

Boston University School of Public Health
Office of the Dean
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bu.edu/sph



April School Assembly
April 20, 2021

School Assembly

April 20, 2021

Boston University School of Public Health



Agenda

1. Dean's update
2. Administration
3. Research & Faculty Advancement
4. Education
5. Practice
6. School survey alumni, van Heugten, Tellalian, Healey
7. School survey employers, Toby
8. Idea Hub update
9. Staff senate
10. Faculty senate
11. Spotlight on Think. Teach. Do.; Milton-Hicks
12. Other

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12. Other

1. Dean's update

Dean Sandro Galea (sgalea@bu.edu) welcomed the community to the April School Assembly and provided brief updates on the work of the school.

School Survey 2020, background

- Collection period: November 1 – November 24, 2020
- Survey administration mirrored 2018 and 2019 surveys
 - Invitations were distributed from a dedicated email address busphsvy@bu.edu
 - Invitations were personalized (“Dear Jane..”)
 - Respondents received weekly reminders if the survey was not complete
- Survey was administered by BEDAC
 - BEDAC staff signed a NDA

Survey presentations

Internal populations – March 2021

- Faculty
- Staff
- Students

External communities – April 2021

- Alumni
- Employers and practicum supervisors

Diversity and inclusion – May 2021

School Survey contacts

Alumni

Jacoba van Heugten
Assistant Dean of Development and Alumni
Relations
jjvh@bu.edu

Benefits

Ira Lazic
Associate Dean of Administration
iralazic@bu.edu

Diversity, Equity, Inclusion, & Justice

Yvette Cozier
Assistant Dean for DEIJ
yvettec@bu.edu

Employers & practicum supervisors

Lisa Toby
Assistant Dean of Career Services
ltoby@bu.edu

Faculty

Alana Brennan
Chair of the Faculty Senate
abrennan@bu.edu

Staff

Nick Gooler
Chair of Staff Senate
gooler@bu.edu

Students

Mary Murphy-Phillips
Director of Graduate Student Life
mcmurph@bu.edu

2. Education

Dean Lisa Sullivan (lsull@bu.edu) provided updates from the Education Office.

Updates

1. Announcements
2. Admissions, recruiting and yield
3. Education Committee polices, program changes
4. Registrar's Office
5. Graduate Student Life
6. Career and Practicum Office
7. Lifelong Learning
8. Faculty development opportunities

A BIG
thank
you


1. Announcements

- Summer 2021
 - Last semester of LfA
 - Course moderator program continued
- Fall 2021
 - Return to in-person courses
 - Some OL options (more to come)
 - Virtual exception
- Spring 2022
 - Return to in-person
 - OL options

Virtual exceptions

- MPH students completing program requirements in fall 2021 who live outside of the area
- Incoming international MS students who cannot secure visa in time
- All other students will attend in-person

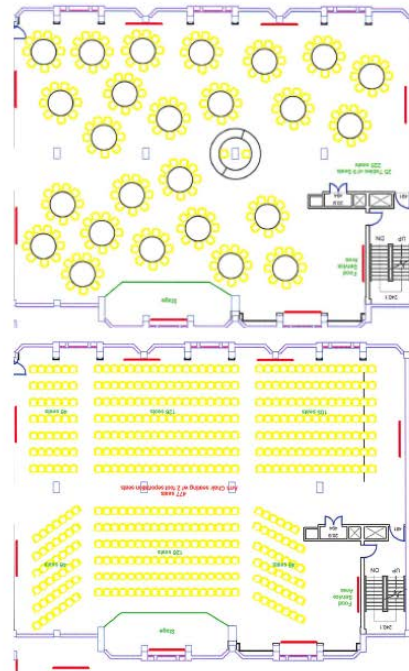
- Requests will be submitted via electronic form before August 1

Continue community around teaching & learning

- Build on our successes
- Address challenges
- Let's not return to pre-pandemic practices
 - Technology-enhanced programs
 - Flexible options
 - More inclusive and accessible education
- Next sessions – OL course development, consistent principles for virtual exceptions

Construction projects

- L-4 team-based learning space
 - Groups of 6-8, 500 seats
- Educational technology upgrades (670 Albany, 107/108)



Advising working group

- Gathering data (within and outside of BUSPH)
- Evaluating different advising models
- Discussing roles and responsibilities, expectations, accountability
- Recommendations coming

Annual program review

- Gathering data, preparing report
- Draft due May 31, 2021
- Site visit fall 2021 (dates, TBD)

Looking for research mentors

MS in Population Health Research, 400 hours

- Climate and health
- Epidemiology
- Global health
- Translation and implementation science
- Custom

Please contact Professor Andrew Stokes, acstokes@bu.edu

2. Admissions

2021 applications

Standard MPH	2,349 (+ 40%)
Exec MPH	36 (+157%)

MS in Biostatistics*	163 (+10%)
MS Applied Biostatistics	165 (-22%)
MS Pop Health Research	82 (-30%)

PhD Biostatistics*	281 (+30%)
PhD EH	78 (+5%)
PhD Epi	279 (+10%)
PhD HSR	121 (+1%)
DrPH	133 (+30%)

* joint w/GRS

Yield activities

- Virtual accepted students days
 - Saturday, March 13 (300 attendees)
 - Friday, April 23 (~200 attendees)
- Program-specific information sessions
- Q&A sessions with the Dean
- Extensive tailored communication sequences, ongoing

Deposits are strong, quality is very high

Paid digital advertising

Running in FY21

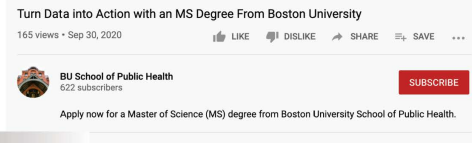
- Google Display
- Pay-Per-Click (PPC)
- Facebook/Instagram
- LinkedIn
- YouTube

Jan. 1–Mar. 31, 2021

- Total Impressions: 7,979,359
- Total Clicks: 12,298
- Total Conversions: 4,092 (+108% YoY)

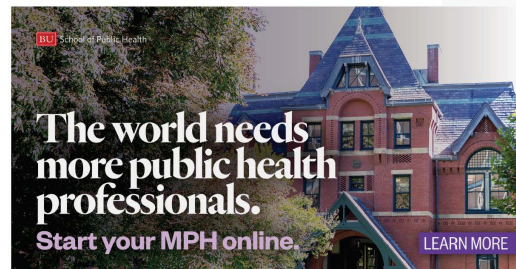


Google Display



YouTube

LinkedIn

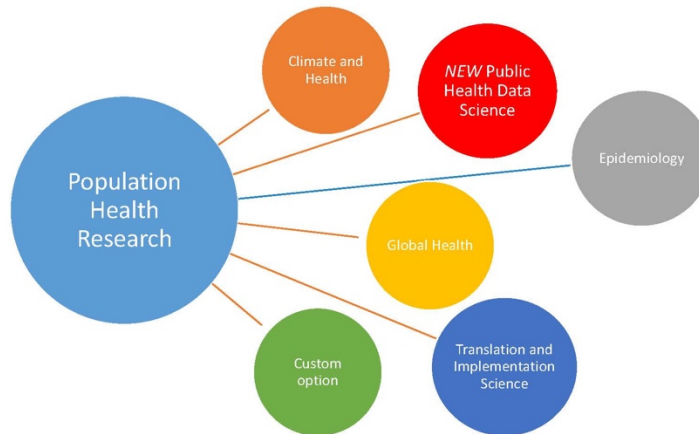


3. Education Committee policies, program changes

- Infusing DEIJ throughout curriculum
 - SPH reads
 - Syllabus review
 - New requirements?
 - DEIJ objectives in each component
- OL approach (which courses, when, how)
- **NEW** on-site (OL?), experiential learning courses
- Course evaluation project
 - Streamlining evaluation form
 - Adding flexibility for faculty (add questions, timing)

