Graduate Degrees in Public Health
Dorothy Biberman, MPH, CPH
Director of Global Engagement and Executive Initiatives
ASPPH is the voice of academic public health, representing schools and programs accredited by the Council on Education for Public Health (CEPH).
Vision

Improved health and well-being for everyone, everywhere.
Mission

To advance academic public health by mobilizing the collective power of our members to drive excellence and innovation in education, research and practice.
Skills for Success
# We Need Translational Skills for the Future of Work

<table>
<thead>
<tr>
<th>Cognitive</th>
<th>Interpersonal</th>
<th>Self-leadership</th>
<th>Digital</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Critical thinking</strong></td>
<td><strong>Mobilizing systems</strong></td>
<td><strong>Self-awareness and self-management</strong></td>
<td><strong>Digital fluency and citizenship</strong></td>
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<tr>
<td>• Structured problem solving</td>
<td>• Role modeling</td>
<td>• Understanding own emotions and triggers</td>
<td>• Digital literacy</td>
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<tr>
<td>• Logical reasoning</td>
<td>• Win-win negotiations</td>
<td>• Self-control and regulation</td>
<td>• Digital learning</td>
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<tr>
<td>• Understanding biases</td>
<td>• Crafting an inspiring vision</td>
<td>• Understanding own strengths</td>
<td>• Digital collaboration</td>
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<tr>
<td>• Seeking relevant information</td>
<td>• Organizational awareness</td>
<td>• Integrity</td>
<td>• Digital ethics</td>
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<tr>
<td><strong>Communication</strong></td>
<td></td>
<td>• Self-motivation and wellness</td>
<td><strong>Software use and development</strong></td>
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<tr>
<td>• Storytelling and public speaking</td>
<td></td>
<td>• Self-confidence</td>
<td>• Programming literacy</td>
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<tr>
<td>• Asking the right questions</td>
<td></td>
<td></td>
<td>• Data analysis and statistics</td>
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<tr>
<td>• Synthesizing messages</td>
<td></td>
<td></td>
<td>• Computational and algorithmic thinking</td>
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<tr>
<td>• Active listening</td>
<td></td>
<td></td>
<td><strong>Understanding digital systems</strong></td>
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<tr>
<td><strong>Planning and ways of working</strong></td>
<td><strong>Developing relationships</strong></td>
<td><strong>Entrepreneurship</strong></td>
<td>• Data literacy</td>
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<tr>
<td>• Work-plan development</td>
<td>• Empathy</td>
<td>• Courage and risk-taking</td>
<td>• Smart systems</td>
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<tr>
<td>• Time management and prioritization</td>
<td>• Inspiring trust</td>
<td>• Driving change and innovation</td>
<td>• Cybersecurity literacy</td>
</tr>
<tr>
<td>• Agile thinking</td>
<td>• Humility</td>
<td>• Energy, passion, and optimism</td>
<td><strong>Tech translation and enablement</strong></td>
</tr>
<tr>
<td>• Ability to learn</td>
<td>• Sociability</td>
<td>• Breaking orthodoxies</td>
<td></td>
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<tr>
<td><strong>Mental flexibility</strong></td>
<td></td>
<td></td>
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<tr>
<td>• Creativity and imagination</td>
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<tr>
<td>• Translating knowledge to different contexts</td>
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<td>• Adopting a different perspective</td>
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<tr>
<td>• Adaptability</td>
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</tbody>
</table>

- **Entrepreneurship**
  - Courage and risk-taking
  - Driving change and innovation
  - Energy, passion, and optimism
  - Breaking orthodoxies

- **Teamwork effectiveness**
  - Fostering inclusiveness
  - Motivating different personalities
  - Resolving conflicts
  - Collaboration
  - Coaching
  - Empowering

- **Goals achievement**
  - Ownership and decisiveness
  - Achievement orientation
  - Grit and persistence
  - Coping with uncertainty
  - Self-development

**Mobilizing systems**
- Role modeling
- Win-win negotiations
- Crafting an inspiring vision
- Organizational awareness

**Self-awareness and self-management**
- Understanding own emotions and triggers
- Self-control and regulation
- Understanding own strengths
- Integrity
- Self-motivation and wellness
- Self-confidence

**Developing relationships**
- Empathy
- Inspiring trust
- Humility
- Sociability

**Entertainment**
- Courage and risk-taking
- Driving change and innovation
- Energy, passion, and optimism
- Breaking orthodoxies

**Goals achievement**
- Ownership and decisiveness
- Achievement orientation
- Grit and persistence
- Coping with uncertainty
- Self-development

**Digital fluency and citizenship**
- Digital literacy
- Digital learning
- Digital collaboration
- Digital ethics

**Software use and development**
- Programming literacy
- Data analysis and statistics
- Computational and algorithmic thinking

