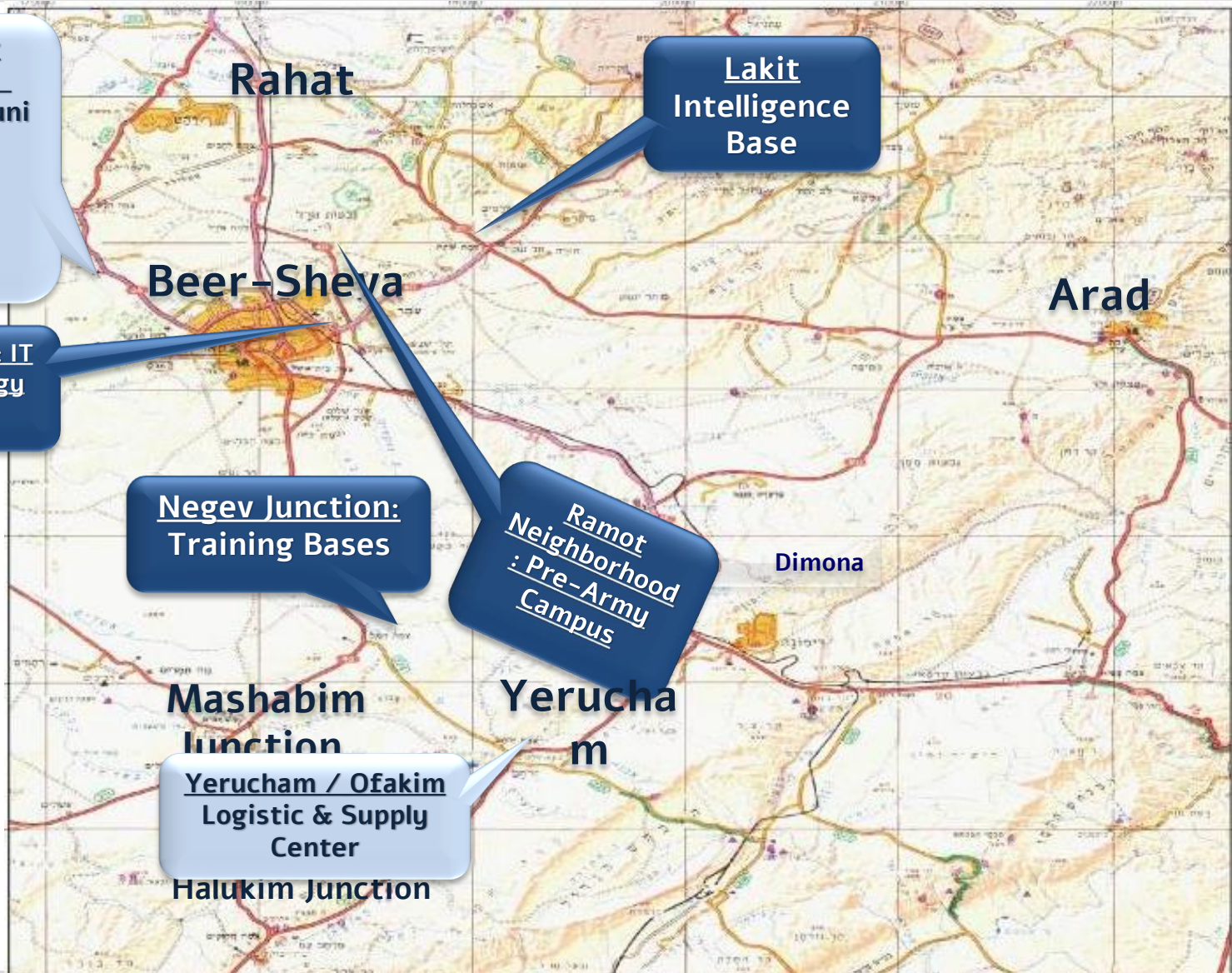


❖ **BGU Innovation Labs at WeWork**

❖ **Innonegev Excellerator**



# IDF is moving to the Negev



**Mishmar Hanegev:**  
Telecommunication  
Brigade,  
Supply  
Center

**Beer-Sheva:** IT  
& Technology  
Units

**Negev Junction:**  
Training Bases

**Ramot  
Neighborhood  
: Pre-Army  
Campus**

**Yerucham / Ofakim**  
Logistic & Supply  
Center

**Lakit**  
Intelligence  
Base

Rahat

Beer-Sheva

Arad

Dimona

Mashabim  
Junction

Yerucham

Halukim Junction



