Pharmacy Admissions Information Session

Sara Lofstrom
Admissions & Career Counselor
Presentation Overview

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  2. PCAT
  3. PharmCAS
  4. Supplemental
  5. Interview
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• Pharmacy Exposure
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• Questions
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• Helping People
• Continuity of Relationships
• Collaboration With Other Professionals
• Educating Other Professionals
• Interpreting Laboratory Values
• Problem Solving
• Focus of Expertise
• Innovative Thinking
• Applying Scientific/Medical Knowledge
• Creating New Knowledge via Research

• Job Security
• Opportunities for Advancement/Leadership
• Income/Benefits
• Geographic Location
• Autonomy
• Variety of Daily Activities
• Professional/Community Prestige
• Unique Practice Environment
• Entrepreneurial Opportunity
• Interacting With Colleagues
• Travel
• Work Schedule
Pharmacy Career Options

- Academia
- Community
- Consulting
- Industry
- Institution
- Regulatory
- Other
2014 University of Minnesota Graduates

- Employment: 46%
- Residency: 48%
- Fellowship: 3%
- Graduate School: 3%
<table>
<thead>
<tr>
<th>Institution Name</th>
<th>Hospital/Residency</th>
<th>Pharmacy/Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbott Northwestern</td>
<td>Fairview Southdale Hospital</td>
<td>Mercy Clinton Medical Center</td>
</tr>
<tr>
<td>Allina Mercy/Unity Hospitals</td>
<td>Fairview/UMMC</td>
<td>Mercy Hospital</td>
</tr>
<tr>
<td>Allina/United Hospital - PGY1</td>
<td>Firstlight Health System</td>
<td>Mercy Hospital - PGY1 Residency</td>
</tr>
<tr>
<td>Aspirus Keweenaw</td>
<td>Froedtert Hospital</td>
<td>Mercy Medical Center</td>
</tr>
<tr>
<td>Aurora Health Care Metro, Inc.</td>
<td>Glendale Adventist Medical Center</td>
<td>New Ulm Medical Center Ambulatory Care Residency</td>
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<tr>
<td>Carlson MBA</td>
<td>Goodrich pharmacy</td>
<td>North Memorial Medical Center</td>
</tr>
<tr>
<td>Children’s Hospitals and Clinics of Minnesota</td>
<td>Grand Itasca Clinic and Hospital</td>
<td>North Memorial Medical Center / Walgreens</td>
</tr>
<tr>
<td>Coborn’s</td>
<td>Guidepoint Pharmacy</td>
<td>Northwestern University</td>
</tr>
<tr>
<td>Cub</td>
<td>Gundersen Lutheran Medical Center</td>
<td>Omnicare</td>
</tr>
<tr>
<td>Cub Pharmacy PGY1 Residency</td>
<td>HCMC</td>
<td>Park Nicollet - U of M Ambulatory Care Residency Program</td>
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<tr>
<td>CVS Caremark</td>
<td>Health East</td>
<td>Park Nicollet Methodist Hospital</td>
</tr>
<tr>
<td>Ephraim McDowell Regional Medical Center</td>
<td>Health East St. John’s Hospital</td>
<td>Pfizer, Inc. and Rutgers Pharmaceutical Industry Fellowship Program</td>
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<tr>
<td>Essentia Health &amp; Kmart</td>
<td>Health Economics Outcomes Research-Scott &amp; White</td>
<td>Prime Therapeutics Residency</td>
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<td>Essentia Health Inpatient Pharmacy</td>
<td>HealthPartners</td>
<td>Providence monroe PGY1 ambulatory care</td>
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<td>Essentia Health St. Mary’s Medical Center</td>
<td>Lake Region Healthcare</td>
<td>Providence Sacred Heart Medical Center and Children’s Hospital</td>
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<tr>
<td>Essentia Health University of MN Ambulatory Care</td>
<td>Maricopa County Medical Center</td>
<td>Regions Hospital</td>
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<tr>
<td>Essentia-St. Mary’s Medical Center PGY1 Residency</td>
<td>Mayo Clinic Health System - Eau Claire Hospital</td>
<td>Residency with CUHCC clinic; employed with Walgreens (part time)</td>
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<tr>
<td>Express Scripts</td>
<td>Mayo Clinic Health System Mankato</td>
<td>Safeway</td>
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<tr>
<td>Fairview</td>
<td>MBA Carlson</td>
<td>SEARHC- Southeast Alaska Regional Health Consortium (full-time hospital/clinic pharmacist)</td>
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<td>Fairview Ambulatory Care Residency</td>
<td>Medix</td>
<td>Sharp Health Care</td>
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<td>Fairview Northland Medical Center</td>
<td>Mercy &amp; Unity</td>
<td>Shopko</td>
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One application process: Duluth and Twin Cities