MS in Population Health Research

Essentials of population health research – **Online**
24 credits specialized coursework – **Online and in person options**
Mentored research experience
Research skills and dissemination



New MS/MPH with
MS in Genetic
Counseling at GMS
(Fall 2022)

PH Data Science
option opens
Fall 2021

4. Registrar's Office

Fall 21 registration

- Opened for SPH students on Saturday, April 10
- 568 continuing students registered, ~70% of continuing students
- Seat reservations expire after two weeks
- Incoming student registration will begin later in April

Waitlist

- 177 waitlist entries over 37 classes
- Departments sent waitlist data reports, first report sent April 16
- Waitlist offers will begin April 26

5. Graduate Student Life

- Academic support resources
- Student organizations/engagement
- Wellness

Academic support resources

Public Health Writing Program

Appointments have decreased this semester - Zoom fatigue

Core Course Tutoring Program

86 clients, > 400 tutoring hours to date this semester, students seeking out individual tutoring services, report missing opportunities to connect with faculty, TAs, peers

Student Success Workshops

- A New Chapter: Making the Most of your First Semester
- The Final Stretch: Making the Most of your Last Semester
- Writing Towards Civic Clarity
- Budgeting Basics (w/Student Financial Services - very popular!)

Looking Ahead

- Summer Orientation for Exec MPH, MS programs
- *NEW* mentorship/support program for first-gen students to pilot Fall 2021

Student organizations/engagement



Student Senate currently running an SPH apparel campaign

<https://busph-online-store.square.site/>

Student orgs joined two nationwide social media campaigns to raise awareness of personal safety to stop the spread of COVID-19

See #WHYIWEARAMASK and #STOPTHESPREAD

Queer Alliance (STH, UMOJA and BU Black Student Union) - Beyond Brunch event on Queer and Trans Relationships with Food, Body, and Identity

Raised > \$2,000 for panelists and food pantry for Queer and Trans communities.

Engagement activities

- Women in Public Health Panel, Speed Dating, Paint Nights, Monthly Newsletters
- ISO Celebrating HOLI Festival – created individual packages including colorful powders for students to join in celebrating love, spread of happiness with arrival of spring/good harvest

Student organizations/engagement

Student Senate Annual SPH Talent Show was held virtually on April 9

Singing, dancing, comedy, scavenger hunt, raffle and prizes

National Public Health & Graduate Appreciation Week, April 5-11

GSL left daily takeaways in the student lounge (Monday-stress relief supplies, Tuesday-cookie decorating, Wednesday-paint supplies, Thursday-fruits, and Friday-masks and hand sanitizers)

Upcoming Student Senate Public Health Forum, April 30-May 1

242 registrants (87 BUSPH)

10 BUSPH abstracts (10 HPL, 2 GH, 1 MHSU)

Wellness

- 50 student check-ins (stress management, referrals, etc.)
- Rotating schedule of chair yoga, meditation, PMR, dance party
- Program & population specific check-ins (4+1 students, international & doctoral students)
- Scavenger hunt (50 Boston-based student teams to get to know city and each other)
- Newsletters (weekly – students, monthly – faculty & staff)
- Monthly Be You Staff/ Faculty Wellness Check-In
- Grant support (Well-being project funds lunch & learn sessions)
- Finals week self-care market on Talbot Green, provided items to 100+ students (all med campus schools)
- Faculty resource guide for supporting students (if you missed it – contact sphwell@bu.edu)
- ASPPH presentation (On the value of a Wellness Coordinator position at SPH)

6. Career & Practicum Office

2020 employment data closed in February

- 93% employed or continuing ed in 2020 (94% in 2019)
- Average salary: \$65,324 | Median \$61,000
- All data can be found on CPO website

Practicum

- 316 practicums began in 2020, many are still ongoing
- Many cancelled or disrupted
- CEPH allowed practicums with faculty – thank you, and please let us know if you have more needs!

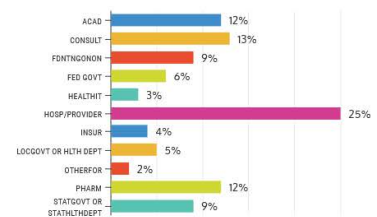
2020 MPH EMPLOYMENT DATA



Employed or Continuing Education within 6 months.*

- 92% Domestic Public Health
- 8% Combination of Global and Domestic Public Health
- Average Salary: \$55,324**
- Median Salary: \$61,000

INDUSTRY BREAKDOWN



*Data represents status of 93% of MPH graduates (N=433). This is "6-month" data. It does not include graduates who started employment at their own risk, or those not seeking positions.

**Salary data is based on information provided. It does not include data for graduates who earned employment at their own risk or in 60/90th percentiles.

Career PREP – PH746

- 210 students enrolled in 3 sections this semester; seats still available for summer
- Required for MPH students, but all degree students are encouraged to attend
- Can be taken in any semester

**Please encourage students to read the weekly career newsletter on Fridays to find job and practicum opportunities, upcoming workshops, and employer info sessions!*

Alumni career advising

Career appointments are tripling, lot of self-reflection during difficult year of COVID

First-Ever Virtual Career & Practicum Fair

- 84 employers, 389 students & graduates
- Pro: attracted more out-of-state employers, Con: not the same interactive experience

Career equity audit

- Three graduating cycles of student survey feedback plus 2 student focus groups
- Analyzing data to determine areas for improvement: advising, programming, practicum host & employer relations

7. Office of Lifelong Learning

- Formed in Summer 2020
- Combined OLL/PHX team with the Activist Lab Workforce Development Training Centers
- Digital media, administration, training centers, instructional design
- Located on Talbot 1 West





- **Summer Institute 2021 –**

- GIS
- Lean Management in Healthcare – Green Belt
- Mini-MPH: new versions with CNE/CME credit:
 - School Nurses, Nurses, and Physicians

- Essentials of Biostatistics with SAS JMP
- Data to Dashboards
- Essentials of Population Health Research

- **Summer Youth Programs –**

- PopHealth Experience – 7th-9th grade
- Master Academy in Population Health – 10th -12th grade

- **SPH Academic Programs online courses -**

- Exec MPH
- Essentials of Population Health Research
- MS online courses

- **Custom Programs -**

- MA Department of Health:
 - Vaccine Training Program
 - Project FirstLine
 - MAVEN System Training
- BPHC: Management Development Program

Upcoming Collaborations:

- ideaHub
- DAR

Audience: MA School Nurses
Established July 2016
Funded by MDPH

Mid Year Report:

Trainings*: 68

Participants: 2,470

*Online, Blended, Live Zoom

PI: Anne Fidler
Kathleen Macvarish

Director: Beverly Heinze-Lacey
bhlacey@bu.edu



FY21 Focus:

- Ensure access to mandated trainings
- Provide training and resources school nurses need to manage COVID-19 in their school communities.
- Continue development of SHIELD's School Nurse Leadership Training Institute

NEPHTC Highlights

Numbers

12 partner organizations
30 experts
27 students placed
3 strategic skills priorities
44K participants last year
14K email subscribers
221 online trainings
3 needs assessments
5 national collaborations

Collaboration

Tell your friends!