# IDF is moving to the Negev



IDF and Ben-Gurion University cooperate in a 48-hour technological marathon



# New North Campus Overview

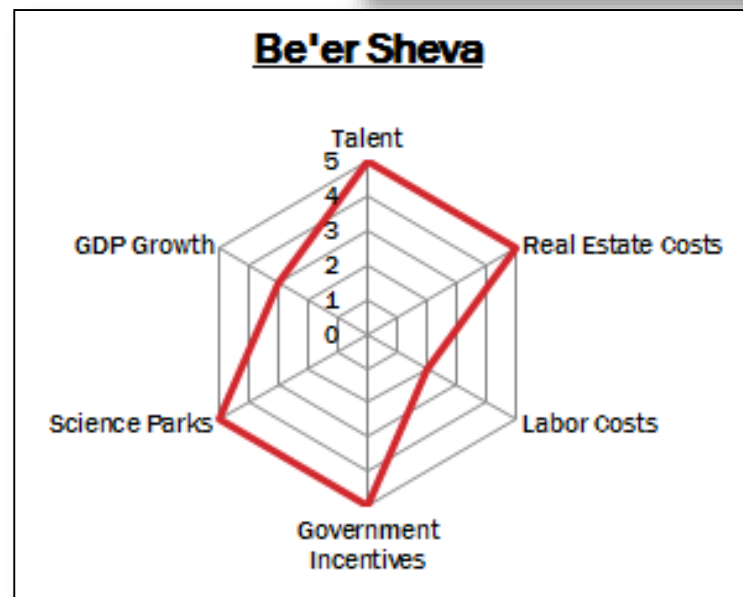
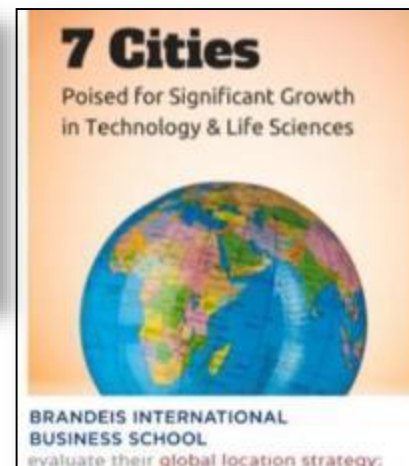




## New Study: Seven Cities Poised for Significant Growth in Technology & Life Sciences

JANUARY 2015 | BY RENAY PICARD

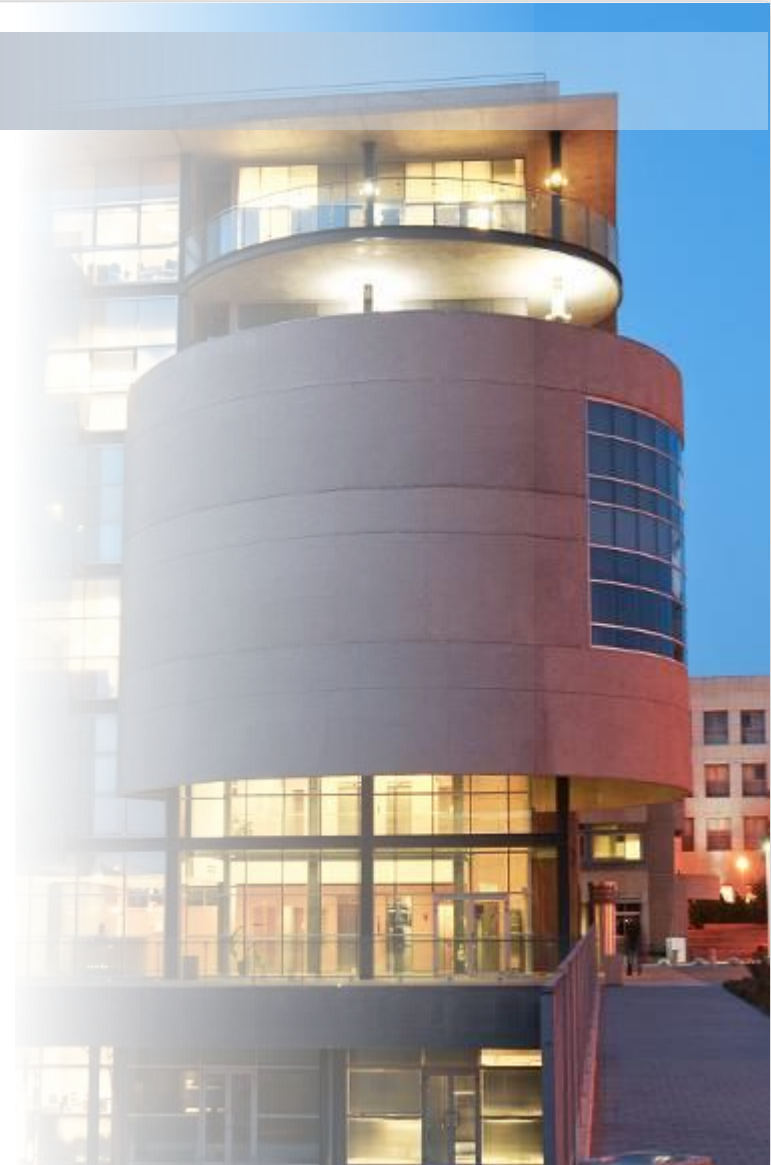
- Be'er Sheva, Israel
- Campinas, Brazil
- Cape Town, South Africa
- Chengdu, China
- Istanbul, Turkey
- Kuala Lumpur, Malaysia
- Santiago, Chile





B.Sc., M.Sc., Ph.D.