All Are Welcome!
International Applicants

- Foreign coursework evaluation
- GPA only includes US grades
- TOEFL is required if not a full-time student in the US

z.umn.edu/international
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<th>Courses Required</th>
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<td>1 course</td>
</tr>
<tr>
<td>Microbiology with lab</td>
<td>1 course</td>
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<tr>
<td>Human Anatomy</td>
<td>1 course</td>
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<tr>
<td>Human Physiology</td>
<td>1 course</td>
</tr>
<tr>
<td>Advanced Biology</td>
<td>1 course</td>
</tr>
<tr>
<td>Calculus</td>
<td>1 course</td>
</tr>
<tr>
<td>Statistics</td>
<td>1 course</td>
</tr>
<tr>
<td>General Chemistry with labs</td>
<td>2 courses</td>
</tr>
<tr>
<td>Organic Chemistry with labs</td>
<td>2 courses</td>
</tr>
<tr>
<td>General Physics (calculus-based)</td>
<td>1 course</td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences</td>
<td>2 courses</td>
</tr>
<tr>
<td>Advanced English Composition</td>
<td>1 course</td>
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<tr>
<td>Public Speaking or Interpersonal Communication</td>
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## Prerequisite Courses

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Prerequisite Course Requirements

- Regionally accredited college or university
- 3 semester credits
- Grade of “C-” or higher
- AP credits count

z.umn.edu/prereqs
Course Planning Tips

• Upper-level courses

• Full course loads

• Guide of Approved Prerequisites
  – z.umn.edu/guide

• On track for a bachelor’s degree
  – Any major
PCAT

<table>
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<tr>
<th>Chemistry</th>
<th>Biology</th>
<th>Math</th>
<th>Writing</th>
<th>Reading</th>
<th>Verbal</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>General &amp; Micro</td>
<td>Algebra → Calculus</td>
<td>Conventions</td>
<td>Comprehension</td>
<td>Analogies</td>
</tr>
<tr>
<td>Organic &amp; Biochemistry</td>
<td>Anat &amp; Phys</td>
<td>Probability &amp; Stats</td>
<td>Problem Solving</td>
<td>Analysis</td>
<td>Sentence Completion</td>
</tr>
</tbody>
</table>

- Only offered 3 times per year:
  - July
  - Sept/Oct/Nov
  - January
PCAT Prep

• Registration
  • 2 months ahead
  • Select PharmCAS

• Study Options
  • Study books
  • Online practice test
  • UMN prep course: z.umn.edu/pcat

• “Should I retake it?”
Academic Requirement

Minimum requirement to apply, fulfill one of the following:

- 3.0 overall PharmCAS GPA
  
  or
  
- 3.2 GPA in most recent 60 credits
  
  or
  
- 70% or higher PCAT
Two applications are required:

1. **PharmCAS application**: [www.pharmcas.org](http://www.pharmcas.org) (July – February)
   - Transcripts
   - Personal statement
   - Work & volunteer experience
   - Three letters of recommendation
   - Fee ($150+)
   - PCAT scores (Code 104)

2. **Supplemental application**: (August – March)
   - Additional essay questions
   - Fee ($75)
Rolling Admissions

- PharmCAS application deadline: February 1
- Supplemental application deadline: March 1
- Interviews available October - March
Example Timeline

- **Done prereqs**: Spring
- **Start PharmCAS**: July
  - **Take PCAT**: July
  - **Finish PharmCAS**: August
    - **Complete supplemental**: September
      - **Interview**: October
        - **Admissions Decision**: November
Interview Day

• 360 interviews per year

• 40 minutes one-on-one with a College of Pharmacy representative

• “Why pharmacy? Why U of M?”

• Learn more about the program

www.healthcareers.umn.edu/shortcourses/Interviewing
Selection Criteria

• Academic achievement
• Understanding & motivation for pharmacy
• Work experience
• Community/volunteer service & leadership
• Three letters of recommendation
• Application essays
• Unique factors that contribute to a diverse student body
• On-campus interview
2013-2015 Admissions Statistics

• 3.5 average GPA
  o Range 2.5-4.0
• 82% average PCAT
  o Range 25-99%
• Average age: 22
• 64% female/36% male
• About 90% bachelor’s degree
Pharmacy Exposure

- Preview Day
- Undergraduate pharmacy courses
- Work or volunteer at a pharmacy
- Job shadow pharmacists in various settings
- Read pharmacy articles: z.umn.edu/facebook
- Join a Pre-Pharmacy Club
Costs & Financial Aid

- In-state: $25,112
- Out-state: $36,760
- FAFSA = student loans
- $550,000 scholarships
- $80,000 loan forgiveness program
- $120,000 average starting salary
Contact Us

pharmacy@umn.edu
612-624-9490

Schedule an Appointment
If you have gmail, schedule directly at z.umn.edu/sara