<https://publichealthlearningagenda.org/apply-to-be-a-pilot-tester/>

Questions? Karla Todd Barrett, Snr Program Manager, toddks@bu.edu

LOCAL PUBLIC HEALTH INSTITUTE OF MASSACHUSETTS

- Public Health Workforce Training for the 351+ cities/towns in MA since 2010
- Funded by MA DPH Office of Local & Regional Health
- 4398 training instances in FY2020
- Foundations for Local Public Health course will be required minimum training
- 54 On Your Time trainings (and growing)
- Managing Stress in Disasters course featured on CDC Learning Connection
- Visit our website at <https://sites.bu.edu/masslocalinstitute/>



LOCAL PUBLIC HEALTH

8. Faculty development

- McCahan Education Day
Teaching self-directed learners in times of uncertainty and change
Virtual event – May 26-27, 2021
- Teaching & Learning at SPH series – next Tuesday, April 27 1-2 PM
Bringing your course online
- Public Health Conversations
Teaching Public Health – Transformative Educational Models,
June 21, 2021



Sarah Thomson

Degree Program and/or Certificates:
Epidemiology/Biostatistics, Infectious Disease

Hometown: Chatham, NJ

Fun Facts: Sarah grew up in a house full of musicians! She also performed in two acapella groups and the college chamber singers at her alma mater, the College of William and Mary!

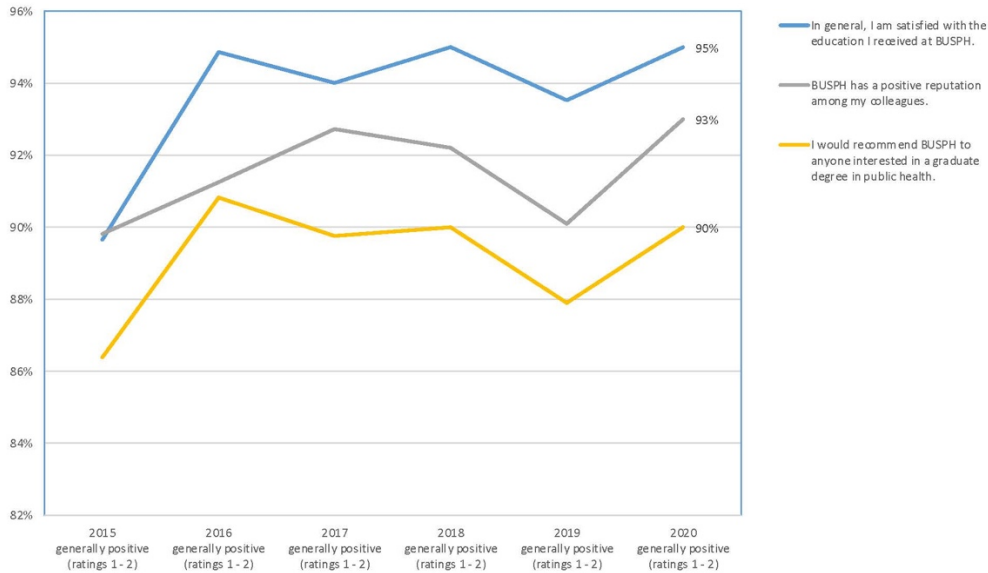
A portrait of Sarah Thomson, a young woman with long, wavy red hair, smiling. She is wearing a white t-shirt with "Niche Drama" written on it.

[Play](#)

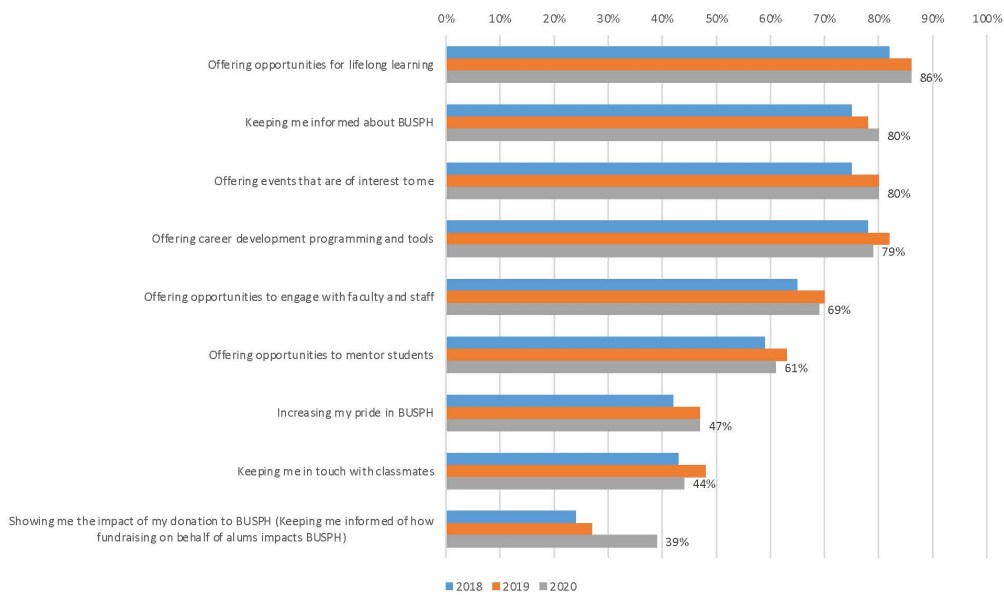
3. School survey alumni

Jacoba van Heugten (jjvh@bu.edu), Leslie Tellalian (ltellal@bu.edu), and Megan Healey (healeym@bu.edu) reported on the alumni survey findings.

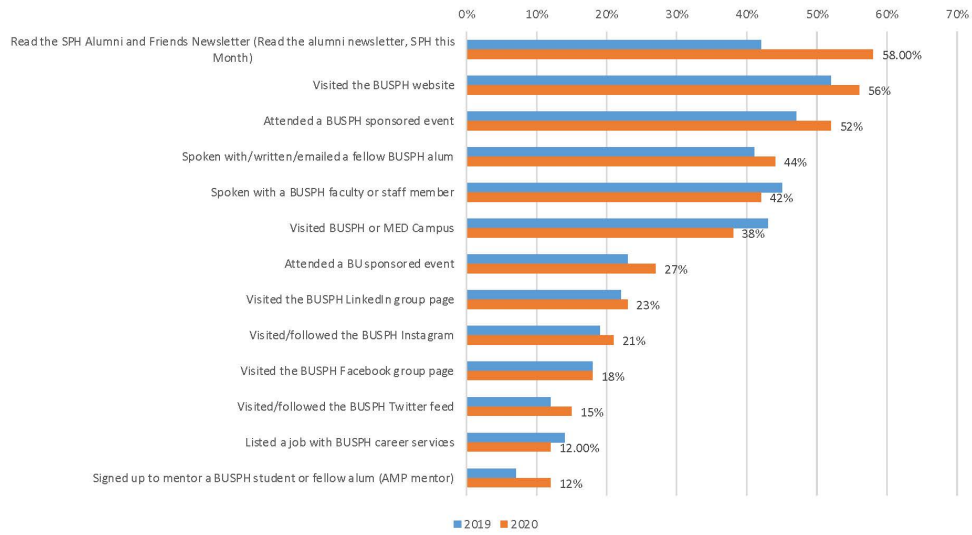
Satisfaction with BUSPH and likelihood of recommending



