Not Your Grandfather’s Med School: Mayo Clinic School of Medicine Transforming Medical Education in Arizona and Worldwide

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Health Care at a Crossroads

- Rising health care costs
- Aging population
- Increasing rates of acute and chronic illness
- Shrinking resources for patient care and research
- Implementing Affordable Care Act
- Declining reimbursement and a fragmented system
Mayo Clinic School of Medicine
National Vision, Infinite Impact

LEAD, TRANSFORM, INNOVATE
& HEAL

• Educate Physicians and Physician Scientists who will **transform** the practice of medicine by healing both patients and the health care system
Mayo Clinic School of Medicine
National Medical School
One School
Three Campuses
Single Governance Structure

• **Minnesota:** 4 Year Campus
  • 54 students/yr

• **Arizona:** 4 Year Campus
  • 2017 opening
  • 50 MD students/yr

• **Florida:** 2 Year Campus
  (Year 3 & 4 Clerkship Option)
  • Up to 8/yr MCR based

* MD-PhD student options
Mayo Clinic in Arizona: Clinic and Hospital Facilities
Mayo Clinic School of Medicine

Partnerships

ARIZONA STATE UNIVERSITY

Mountain Park Health Center

Phoenix Children’s Hospital

Maricopa Medical Center
Mayo Clinic in Arizona
Graduate Education Footprint

- 42 residency programs
  - 135 Residents
  - 70 Fellows
- > 400 medical student and allied health trainees
- Graduate student training
- >580 Staff physicians and scientists
Focus on Teams. Learning to work in teams is a main focus at Mayo—and a sharp departure from traditional training for doctors. “The old model was, you’d go on rounds, the attending would ask a question, and the young resident had to get the right answer,” says Dr. Decker in Scottsdale. “In the new model, you’re part of a team, and somebody else might have the right answer.”

In addition to the Mayo Medical School other articles will focus on community and primary care—four different ways of approaching primary care.
Accelerating Change in Medical Education

AMA Awards $11M to Transform the Way Future Physicians Are Trained

• Indiana University School of Medicine
• Mayo Medical School
• NYU School of Medicine
• Oregon Health Science University School of Medicine
• Penn State College of Medicine
• The Brody School of Medicine at East Carolina University
• Brown University
• University of California, Davis School of Medicine
• University of California, San Francisco School of Medicine
• University of Michigan Medical School
• Vanderbilt University School of Medicine
A New Education Model for Change

- Teaching physicians to:
  - Work in teams
  - Be professional
  - Make decisions with patients
  - Place the interests of our patients first
  - Provide highest value, safest patient care
  - Wellness and health
Mayo Medical School Science of Healthcare Delivery

- Mayo value equation: quality/cost
  - Systems engineering, process improvement
  - Evidence based medicine
  - Patient safety

- Healthcare policy
- Clinical informatics
- Healthcare economics

- Health Policy, Economics, Technology

- High Value Care

- Population-Centered Care
  - Health disparities
  - Wellness/health promotion
  - Health determinants
  - Culturally sensitive care

- Person-Centered Care
  - Shared decision making
  - Individualized care
  - Community resources
  - Patient advocacy

- Team-Based Care
  - Collaboration with interprofessional teams
  - Care transitions

- Leadership
  - Change management
  - Motivation
  - Strategic decision making

- Patients
Science of Healthcare Delivery

• Certificate SHCD
  • Granted to all students
  • Jointly conferred Mayo & ASU

• Master’s SHCD- ASU
Blended Learning

• Intuitive navigation tools within and between lessons
• Clear outline of expectations
Case Studies

Reinforce & extend online learning

- Personal interaction with faculty
  - Less passive, higher quality

- Team-based problem solving
  - Peer interaction, teamwork

- Integrate basic science & healthcare delivery content
  - Real-word examples, complex decision-making
Planned dual degrees in development

- MD-MBA
- MD-JD
- MD- Masters in communication
- MD-HST
Burnout and Alcohol Abuse/Dependence Among U.S. Medical Students

Eric R. Jackson, and Liselotte N. Dyrbye

Burnout Among U.S. Medical Students, Residents, and Early Career Physicians Relative to the General U.S. Population

Liselotte N. Dyrbye, MD, MHPE, Colin P. West, MD, PhD, Daniel Satele, Sonja Boone, MD, Litjen Tan, MS, PhD, Jeff Sloan, PhD, and Tait D. Shanafeld, MD

The Impact of Stigma and Personal Experiences on the Help-Seeking Behaviors of Medical Students With Burnout

Liselotte N. Dyrbye, MD, MHPE, Anne Eacker, MD, Steven J. Durning, MD, PhD, Chantal Brazeau, MD, Christine Moutier, MD, F. Stanford Massie, MD, Daniel Satele, Jeff A. Sloan, PhD, and Tait D. Shanafelt, MD
Innovative Student Support Program
TRAIN AND SUSTAIN
SURVIVING TO THRIVING

CAMP

Resilience Wellness and Health
Individualized Academic Success
Humanism Professionalism
Innovation Servant Leadership
Vocational Excellence Lifelong Learning

THRIVE
Admissions Accomplishments

• Over 2,500 applications received
• Extensive recruitment locally, regionally, nationally
• Applications from AMCAS received starting 6/24/16
• Interviews starting in September
• Appointments begin Fall 2016
Community Impact

Help address Arizona physician shortage
2,400 Arizona physicians needed
Support Arizona’s robust bioscience industry
Create the Physician Leaders of the Future
Mayo Clinic School of Medicine
Arizona Campus
Student Resource/Library
By collaborating with members of the bioscience community, Arizona State University and generous benefactors nationwide, Mayo Clinic will redefine medical education for the 21st century.