



# HEALTHCARE / BIOSCIENCES

# MESA, AZ

*THE OPTIMAL LOCATION FOR HEALTHCARE AND BIOSCIENCE COMPANIES*

"During the past six years, Dexcom went from being chiefly unknown in Arizona to being one of the largest manufacturing entities in the region, employing 2,000 people in Mesa. We expanded from a single building in 2017 to where we now have three buildings within Mesa. We have been able to successfully attract high-level talent and find the quantity of employees needed, as evidenced by our rapid production growth. We have collaborated with Arizona universities and Mesa Community College to acquire high-quality employees, as well as develop internship programs to fill our pipeline. Expanding our manufacturing operations to Mesa, Arizona was a great decision."

**- Jim Kasselmann, Senior Director & General Manager, Dexcom, Inc.**



**SINCE 2002, BIOSCIENCE EMPLOYMENT IN ARIZONA HAS GROWN 182% (133,000 JOBS). UNIVERSITY R&D HAS GROWN 228% AND VENTURE CAPITAL INVESTMENT, 705%.<sup>1</sup>**

The City of Mesa holds a strong healthcare and bioscience position with a large number of medical device manufacturers, world-class specialty and general hospitals, higher education institutions focused on next generation healthcare and applied science, and secondary education programs training students in biotech and life sciences industries.

➤ **Arizona Center for Algae Technology and Innovation (AzCATI) is located on the ASU Polytechnic Campus in Mesa.**



# Industry Ecosystem

The Phoenix-Mesa metro is home to a large assortment of innovative healthcare and bioscience organizations.

## Largest Medical Device Manufacturers in Phoenix-Mesa Metro<sup>ii</sup>

- West Pharma
- W.L. Gore & Associates
- Dexcom
- Medtronic
- Abbot Laboratories
- BARD Peripheral Vascular
- Stryker Sustainability Solutions
- GE Healthcare
- Auer Precision
- Cranial Technologies
- Merz Aesthetics
- Regenesys Biomedical
- Accutron
- Innovative Health
- VisionGate
- EyeTech Digital Systems
- Heliae
- GT Medical Technologies

## Healthcare / Bioscience Research & Development Organizations<sup>iii</sup>

- Arizona State University
- Banner Alzheimer's Institute
- Barrow Neurological Institute
- Cancer Treatment Centers of America
- Center for Entrepreneurial Innovation
- Dignity Health
- Ironwood Cancer & Research Centers
- Mayo Clinic
- Midwestern University
- National Institute of Diabetes and Digestive and Kidney Diseases
- Northern Arizona University
- TGen
- University of Arizona

## Largest Healthcare and Biomedical Firms in Phoenix-Mesa Metro<sup>iv</sup>

- Banner Health
- HonorHealth
- Dignity Health
- Mayo Clinic
- Phoenix Children's Hospital
- Valleywise Health
- Abrazo Healthcare
- Unitedhealth Group
- McKesson Corporation
- Cigna Healthcare of Arizona
- Steward Health Care
- Laboratory Sciences of Arizona
- Fresenius Medical Care
- Express Scripts
- Triwest Healthcare Alliance



➤ Top: The Banner Simulation Medical Center-Mesa is a virtual hospital that trains physicians and nurses before they treat actual patients.

Middle: Banner Children's at Desert's newly constructed Women's Tower.

Bottom: Standing with Mesa Mayor John Giles, Dexcom General Manager Jim Kasselmann accepts the 2021 Manufacturer of the Year from Arizona Manufacturers Council. Dexcom manufactures state-of-the-art continuous Glucose Monitoring Systems in Mesa.



▶ Banner Children's at Desert provides state-of-the-art services for women and infants in Mesa.

# Mesa's Healthcare Facilities

Mesa is one of the few cities in the Phoenix-Mesa metro area that offers the continuum of healthcare services, including specialty hospitals in heart health, orthopedics, and full-service pediatrics.