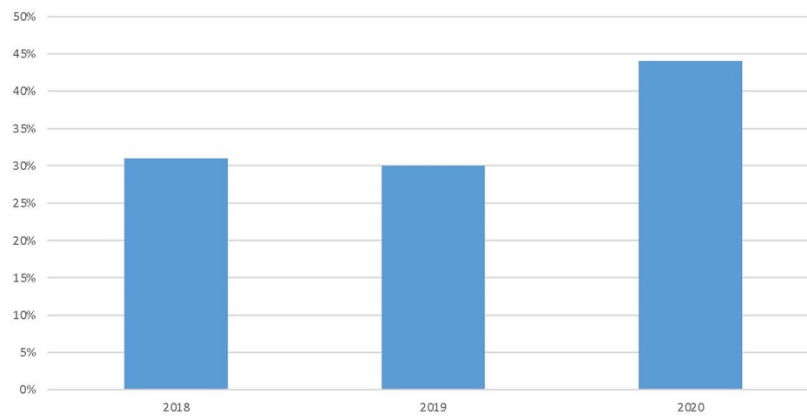
Most important alumni relations items to alumni



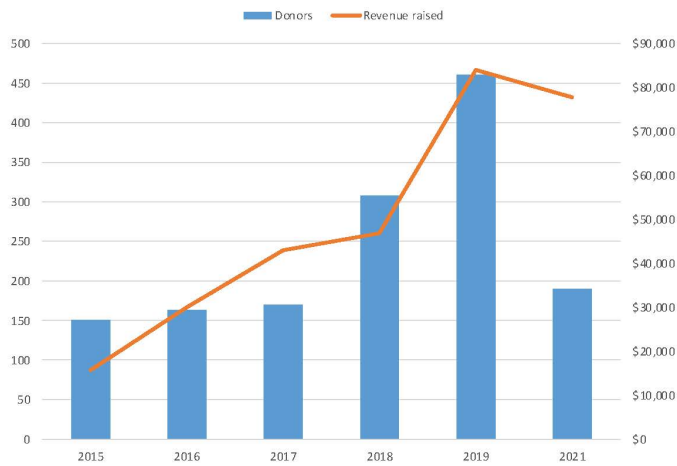
Participation in alumni activities



Survey respondents who donate



Giving Day, top #3 in fundraising across BU schools and colleges



Support SPH

#SPH45

The Activist Lab

Big Ideas

cities and health

climate, the planet, and health

health inequities

infectious diseases

mental and behavioral health

Faculty Research and Development

Future of Public Health Fund

Global Network

idea hub

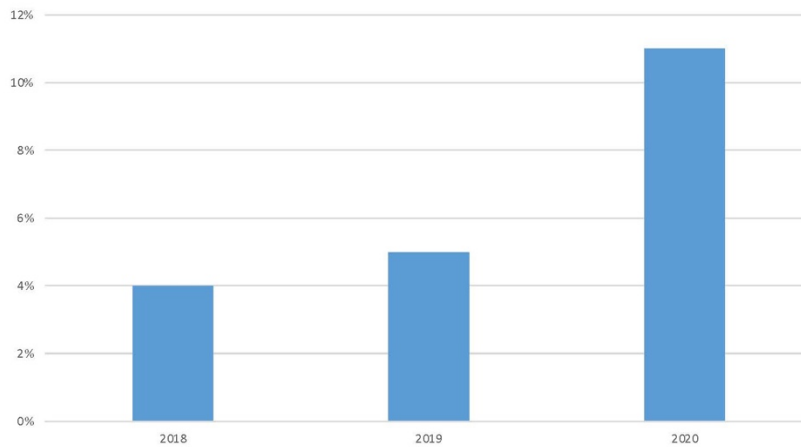
Population Health Exchange

Public Health Conversations

Public Health Post

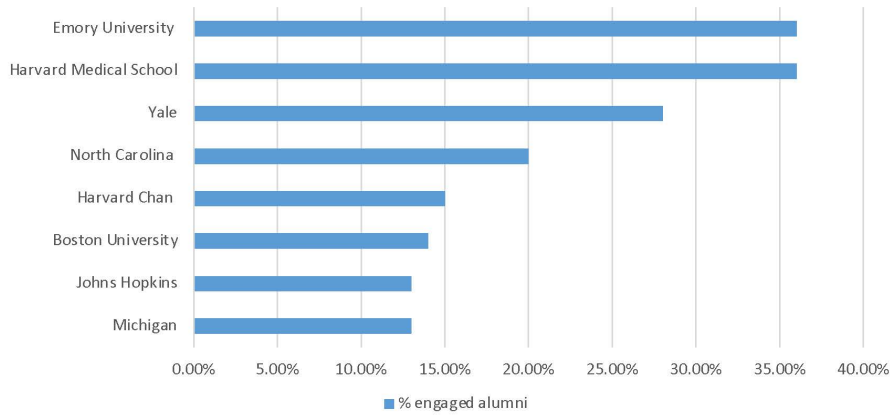
Student Scholarship

BUSPH % of Engaged Alum

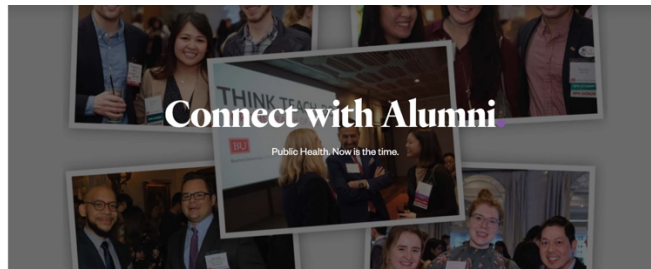













Engaged Alum is a simple metric for engagement programs, with an “engaged alum” defined as someone who has done at least one of the following: 1. Participated (Go) as attended an event, webinar; 2. Donated (Give) –made a financial contribution (at any level); and 3. Volunteered (Help)

% Engaged Alum, FY20 compared to competitors



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 LIVE	 Alumni Networks	 Support SPH	 Update Contact Info
LEARN MORE →	LEARN MORE →	LEARN MORE →	LEARN MORE →
 Alumni & Friends Benefits	 Alumni Mentorship Program (AMP)	 Alumni 5Q	 Hire a Graduate
LEARN MORE →	LEARN MORE →	LEARN MORE →	LEARN MORE →
 Become a Field-Based Course Client	 Host a Practicum Student	 Career & Practicum Office	

SAVE THE DATE

Public Health. Now is the time. **NOVEMBER 18, 2021**

THE MISSION OF SPH IS TO IMPROVE THE HEALTH AND WELL-BEING OF POPULATIONS WORLDWIDE, PARTICULARLY THE UNDERSERVED, THROUGH EXCELLENCE AND INNOVATION IN EDUCATION, RESEARCH, AND PRACTICE.

SPH is deeply committed to igniting and sustaining positive change that leads to health and well-being around the world. We strive for a respectful, collaborative, diverse, and inclusive community within our school. We aim to promote justice, human rights, and equity within and across our local and global communities.