**Understanding digital systems**
- Data literacy
- Smart systems
- Cybersecurity literacy
- Tech translation and enablement

McKinsey & Company, 2021
How We Think and Work

Critical thinking  Communication  Problem solving
Agile thinking  Work management  Creativity
Lifelong learning  Adaptability
How We Interact with Others

- Empathy
- Humility
- Trust building
- Motivational
- Conflict resolution
- Collaboration
- Empowering
- Inclusiveness
How We Manage Ourselves

Integrity  Emotional awareness  Persistence  Self control
Wellness  Innovation  Passion  Coping mechanisms
Why Public Health?
Translational Skills Gained Through Education in Public Health

- Values & Ethics
- Data analysis
- Systems thinking
- Collaboration
- Building partnerships
- Inclusiveness & equity
- Critical thinking
- Lifelong learning
- Cultural competence
- Evaluation
- Project management
- Leadership
- Conflict resolution
- Communication
Be Part of the Public Health Workforce

Purpose

Meaningful work

Passion

What you care about

Impact

Tens to billions of people
Interest in Public Health has Grown for Decades

The number of graduate public health degree conferrals increased more than 300%

247,909 degrees have been awarded since 1992.

The Pandemic Drove Even Greater Interest: Data from ASPPH

- March 2020: 17,353 applications
- March 2021: 24,176 applications

40% increase

Source: SOPHAS
Black and Hispanic Applicants Increased Post-Pandemic

Percent of U.S. citizen applicants by race/ethnicity, 2020

August 2019 to March 15, 2020 (n = 10,379)

- White: 50%
- Asian: 16%
- Black or African-American: 15%
- Hispanic/Latino: 12%
- Two or More Races: 4%
- American Indian/Alaska Native: 0%
- Natie Hawaiian/Pacific Islander: 0%
- Race Unknown: 3%

March 15 – August 4, 2020 (n = 7,029)

- White: 44%
- Asian: 14%
- Black or African-American: 22% (+6.8%)
- Hispanic/Latino: 14% (+1.8%)
- Two or More Races: 3%
- American Indian/Alaska Native: 0%
- Natie Hawaiian/Pacific Islander: 0%
- Race Unknown: 3%

Source: SOPHAS Data (87 participating institutions)
Top Employers of Public Health Graduates

- Health Care Organization: Master's (n=17,569), Bachelor's (n=2,483), Doctoral (n=902)
- Academic Institution: Master's (n=17,569), Bachelor's (n=2,483), Doctoral (n=902)
- For-Profit Organization: Master's (n=17,569), Bachelor's (n=2,483), Doctoral (n=902)
- Government Agency: Master's (n=17,569), Bachelor's (n=2,483), Doctoral (n=902)
- Non-Profit Organization: Master's (n=17,569), Bachelor's (n=2,483), Doctoral (n=902)
- Other Employment Sector: Master's (n=17,569), Bachelor's (n=2,483), Doctoral (n=902)
- Self-employed: Master's (n=17,569), Bachelor's (n=2,483), Doctoral (n=902)

Data Source: ASPPH Annual Reporting
Opportunities for Careers Abound

New and non-traditional fields
• Media consultation (news, TV/movies, documentaries)
• Transportation
• Education
• Engineering
• Law

New titles – diverse applicants
• Disease Detectives
• Professional Extroverts
• Creative Messengers
• Helping Professionals
• Leaders and Managers
• Hands-on Inspectors and Enforcers
• Heroes in Lab Coats
• Regulatory Compliance Specialist

https://www.themuse.com/advice/public-health-careers-jobs-list
National and Global Focus on Building Public Health Workforce

NATIONAL STRATEGY FOR THE COVID-19 RESPONSE AND PANDEMIC PREPAREDNESS

JANUARY 2021

National workforce capacity to implement the essential public health functions including a focus on emergency preparedness and response

Roadmap for aligning WHO and partner contributions

GOARN
GLOBAL NETWORK
GLOBA
TEPHINET
Education Levels & Career Opportunities

Undergrad
- BA; BS
- Provides lens through which to view the world
- Entry level, health educators, health depts., non-profits; private

Masters
- MPH; MS; MHA
- Joint Degrees
- Prepare you for practice; research
- More experienced; federal/state; non-profits; private industry

Doctoral
- DrPH; PhD
- Focus on practice & leadership (DrPH); research (PhD)
- Leadership positions; research; academia
Academic Program Finder

AREA OF STUDY
- All
- Aging/Gerontology
- Agricultural Safety and Health
- Bachelor's/MPH
- Behavioral and Social Science
- Bioethics

