

# Preparing for a Health Career at Gustavus



**HEATHER BANKS**  
**HEALTH PROFESSIONS COORDINATOR**

# Healthcare, Job Outlook...EXCELLENT



## Bureau of Labor Statistics, Healthcare, 2010-11 Edition

- As one of the largest industries in 2008, healthcare provided 14.3 million jobs
- Ten of the 20 fastest growing occupations are healthcare related.
- Healthcare will generate 3.2 million new jobs between 2008 and 2018, more than any other industry.

# Why the Growth?



## Bureau of Labor Statistics, Healthcare, 2010-11 Edition

- Aging Population, by 2030 70 million individuals (one-fifth) of Americans will be over 65.
- Advances in Medical Technology
- Shift from in-patient to out-patient care

# MANY Health Career Options



Pre-Med is a great option, but it is not the only great option.

[ExploreHealthCareers.org](http://ExploreHealthCareers.org)

- Dentistry
- Pharmacy
- Physical Therapy
- Occupational Therapy
- Veterinary Medicine
- Physician Assistant
- Speech and Language Pathology
- Genetic Counseling
- Nursing
- Public Health
- And so many MORE!

# Top picks in Healthcare for growth projections



[U.S. News & World Report's](#), source  
America's Best Careers 2011: Healthcare Jobs

“Healthcare continues to offer excellent opportunities”

- Many on the list top the Labor Department growth projections, 2008-2018
- Millions of aging baby boomers heightened demand on healthcare providers

## Top picks in the Healthcare category:

- Athletic Training
- Dental hygienist
- Lab technician
- Massage therapist
- Occupational therapist
- Optometrist
- Physician assistant
- Physical therapist
- Physical therapist assistant
- Radiologic technologist
- Registered Nurse
- School Psychologist
- Dental hygienist
- Veterinarian

# America's Highest-Paying Jobs



[Forbes.com](http://Forbes.com), source (May 17, 2011)

## Top Highest-Paying Jobs

- #1 Surgeons (\$225,390)
- #2 Anesthesiologists (\$220,100)
- #3 Oral & Maxillofacial (\$214,120)
- #4 OB/GYN (210,340)
- #5 Orthodontist (\$200,290)
- #6 General-Internist (\$189,480)
- #7 Physician and Surgeons (all others) (\$180,870)
- #8 Family & General Practice (\$173,860)
- #9 Chief executives (\$173,350)
- #10 Psychiatrists (\$167,610)

# Exploring your Health Career Options



January Interim @ Gustavus is the perfect time!

One month, full-time career exploration, earn one academic credit

A few Health Sites from past January Interim Career Explorations

- Pre-Health January Interim Career Exploration (Mayo Clinic Health System-Mankato, Mankato Clinic & River's Edge Hospital & Clinic)
- Children's Hospital
- Mayo Clinic
- Saint Paul Heart Clinic
- St. Peter Family Dental
- Kind Veterinary Clinic
- Park Nicollet Methodist Hospital
- Family Eye Center
- Woodwinds Hospital
- Fairmont Medical Center
- Pediatric Therapy Services
- Edina Dental Care

# Mankato Clinic Team January 2011





# Additional Exposure opportunities



- Volunteer opportunities, paid clinical (depending on health area and certification) and research opportunities

- Mayo Clinic Health System-Mankato

Exclusive partnership with Mayo, running a pilot program this fall with six pre-medical students volunteering in the Emergency Department

- \*Association of American Medical Colleges (AAMC)

Importance of Application Data to Admission Officers at 113 Medical Schools in their decision to Offer Acceptance

Top four:

Interview recommendation

Letters of recommendation

GPA: Cumulative science and math

Community service: medical

*\*(Source, AAMC Analysis In Brief, Volume 11, Number 6, September 2011)*

# Where do students go AFTER Gustavus?



## Fall 2011, Medical School

19 students (6 class of 2011 and 13 alumni)

- University of Minnesota (8 students)
- University of South Dakota (2 students)
- Medical College of Wisconsin (2 students)
- University of North Dakota (2 students)
- University of Iowa
- Wake Forest University, Winston-Salem, NC
- University of Texas, Galveston, TX
- Uniformed Services University, Baltimore, MD
- Indiana University, Indianapolis, IN