- CELEBRATING THE BEYOND HEALTH AWARDEES**
- ◆ Massachusetts Immigrant & Refugee Advocacy Coalition (MIRA)
 - ◆ Mothers Out Front
 - ◆ Rosie's Place

SPH45 Celebration Co-Chairs



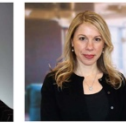
Gary Cohen (SPH '06), Dean's Advisory Board Member
IDEAHUB Advisory Board Chair, Co-Founder, Senior Advisor & Director, Humanics



Gloria Respress-Churchwell, Author and Documentarian; Parent of Katherine Churchwell (SPH '18)



Kevin Churchwell, Dean's Advisory Board Member, Executive Vice President of Health Affairs & COO, Boston Children's Hospital; Parent of Katherine Churchwell (SPH '18)



Susan Garfield (SPH '11), Dean's Advisory Board Member, IDEAHUB Advisory Board Member, Principal/Partner, Ernst & Young LLP



John Sullivan (MET '82), Dean's Advisory Board Member, Director of Equity Research and Healthcare, Investment Strategist, SVB Leerink



Lifelong Learning

Since graduating from BUSPH, have you participated in any continuing education or pursued a degree program? (Check all that apply)	2019	2020
Yes, short-term (one-day or weekend) in-person workshops.	29%	25%
Yes, short-term (one-day or weekend) online workshops.	-	27%
Yes, intensive/week-long workshops or classes.	10%	13%
Yes, semester-long classes.	12%	13%
Yes, a degree program.	17%	16%
No, I have not pursued continuing education.	45%	43%

Lifelong Learning

What topics (either skills or subject matter content) could BUSPH address in a lifelong learning program that would be of interest to you?	% in 2019	% in 2020
Data Visualization	-	56%
Public health leadership and leadership development	52%	50%
Data analysis (SAS, R, Stata, etc.)	56%	49%
Project management	45%	43%
Strategic planning	45%	41%
Monitoring & Evaluation	31%	36%
Financial Management & Budgeting	38%	33%
Advocacy	28%	27%
Social Media (communications/social media)	21%	24%
ESRI GIS	-	23%
Website design	17%	17%
Grant writing	38%	-

Lifelong Learning

Follow-up and plans for coming year

- Data Visualization (PHX)
- ESRI GIS (PHX)
- Data Analysis (SAS, R) (PHX)
- Lean Management/Project Management (PHX and LPHI)
- Public Health Leadership (SHIELD)
- Creating Persuasive Public Health Messaging (NEPHTC)
- Introduction to Systems Thinking (NEPHTC)

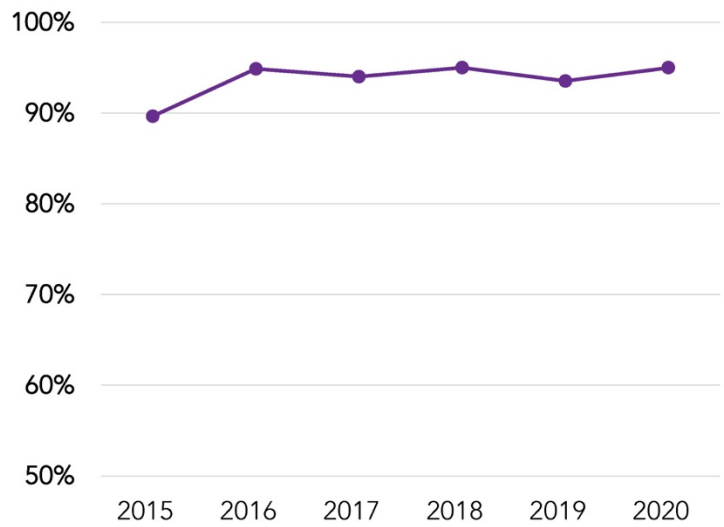
<https://www.bu.edu/sph/education/lifelong-learning-office/>

2020 Alumni Survey Results

BUSPH Academic Experience

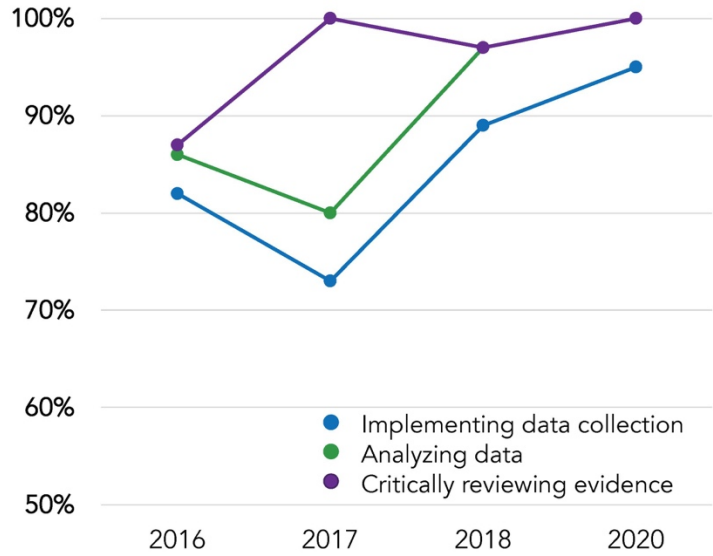


Satisfied with
BUSPH education

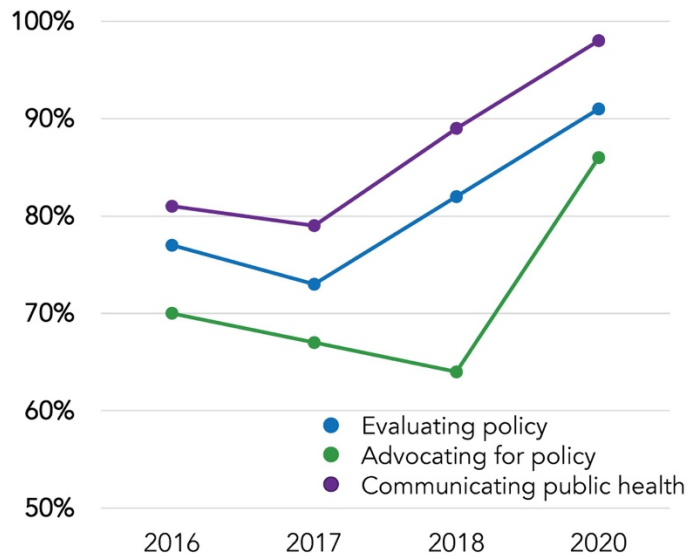


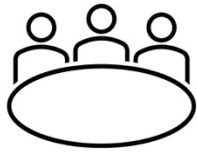


Effective training in data collection, analysis, and review

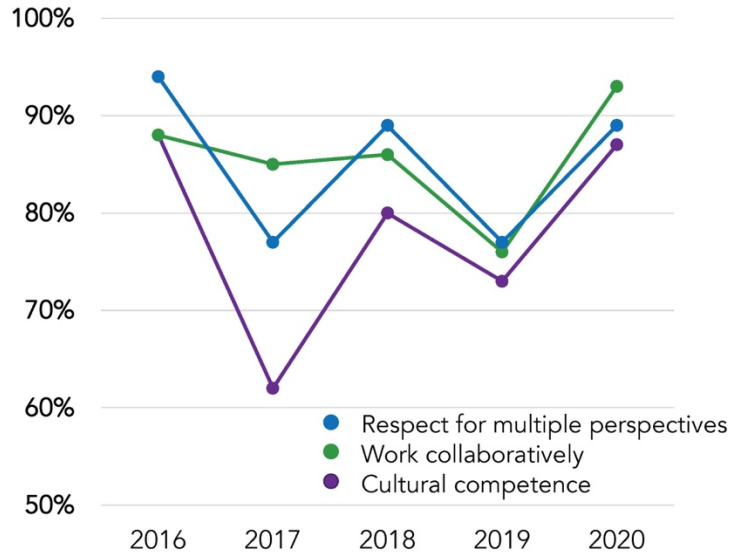


Effective training in policy, advocacy, and communication





Effective training in collaboration and respect



Student organizations



School events



Full-time work

7. School survey employers

Lisa Toby (ltoby@bu.edu) provided an update on the annual school survey of employers and practicum supervisors.