Hospital/Medical Facility	Bed Count	Specialties & Features
Adelante Healthcare <a href="http://www.adelantehealthcare.com">www.adelantehealthcare.com</a>	N/A	Provides environmentally sustainable family and internal medicine, pediatrics, women's health with OB/GYN care, family dental, and an in-house lab and pharmacy.
Arizona General Hospital <a href="http://www.dignityhealth.org">www.dignityhealth.org</a>	50	This fully equipped micro-hospital features an emergency room, four operating or procedure rooms, a full onsite laboratory, and radiology suite.
Banner Baywood Medical Center <a href="http://www.bannerhealth.com">www.bannerhealth.com</a>	342	Banner Baywood is one of the nation's premier orthopedic programs and is a nationally recognized Primary Stroke Center.
Banner Desert Medical Center <a href="http://www.bannerhealth.com">www.bannerhealth.com</a>	549	As one of the largest and most comprehensive facilities in Arizona, Banner Desert serves as a tertiary referral center for the East Valley of metropolitan Phoenix and treats the highest levels of acuity.
Banner Gateway Medical Center <a href="http://www.bannerhealth.com">www.bannerhealth.com</a>	177	The hospital offers nine operating suites and an emergency department with 37 private treatment rooms and is the first in the U.S. to offer iCare monitoring.
Banner Heart Hospital <a href="http://www.bannerhealth.com">www.bannerhealth.com</a>	111	Banner Heart Hospital is one of the largest freestanding heart hospitals in the nation.
Banner Children's at Desert <a href="http://www.bannerhealth.com">www.bannerhealth.com</a>	206	This state-of-the-art facility was designed "Through the Eyes of a Child," meaning it has all the comforts of home and does not feel institutional. Banner Health recently completed the new women's tower adjacent to Banner Children's that will provide state-of-the-art services for women and infants.
MD Anderson Cancer Center <a href="http://www.bannerhealth.com">www.bannerhealth.com</a>	N/A	MD Anderson Cancer Center is part of the Banner Gateway Medical Center campus. MD Anderson is internationally renowned for its cancer treatment and research.
Mountain Vista Medical Center <a href="http://www.mvmedicalcenter.com">www.mvmedicalcenter.com</a>	178	Offers the most advanced technology in a resort-like setting with features that include all private rooms, electronic health records, valet parking, room service, and wireless internet access.

# Talent Pipeline<sup>v</sup>

The Phoenix-Mesa metro has access to a large pipeline of healthcare and bioscience talent. In 2020, more than 10,000 graduates in related degree programs came out of area institutions of higher learning.

## 2020 Program Completions at Colleges/ Universities in Phoenix-Mesa Metro in Healthcare / Bioscience

Certificates	Associates	Bachelor	Master	Doctor	Total
4,062	1,845	2,761	776	801	10,245

## Notable Medical Schools

- Arizona State University College of Health Solutions
- A.T. Still University School of Osteopathic M
- Biomedical Informatics and Biomedical Diagnostics at Arizona State University
- Creighton University School of Medicine
- Mayo Clinic College of Medicine and Science
- Midwestern University
- University of Arizona College of Medicine



➤ A.T. Still University School of Osteopathic Medicine has a large campus in Mesa.

# Mesa-based Higher Education Institutions

## Arizona State University Polytechnic Campus

Arizona State University Polytechnic (ASU Poly), located on 600 acres adjacent to the Phoenix-Mesa Gateway Airport in East Mesa, is home to thousands of students and numerous undergraduate and graduate degrees programs.<sup>vi</sup>

ASU Poly assets include state-of-the-art infrastructure, research capabilities, and students and faculty in key areas.

- Arizona Center for Algae Technology and Innovation (AzCATI) serves as a hub for research, testing, and commercialization of algae-based biofuels, pharmaceuticals, and nutraceuticals.<sup>vii</sup>
- Del E. Webb Altitude Chamber Lab, used during aerospace research and training, allows students to experience the physiological effects of oxygen deprivation.<sup>viii</sup>
- Additive Manufacturing R&D Center, the Southwest's largest additive manufacturing research facility, allows students, faculty, and industry partners to stay competitive in this fast-growing industry sector.<sup>ix</sup>

## A.T. Still University School of Osteopathic Medicine<sup>x</sup>

On the campus in Mesa, ATSU provides master's programs in Biomedical Sciences, Orthodontics, Occupational Therapy, Physician Assistant Studies, and Speech-Language Pathology, as well as doctoral programs in Audiology, Dental Medicine, Occupational Therapy, Physical Therapy, and Osteopathic Medicine.