INSTITUTION
- All (128)
  - CEPH Accredited (120)
  - CEPH Applicant (8)
- A.T. Still University College of Graduate Health Studies
- American University of Beirut - Faculty of

KEYWORD
- e.g. Diabetes, Chronic Disease, Tobacco

LOCATION
- e.g. Baltimore MD
- 25 Mi

DEGREE
DELIVERY METHOD
START TERM
ADDITIONAL FILTERS

SEARCH

[Clear Filters]

ASPPH.ORG | ThisIsPublicHealth.org | SOPHAS.ORG
Environmental and Occupational Health

Professionals in this area improve health via the reduction of environmental and/or occupational job hazards or stressors. They may work in government agencies, non-profits, or private companies, or for non-governmental organizations. They may be involved in all aspects of environmental and occupational health, from designing workplace or residence environments to developing regulations for workplace health and safety. Environmental health professionals in the public sector work to improve the health of individuals and populations by regulating environmental hazards that may affect human well-being. They advocate for health improvements through legislation and regulations, investigate and control environmental hazards, and provide advice to minimize health risks. In private industry, environmental health professionals are often employed as environmental managers, environmental health officers, or environmental health consultants. Occupational health professionals work to prevent workplace injuries and illnesses through the development and implementation of workplace health and safety programs and policies. They may conduct workplace health and safety inspections, develop workplace health and safety policies, and implement workplace health and safety programs and training to minimize workplace injuries and illnesses. They may also conduct workplace health and safety research, develop workplace health and safety guidelines, and provide workplace health and safety education and training. Public health professionals in this area work to improve the health of individuals and populations by reducing environmental and occupational health hazards. They may conduct workplace health and safety inspections, develop workplace health and safety policies, and implement workplace health and safety programs and training to minimize workplace injuries and illnesses. They may also conduct workplace health and safety research, develop workplace health and safety guidelines, and provide workplace health and safety education and training.
TIPH Student Ambassadors

Ambassador Takeover
Nneoma U.
MPH Student in Epidemiology
University of Pittsburgh
Graduate School of Public Health

Ambassador Takeover
Lasya R.
MPH Candidate in Health Behavior & Health Education
University of Michigan
School of Public Health

Ambassador Takeover
Anushree Gade
MPH Student in Maternal and Child Health Policy & Leadership
University of Alabama at Birmingham
School of Public Health
TIPH Virtual Fairs

July  September  November  January
TIPH Book Club

The Ten Year War: Obamacare and the Unfinished Crusade for Universal Coverage  
Jonathan Cohn

The Political Determinants of Health  
Daniel E. Dawes

You Don't Have to Be a Doctor  
Jeffrey Oxendine

goodreads.com
## Financing Your Degree

### Scholarship Database

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<th>Category</th>
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<tr>
<td>Citizenship Requirement</td>
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<td>Minority and Underserved Populations</td>
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<td>Applicant-Specific Criteria</td>
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<tr>
<td>State and Federal Aid</td>
</tr>
<tr>
<td>Financial Need</td>
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<tr>
<td>Area of Study</td>
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</tbody>
</table>

[aspph.org/study/financing-your-degree](aspph.org/study/financing-your-degree)
Loan Forgiveness and Repayment Programs

Public Service Loan Forgiveness Program
• Government and 501c3 non-profit full-time employee
• Any degree
• Qualifying loan
• 120 payments (10 years)

https://studentaid.gov/manage-loans/forgiveness-cancellation/public-service
https://pslfcoalition.org/

Public Health Loan Repayment Program
• Passed by the House, being reintroduced by the Senate
• Must commit to 3-year, full-time employment at local, state, or tribal health department
• Public health, health professions, information science related degrees only
• $35,000 repayment annually based on service completed

Opportunities to Gain Experience

shpep.org | Healthcareers.org | cdc.gov/phap
Find Your Place In The Public Health Field

Kickstart your job search, advance your career, or volunteer to help fight the COVID-19 pandemic

Keywords Location

Search Jobs

2,000+ Jobs Posted
1,300+ Employers
205 Candidate Countries
Apply to CEPH-Accredited Schools and Programs of Public Health
Create a Stellar Application

Ability to be Successful in Grad School

- Academic Indicators
- Prior Experience
- Clear Purpose
- Strong Recs
General Application Requirements

- Official Transcripts
- Standardized Test Scores*
- 2-3 Letters of Recommendation

Additional Requirements

Statement of Purpose
Resume
Writing Your Statement of Purpose

Tell Your Story

Why Public Health?  
What Career Goals?  
Why THIS School/Program?
Thank You!

Dorothy Biberman, MPH, CPH
Director of Global Engagement and Executive Initiatives
dbiberman@aspph.org