Employer and Practicum Supervisor Survey

School Survey, 2020

Has the COVID-19 environment disrupted your hiring plans?

Mix of responses...similar to what we are hearing from employers

No change	26%
Hiring freeze	15%
Less hiring	29%
More hiring	9%
Hiring for newly created COVID-19 related positions	12%
Other	9%

What will the job market be like in your sector over the next year (2021)?

- *Increase in job opportunities for every degree*
- *Highlights are 70+% excellent or very good*

	2016	2017	2018	2019	2020
Master of Public Health (MPH) graduates	64%	86%	61%	61%	70%
Master of Arts (MA) in Biostatistics	66%	68%	53%	51%	86%
Master of Science (MS) in Environmental Health	44%	56%	33%	33%	58%
Master of Science (MS) in Epidemiology	60%	68%	45%	49%	80%
Master of Science (MS) in Health Services Research	58%	69%	44%	40%	64%
Doctor of Public Health (DrPH)	55%	59%	41%	46%	58%
Doctorate (PhD) in Biostatistics	61%	52%	52%	50%	75%
Doctorate (PhD) in Environmental Health	45%	40%	30%	33%	63%
Doctorate (PhD) in Epidemiology	58%	52%	41%	47%	73%
Doctorate (PhD) in Health Services Research	56%	51%	38%	40%	60%

What functional areas are you likely to hire MPH grads over next year (2021)?

- Steady 'YOY increase in top 4 functions -- Data Analysis #1 demand
- Increase in clinical research added last year (split up general research category)
- Decrease in Admin, Comm, Consulting, M+E and Policy.

	2016	2017	2018	2019	2020
Data analysis	52%	50%	56%	65%	72%
Project management	53%	44%	51%	52%	60%
Program management	39%	43%	46%	44%	47%
Quality improvement	35%	37%	32%	36%	43%
Clinical research	/	/	/	27%	43%
Population health research	/	/	/	32%	30%
Administration	31%	30%	31%	30%	26%
Monitoring and evaluation	38%	36%	34%	44%	23%
Consulting	27%	26%	23%	28%	21%
Policy	30%	30%	26%	32%	20%
Communication	19%	25%	24%	27%	13%

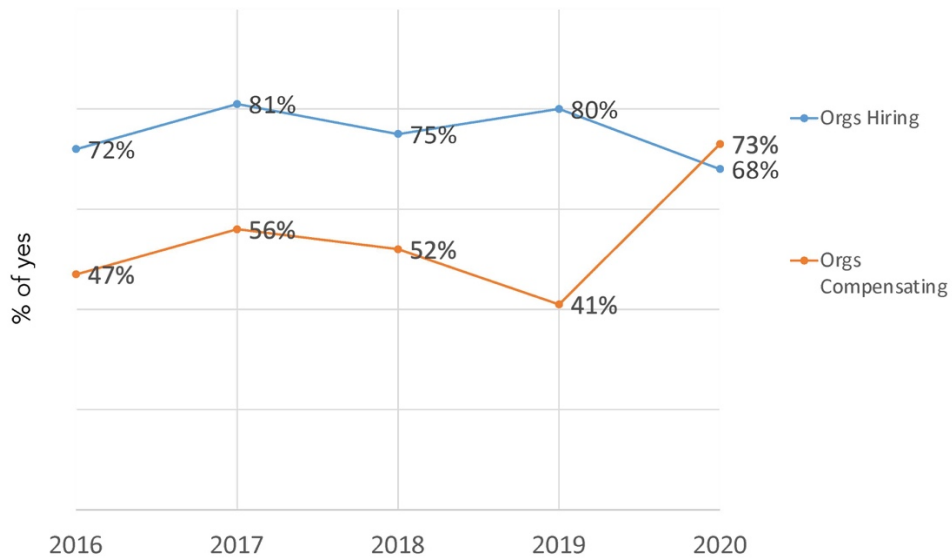
What are the most important skills for MPH graduates*?

- Top 4 skills consistently important for 5 years
- New skills added in bold based on employer needs

	2016	2017	2018	2019	2020
Ability to plan, organize and prioritize	99%	99%	97%	99%	100%
Ability to make decisions and solve problems	97%	97%	95%	99%	100%
Ability to obtain and process information	99%	99%	96%	100%	97%
Ability to create and/or edit written reports	91%	98%	95%	79%	97%
Ability to verbally communicate inside and outside organization	96%	63%	71%	92%	100%
Ability to work in a team structure	97%	48%	49%	97%	100%
Ability to use data to make decisions	90%	85%	84%	83%	88%
Project management skills	89%	84%	83%	99%	88%
Ability to analyze qualitative data	/	/	/	/	85%
Ability to talk about race and racism and their impact on equity	/	/	/	/	82%
Ability to analyze quantitative data	83%	84%	78%	90%	82%

*rated extremely important or important

Do you hire and compensate MPH interns or practicum students?



Where did our students conduct practicums in 2020?

Sector/Industry

Academia	28%
Hospital or Health Provider	26%
Government	20%
Nonprofit (association, social services, NGO)	15%
Private Sector (consulting, pharma, technology, insurance, other)	11%

- 38% Paid
- Avg Stipend: \$2185 (\$100 decrease from 2019)
- Avg Hourly Rate: \$22.50 (increase from \$18.80 in 2019)

*N: 316. Practicums started and ended in 2020. This does not include practicums that started in 2020, and continued into 2021. More information available on Career and Practicum Office website.

Please share your overall review of the student.

97% Positive Feedback from Practicum Supervisors

Key Themes from Qualitative Feedback	% of Mentions
Interpersonal Skills (ex: flexible/adaptable, team work, takes feedback, attitude)	67%
Communication Skills (ex: verbal, written and presentation skills)	35.7%
Impact on Organization (ex: significant and lasting improvements)	28.5%
Project Management Skills (ex: handled multiple projects, prioritized)	22.4%

Sample of Practicum Supervisor Feedback

"Her final product was excellent. She gave a formal presentation to 45 people that focused on the results of 300+ surveys from people living with HIV in 10 counties."

"He exceeded my expectations in respect to his leadership and organizational skills and was much more independent than many students at his level."

"She took ownership of this project from start to finish, and we are so impressed with (though also unsurprised by) her success."

"I have been so impressed with her work that I plan to offer her a position as our Evaluation Manager. I think she would be the perfect candidate."

Last word on practicums during this tough year...

Special thank you to:

- Practicum Faculty committee, Ryan Wisniewski and Joe Anzalone – managing disruptions and new CEPH guidelines due to COVID
- Faculty and staff hiring (and funding in many cases!) practicum students

In closing, a few silver linings in this pandemic...

- Students and grads have adapted – what employers want
- Public health has never been more on the map – very hopeful for more jobs and practicum opportunities over next year!

8. idea hub update

Craig Ross (cross17@bu.edu) and Vanessa Edouard (vbe@bu.edu) provided an overview of the idea hub and how community members can work with them.