## Benedictine University – College of Science and Health

At its Mesa campus, Benedictine University provides programs in Health Education and Promotion, Health Sciences, Nutrition and Allied Health, and Nutrition and Food Sciences, as well as preparatory programs in Chiropractic, Dentistry, Medicine, Occupational Therapy, Optometry, Pharmacy, Physical Therapy, Physician Assistant, Podiatry, and Veterinary Medicine.<sup>xi</sup>

## Alverno College

In 2022, Alverno College opened its Mesa campus, housing its new Nursing Education Center where it offers the Direct Entry Master of Science in Nursing program, which is designed for students who already hold a bachelor's degree in a non-nursing field.

## Chandler-Gilbert Community College

Chandler-Gilbert Community College serves higher education at three locations in the Southeast Valley and offers programs in Nursing and Health Sciences.<sup>xii</sup>

## East Valley Institute of Technology

The East Valley Institute of Technology provides training to high school students and adult learners in more than 50 occupation-specific programs at three campuses. Healthcare-related programs include Dental Assistant, Emergency Medical Technician, Medical Assistant, Nursing Assistant, Practical Nursing, Pharmacy Technician, Physical Therapy Technician, and Veterinary Assistant.<sup>xiii</sup>

## Mesa Community College

Mesa Community College (MCC) is the largest of the 10 community colleges in the Maricopa County Community College District. MCC offers Health Sciences programs in Communication Sciences and Disorders, Dental, Emergency Medical Technology, Exercise Science, Nursing, Nutrition and Dietetics, and Paramedicine.<sup>xiv</sup>

## Pima Medical Institute

Pima Medical Institute has two locations in Mesa and offers bachelor's degrees in Health Care Administration, Nursing, Radiologic Sciences, and Respiratory Therapy, and associate degrees in Dental Hygiene, Nursing, Occupational Therapy, Paramedic, Radiography, Surgical Technology, and other health occupations.<sup>xv</sup>

## Arizona College

Arizona College features programs in Nursing and Allied Health including Medical Assistant with Phlebotomy, Medical Billing and Coding, Pharmacy Technician, Dental Assistant, and Health Care Administration.<sup>xiv</sup>



# Empowered to Help Build Your Business

The City of Mesa Office of Economic Development works closely with clients throughout all phases of the development process and looks forward to helping you build and grow your company in Mesa.

## SOURCES

<sup>i</sup><https://flinn.org/wp-content/uploads/2022/04/TEconomy-Flinn-2022-Arizonas-Bioscience-Roadmap-Progress-Presentation.pdf>

<sup>ii</sup>MAG Employee database, 2020; file:///C:/Users/KLofgre/Downloads/Greater-Phoenix-Healthcare-Biomedical-Ecosystem-Master.pdf, Aug. 2022.

<sup>iii</sup>ibid

<sup>iv</sup>ibid

<sup>v</sup>ibid

<sup>vi</sup><https://poly.engineering.asu.edu/hse/bs/>, Dec. 2022.

<sup>vii</sup><https://azcati.asu.edu/>, Dec. 2022.

<sup>viii</sup><https://poly.engineering.asu.edu/aviation/hac/>, Dec. 2022.

<sup>ix</sup><https://manufacturing.engineering.asu.edu/facilities/>, Dec. 2022.

<sup>x</sup><https://www.atsu.edu/>, Dec. 2022

<sup>xi</sup><https://ben.edu/about/campus-locations/mesa-campus/>, Dec. 2022.

<sup>xii</sup><https://www.cgc.edu/degrees-certificates/health-sciences>, Dec. 2022.

<sup>xiii</sup><https://www.evit.com/>, Dec. 2022.

<sup>xiv</sup><https://www.mesacc.edu/programs/fields-of-interest/health-sciences>, Dec. 2022.

<sup>xv</sup><https://pmi.edu/locations/arizona/mesa/>, Dec. 2022.

<sup>xvi</sup><https://www.arizonacollege.edu/healthcare-careers/mesa-campus/>, Dec. 2022.

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