



The Economic Future of the Paso del Norte Region....





Emerging Regional Strength in Life Sciences

- Acting as a **region** creates competitive strength
 - El Paso, Southern New Mexico, Northern Chihuahua
 - **6 universities** (NMSU, TTUHSC, UTEP, UACJ, Tech de Monterey, Tech de Juarez)
 - **3 medical schools** (TTUHSC, UACJ, Burrell)
 - **4 technology incubators / accelerators** (HUB of Human Innovation, Arrowhead, Tech Hub Juarez, MCA's Cardwell Collaborative)
- Over a 15 year period, the PDN region will have made over **\$2.4 billion in capital investments** in healthcare delivery, as well as life sciences education, research and commercialization



Community Support & Funding:

- \$60 million+ raised
- City of El Paso Impact Fund
- U.S. Economic Development Administration
 - Philanthropy
 - Financing
- New Market Tax Credits

Campus Planning & Vision:

- MCA Master Plan
- MCA Smart Code
 - MCA TIRZ
- 13 Acre MCA S&T Park
 - 440 Raynolds
- MCA BioMedical Industry Business Plan

Workforce:

- Jefferson High School Advanced Manufacturing Program
- Tech de Monterrey bio-mechatronics program

Academic & Government Partners:

- MCA Foundation Board
- Includes all Institutions of Higher Education, Elected Officials over the MCA Campus

Industry:

- BioMedical Cluster Group
- Juarez Manufacturing

R&D & Idea Generation:

- NIH & NASA Innovations
- MCA Clinical Trials Network
- Hack-a-thons

Entrepreneurship & Training:

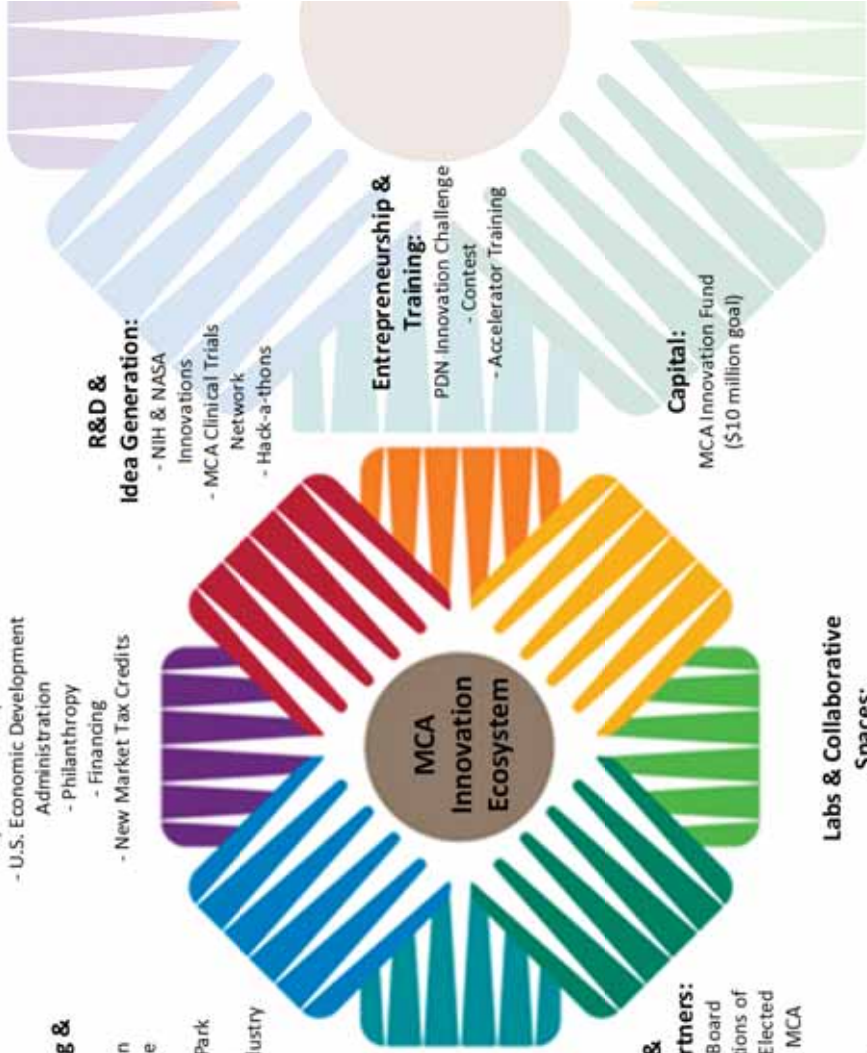
- PDN Innovation Challenge
- Contest
- Accelerator Training

Capital:

- MCA Innovation Fund (\$10 million goal)

Labs & Collaborative Spaces:

- Cardwell Collaborative
- GGHSON & Simulation Labs





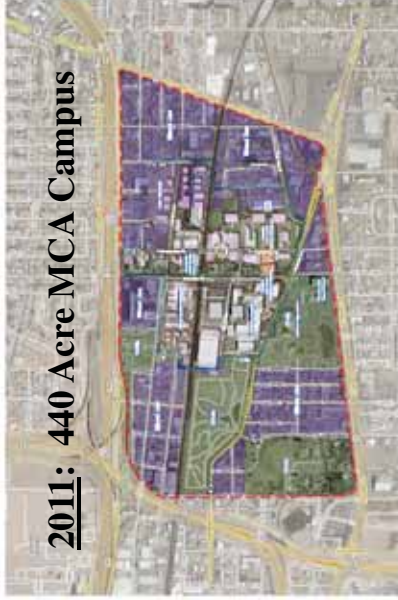
Medical Center of the Americas

2008: 140 Acre MCA Campus



Master Planning for the future

2011: 440 Acre MCA Campus



Re-Zoning....

.... And 13 acre purchase for
“Tech Park” development





City Economic Development Incentive Policy ‘Impact Fund’

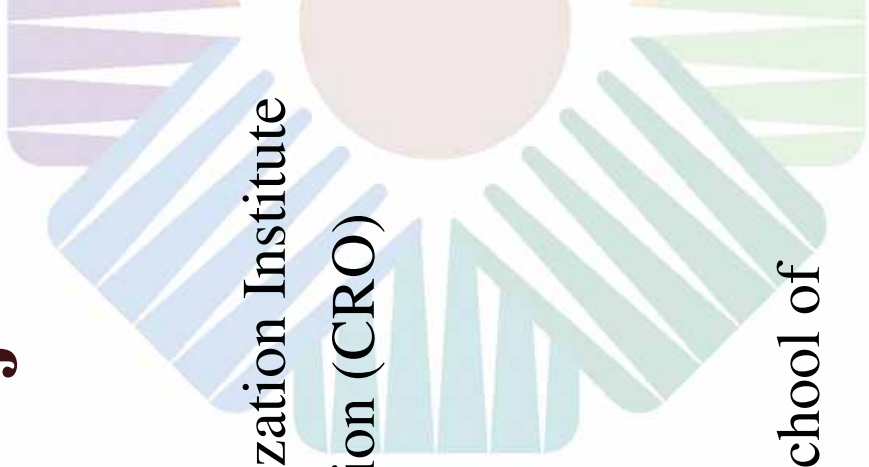
- Policy approved = June 14, 2011
- Contract with MCA = February 7, 2015
- Strategic Objective
 - Dedicate 75% of the annual fund to assist the MCA Foundation to create a **life sciences campus** in the City of El Paso.
 - ~\$2.7 million per year to the MCA
 - 18 years
 - Approximately **\$60 million over 18 years**





MCA Impact Fund Projects

- **A** - Baseline Staffing
- **B** - Planning and Design
- **C.1** - MCA BioTech Commercialization Institute
- **C.2** - Clinical Research Organization (CRO)
- **C.3** - Proof of Concept Fund
- **D** - Land Acquisition
- **D.1** - Parking
- **E** - MCA Tech Building
- **F** - TTUHSC Gayle Greve Hunt School of Nursing Building





Cardwell Collaborative





Bio-Medical Incubator

- Opened in June 2016
 - LEED Silver
 - Fiber to every desk and lab bench
 - Innovation services and frequent programs
 - Fully furnished offices & labs; ample lab equipment
- 60,000 square feet total
 - 20,000 sf – TTUHSC El Paso
 - 20,000 sf – Wet & Dry Labs + Office Incubator
 - 20,000 sf – Medical Center of the Americas + meeting and collaboration spaces



Incubator Spaces:

- Wet & Dry Labs
- Offices





Meeting & Collaboration Spaces





T³@C²

- Tuesday Tech Talks @ the Cardwell Collaborative
- Topics:
 - Research & Innovation
 - Clinical Trials Research
 - Entrepreneurship
 - Bio-manufacturing
 - Doing business in Mexico
 - K-12 education
- 1st event = Eric Pavia, El Paso expat + Stanford Law School + tech entrepreneur
 - <https://www.youtube.com/watch?v=CNLeQofezt8>¹¹





THANK YOU!!

Emma W. Schwartz
President, MCA Foundation

emma@MCAmericas.org

www.MCAfound.org

915-269-2569 cell

5130 Gateway Blvd. East, Suite 110
El Paso, Texas 79905