School Assembly



Boston University School of Public Health

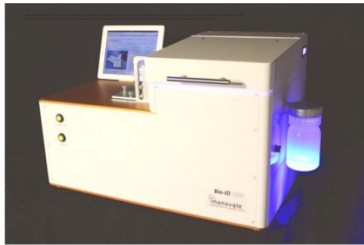
/// April 20, 2021



/// Faculty services

- Facilitate innovation and collaboration
- Disseminate research faster and to new audiences
- Shepherd Big Ideas
- Help translate research to products and services
- Administer pilot projects
- Administrative support
- Project and relationship management

/// Facilitating non-traditional partnerships



- Biomarker model discovery/validation
- SBIR grant support
- Future sample collection site

/// Facilitating non-traditional partnerships



Photo credit: Starbucks Coffee Company

IDEA HUB

Students Collaborate with Starbucks to Track COVID Policy Changes

/// Technology transfer: licensing research

The American Journal on Addictions, 000: 1-7, 2019
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ISSN: 1055-6866 print / 1524-0391 online
DOI: 10.1111/ajad.12884

Worries About Discontinuing Buprenorphine Treatment: Scale Development and Clinical Correlates

Michael D. Stein, MD,^{1,2} Micah T. Conti, BA,¹ Debra S. Herman, PhD,^{1,3}
Bradley J. Anderson, PhD,¹ Genie L. Bailey, MD,^{3,4} Donnell Van Noppen, BA,¹
Ana M. Abrantes, PhD^{1,3}

¹Department of Behavioral Medicine and Addictions Research, Butler Hospital, Providence, Rhode Island
²Department of Health Law, Policy and Management, Boston University School of Public Health, Boston, Massachusetts
³Department of Psychiatry and Human Behavior, Warren Alpert Medical School of Brown University, Providence, Rhode Island
⁴Starkey Street Treatment and Resources, Inc, Fall River, Massachusetts

Background and Objectives: Despite the benefits of maintenance buprenorphine treatment for opioid use disorder (OUD), many individuals report an interest in discontinuing the medication, while also expressing worries about tapering. The purpose of this study was to develop a measure of worries about buprenorphine discontinuation ("OH Bupre") and determine the demographic and clinical characteristics associated with these worries.

Methods: Between May 2017 and May 2018, we surveyed adults in an outpatient primary care buprenorphine program ($n = 138$). Reliability and validity of the OH Bupre measure were examined.

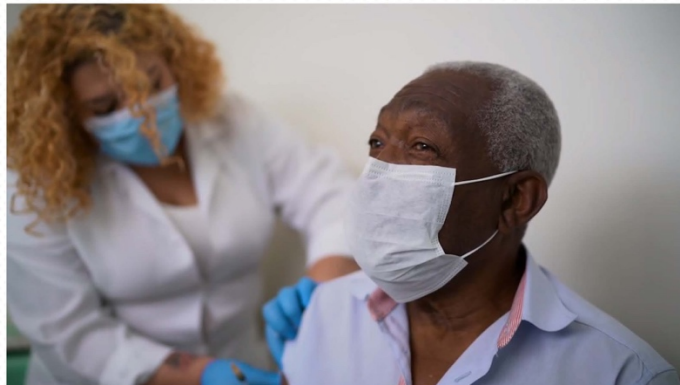
Results: Participants averaged 39 years of age, 54% were male, average duration of buprenorphine was 189 weeks and 85.5% reported eventually wanting to discontinue buprenorphine, although fewer than 10% were actively tapering. We derived two scales, withdrawal symptom worry (10 items, $\alpha = 0.94$) and relapse worry (7 items, $\alpha = 0.88$). Worry about symptoms was positively associated with current buprenorphine dose ($P = 0.016$), physical discomfort avoidance ($P < 0.001$), and inversely associated with self-efficacy to quit buprenorphine ($P < 0.001$) and distress tolerance ($P < 0.001$). Worry about opioid relapse was associated positively with age ($P = 0.019$), current buprenorphine dose ($P = 0.002$), physical discomfort

INTRODUCTION

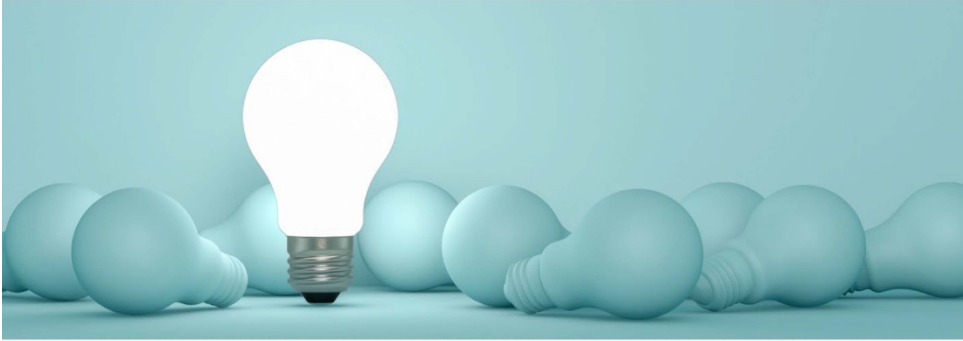
In the last decade, opioid misuse and its health and social sequelae have increased significantly and caused one of the most significant public health crises in American history.¹ The economic burden to society due to loss in workplace productivity, health care costs, and criminal justice involvement, and the personal costs to family and social relationships have been tremendous.²

Medication treatment (MT) for opioid use disorder (OUD) provides patients with the best chance at long-term survival with this chronic condition.³ The medications methadone and buprenorphine have been found to significantly reduce the risk of overdose death⁴ and provide patients with a sense of stability.⁵ Additionally, methadone, buprenorphine, and naltrexone have all been found to improve patients' quality of life.⁶ Buprenorphine/buprenorphine, the first of these medications to be prescribed in medical office settings in the United States, was introduced as a safer, more convenient alternative

/// Brainstorming and facilitating networks



/// Pilot program



/// Disseminating ideas

Genetics and age-related illnesses
Dr. Chanyu Liu December 22, 2020

Communicating and promoting replicability in science
Prasad Patel February 24, 2021

Can internet search data be leveraged to make home a safer place for women during a pandemic?
Indira Subbiah, PhD and Shama Nourah, PhD November 12, 2020

Understanding Gulf War Illness and the search for promising treatments
Francine Benayahu, DSc & Kimberly Sullivan, PhD October 1, 2020

Impactful partnerships: an occupational health perspective
Michael McClean, ScD September 22, 2020

Preterm birth rates: they're all over the map
Candice Robinson, ScD, MPH; Hyesun Ahn, MPH; MPH; Jessica Almada, ScD, MPH March 12, 2020

Identifying new pharmacologic treatments for post-traumatic stress disorder
Dr. Jemini Gaudin September 29, 2020

Technology, data, and urban health in Africa
Dr. Elissa Nourah September 24, 2020

Thinking beyond health care to improve health
Dr. Paul Shuler September 22, 2020

Emerging Women Leaders (EWL)
Dr. Venesha White October 28, 2020

Big data analytics to tackle substance use disorders
Lorenz Forsting-Winkel, PhD February 9, 2021

Disability as identity: The next frontier of public health
Eric Subramanian, PhD, ScM November 5, 2020

Type 2 diabetes, HIV, and tuberculosis in South Africa
Dr. Shama Nourah February 19, 2021

Putting postpartum care into patients' hands: using remote technology to prevent maternal morbidity and promote postpartum health equity

Fulfilling the Dream
Craig S. Weisberg, Trustee Center, HealthWell Boston January 26, 2021

/// Big Ideas



/// Working with idea hub

Academic Integrity

All projects include the right to publish. Partners may request the right to strike proprietary information and brief review period.