- Materials Engineering
- Information Systems Engineering + Cyber
- Biotechnology Engineering
- Chemical Engineering
- Biomedical Engineering
- Mechanical Engineering
- Communication Systems Engineering
- Software Engineering
- Energy Engineering
- Environmental Engineering
- Nuclear Engineering
- Electrical and Computer Engineering
- Industrial Engineering
- Electro-Optical Engineering
- Safety engineering



B.Sc., M.Sc., Ph.D.

- **Chemistry**
- **Physics**
- **Mathematics**
- **Computer Sciences**
- **Life Sciences**
- **Geology & Environmental Sciences**



M.D, B.A, M.P.H., M.A., M.P.T., M.N., M.Med.Sc., M.EM, Ph.D

- The Irwin and Joyce Goldman Medical School
- Medical School for International Health – in collaboration with Columbia University
- Physiotherapy
- Emergency Medicine
- Nursing
- Health System Management
- Pharmacy
- Medical Laboratory Sciences
- Epidemiology
- Health Sociology
- Masters in Public Health
- Gerontology





B.A., MBA, M.H.A., M.A., Ph.D., Post-Doc

- Management
- Hotel and Tourism Management
- Public Policy & Administration
- Business Administration
- Social Leadership MBA Program
- Health System Management





B.A, M.A., Ph.D.

- Arts
- Archeology, Ancient Near East and Bible
- Hebrew Literature
- Hebrew Language
- Jewish Thought
- General History
- Israel Studies
- Philosophy
- Foreign Literature and Linguistics
- Multidisciplinary Studies
- Middle East Studies
- Politics and Governness
- Geography and Environmental Development
- Sociology and Anthropology
- Psychology
- Mathematics for BA
- Statistic
- Social Works
- Economics







# Albert Katz International School for Desert Studies



M.Sc., M.A, Ph.D. | Studies are in English

- **Agriculture and Biotechnology of Drylands**
- **Irrigation and Plant Environment**
- **Ecology of Drylands**
- **Solar Energy and the Environmental Physics**
- **Environmental and Aquatic Microbiology**
- **Environmental Studies**
- **Water Resources**
- **Desalination and Water Treatment**
- **Microbiology and Water Quality**



# Internationalization

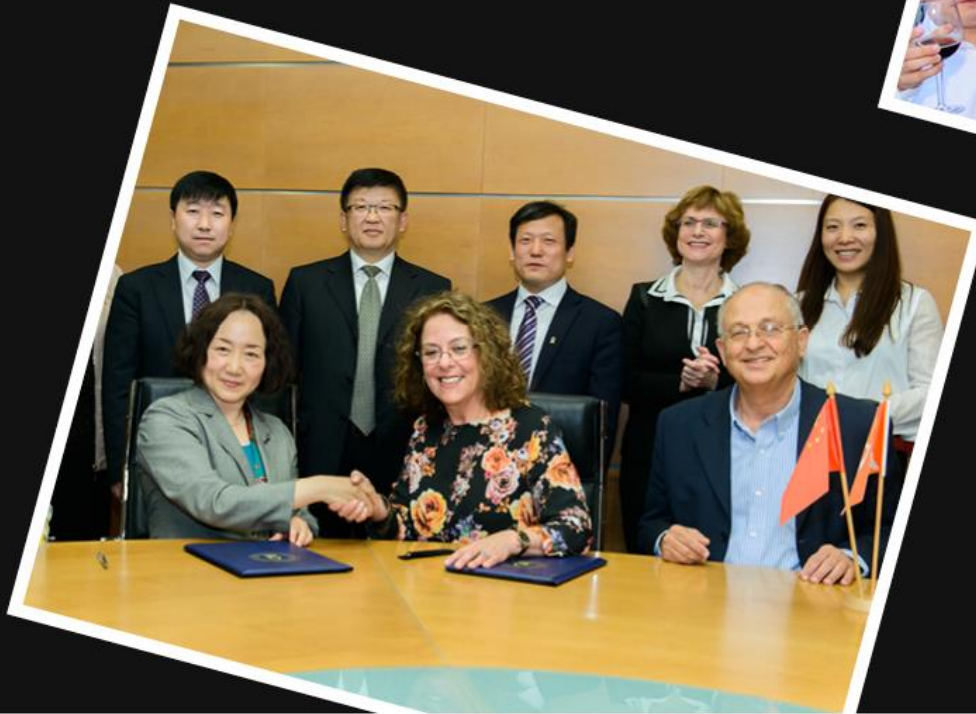


## International Summer Programs

- International Summer Program in Data Mining and Business Intelligence
- Innovation and Leadership Summer Program
- Global Health Summer Program



## BGU and Jilin University in China continue their collaboration



## Student events – Purim, StudentFest



- New Electric Formula Car launched by BGU Student Team
- Motor Sport as a growth engine for an Automotive Industry in Israel



[www.bgu.ac.il](http://www.bgu.ac.il)

[Facebook.com/bgu.student](https://www.facebook.com/bgu.student)



[Youtube.com/bengurionuniversity](https://www.youtube.com/bengurionuniversity)



y