Fall 2010, Medical School- 23 students (14 class of 2010 and 9 alumni)

# Fall 2011 Admits, other Health Professions



## Fall 2011, Dental School

6 students (2 class of 2011, 4 alumni)

Marquette University

Midwestern University-Illinois

University of Minnesota (3 students)

University of Pittsburgh

## Fall 2011, Pharmacy School

4 students (4 class of 2011)

University of Minnesota (3 students)

University of Colorado

## Physical Therapy

- U of MN
- Creighton
- St. Scholastica
- Washington University, St. Louis
- Des Moines University

## Occupational Therapy

- U of MN- Rochester
- Colorado State University
- St. Catherine University
- Thomas Jefferson University

## Veterinary Medicine

- U of MN

# Q: Where does Career Development fit in?



## Health Professions Advising

- Information on Health Careers
- Specific advising for medicine, dentistry, and pharmacy
- General advising for all other health professions
- Online Resources Career Center Website:  
[Health Professions](http://gustavus.edu/careercenter/health/)  
<http://gustavus.edu/careercenter/health/>

## Resources

- Career Library
  - Books, journals, admission guides
  - General career information
- Staff
  - 1:1 career counseling
  - Job search & graduate school application assistance
  - Fairs/events related to career
- Website
  - **GustieJobs** internships and career exploration opportunities

# Health Professions Coordinator

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- Career Counseling on various health professions- explore talents and interests
  - Advice on pre-requisites and program selection
  - Assistance with application and recommendation process
  - Advice on standardized test preparation
  - Health Profession Events (on and off campus)
  - Relationships with professional schools
  - Advisor for pre-dental, pre-medicine, pre-pharmacy clubs
  - Feedback on personal statements & practice interviews
  - Prospective student presentations/meetings

# Pre-Health Advisors



- Kent Kahm  
Pre- Occupational Therapy  
Pre-Physical Therapy
- Jon Grinnell  
Pre-Vet
- Barb Zust  
Nursing & Pre-Public Health
- Jeanne Herman  
Health Education
- Kyle Momsen  
Athletic Training
  
- Heather Banks  
Pre-Medical, Pre-Dental,  
Pre-Pharmacy, and other health  
professions

# Q: Two Advisors- how does that work?



## Faculty Advisor

- Academic Department
- Register for classes
- Work on graduation requirements
- Work on major requirements

## Pre-Health Advisor

- Requirements for professional school
- Professional school application
- Standardized test (e.g. MCAT)
- Personal Statement
- Standardized Application (e.g. AMCAS)
- Practice Interviews

# Student Preparation



- Study hard and take pre-requisite courses
- Maintain good grades and high GPA
- Gain experience
  - Shadowing (two-hours to one day opportunities)
  - January Career Exploration (one month full-time)
  - Research
  - Semester Internships
  - Summer enrichment programs/research programs
  - Volunteer work
  - Experience (EMT, CNA, health services, etc.)



# Admissions: More than Grades and Test Scores



Many factors are important for admission. Being in a competitive range is important.

## **Gustavus Statistics for Admits**

MCAT	32	Range of MCAT	25-38
CU GPA	3.69	Range of CU GPA	3.32-3.95
CU Science GPA	3.60	Range of CU Science	3.15-3.98

## **\*National Statistics for Admits** **Accepted Applicants in 2010**

MCAT	31.1
CU GPA	3.67

*\*Source: AAMC: DW: Applicant Matriculant File as of 10/19/2010*

## **\*Association of American Medical Colleges (AAMC)**

Importance of Application Data to Admission Officers at 113 Medical Schools in their decision to Offer Acceptance

\*8% of applicants with CU GPA 3.80-4.0 and MCAT 39-45 rejected from ALL medical schools to which they applied.

18% of applicants with CU GPA 3.20-3.39 and MCAT 24-26 were accepted by at least one school.

*\*(Source, AAMC Analysis In Brief, Volume 11, Number 6, September 2011)*

# Q: How can parents help?



- **Encourage exploration into health professions**
  - Websites, career resource books, mentoring and shadowing opportunities
  - [ExploreHealthCareers.org](https://www.explorehealthcareers.org)
- **Summer Jobs**
  - Leadership skills & experience in healthcare and human service settings
- **Your student may change directions**
  - Be open, encouraging and flexible

# Questions?