Administrative Support

Facilitate contract negotiations, gift agreements, OTD paperwork, OSP/PAFO paperwork, NDAs, DUAs.

Project and Relationship Management

Ensure project meets deadlines; generate ideas for future collaborations

/// Thank you

/// Contact us

ideahub@bu.edu



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Initiate. Incubate. Integrate.

Boston University School of Public Health

9. Staff Senate

Staff Senate Chair Nick Gooler (gooler@bu.edu) reported on the staff senate updates.



April Updates.

BOSTON UNIVERSITY SCHOOL OF PUBLIC HEALTH
STAFF SENATE

Current Efforts

Staff Senate

- Staff/Faculty relations – events and all-school retreat
- Professional Development – summer initiatives

Admin Council

- Staff Mentorship program

Open Representative Spots

- **Unit 3- Research, Administration & Finance, Career & Practicum Office**

Interim Rep: Eric Delgizzo

- **Unit 4- Dean's Office, Development & Alumni Relations, Marketing & Communications**

Interim Rep: Jackie Bowes

- **Unit 9- Department of Epidemiology**

Interim Rep: Shelley Barnes

News

Promotions

Stern Chamblain – Director, External Relations, Practicum Office

Julia Lanham – Director, Advising and Employer Relations, Practicum Office

Danielle Norton – Director of Digital Media, Communications

Michael Saunders – Director of Writing, Communications

Jillian McKoy – Senior Writer, Communications

Boston University School of Public Health

Jaclyn Bowes – Director, Individual Giving and Operations - DAR

New Hires

Teresa Wood Kett – PHP Project Manager

Erin Sivak – Nurse Educator, Lifelong Learning

Transitions

Maria Bakas – from CHS to Research and Faculty Advancement

No new Spot awards at this point

bu.edu/sph | @BUSPH

Next Meeting

April Staff Senate Meeting (open)

Wednesday, April 21st

12:00-1:30pm

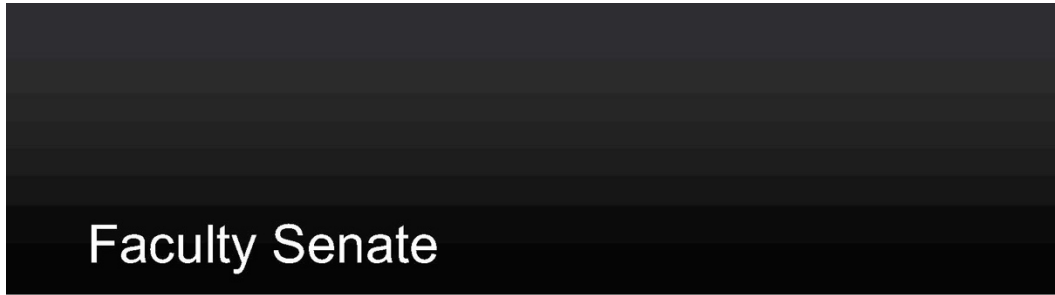
gooler@bu.edu

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10. Faculty Senate

Faculty Senate Chair, Professor Alana Brennan (abrennan@bu.edu) presented updates from the Faculty Senate.



SPH School Assembly
04/20/21

March 23rd 2021 meeting

- Dean Lazic visited to discuss school budget and staffing
- Follow-up meeting with Dean Lazic and Tom Dauria on **May 25th from 12:45-1:15pm**

Next Faculty Senate Meeting:

April 27th, 2021, 12:30 PM – 1:50 PM

Via Zoom

Agenda:

- Dean McClean will attend from 12:45-1:45pm for discussions regarding professional development/mentorship/support for faculty at all levels
- Please send any question/comments/concerns you have to Alana (abrennan@bu.edu) if you can not attend
- Faculty Senate Anonymous Comment Box added to Faculty Senate web page (<https://www.bu.edu/sph/faculty-staff/faculty-senate/>)

11. Spotlight on Think. Teach. Do.; Jacqui Hicks

Professor Jacqui Hicks (jnmilton@bu.edu) presented to the community about her work with Upward Bound.

BUSPH and Upward Bound

Jacqui Hicks
BUSPH School Assembly
10 Minutes of Something
4/20/2021

BU Upward Bound

- Upward Bound is a federally funded program that provides academic support to low income and first generation college students
- To qualify student need to meet federal low-income guidelines and be first generation college students. Students must have at least started 9th grade at a participating high school or attend public high school and live in Dorchester, East Boston, Mattapan and Roxbury

BU Upward Bound

- The BU Upward Bound program serves 90 students
- Services include
 - After school tutoring
 - Classes
 - Campus tour
 - Intensive six week summer program
 - College/Career Day
 - Paid internship

BU Upward Bound Math Science

- High school students work with academic researchers to prepare in greater depth for study in the STEM fields (science, technology, engineering and math)
- Students participate in hands-on exploratory science activities and work in research labs.

BUSPH Upward Bound Math Science

- The info at the top of the slide can be changed
- Go to the **View** menu and choose **Header and Footer**
- Then change the date and footer text
- You can also enable or disable automatic slide numbering in the Header and Footer

BUSPH Upward Bound Math Science

- Probability
- Mean
- Std dev
- CLT
- Chi square GOF



	Blue	Orange	Green	Yellow	Red	Brown
Percent	23%	23%	15%	15%	12%	12%

Boston University School of Public Health



BUSPH Upward Bound Math Science

	Paul Pierce	Ray Allen
FG%	0.457	0.480
3P%	0.391	0.409
FT%	0.830	0.952

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BUSPH Upward Bound Math Science

Sean Simpson
Occupation: lawyer
Plane seat: 4A

Jane Simpson
Occupation: teacher
Plane seat: 6A

Heather Simpson
daughter of Sean and
Jane
Plane seat: 5A

Mr. Thompson
Occupation: professor
Plane seat: 10A

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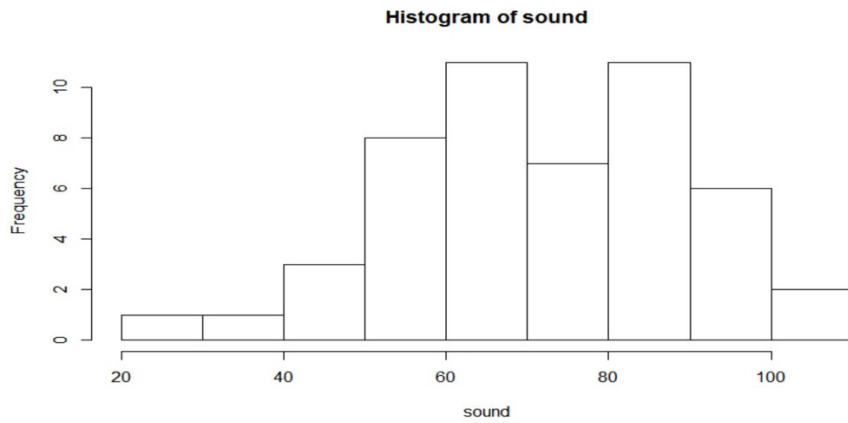
BUSPH Upward Bound Math Science



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BUSPH Upward Bound Math Science



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BUSPH Upward Bound Math Science

- Field trip to Greenroots Community Organization in Chelsea with Environmental Chelsea Organizers (ECO)



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Next school assembly
Tuesday May 11, 9:00am, zoom