



Assessing Infection Control and Healthcare Epidemiology Education and Training in Infectious Disease Fellowship Programs in the United States

Dear Colleague,

Thank you for taking time to complete this **brief, 10 question survey**. Your answers will provide information on the current state of training of Infectious Diseases (ID) fellows in infection prevention and control and healthcare epidemiology (IPC/HE).

The survey link is unique to you and should not be forwarded to others. This survey can be saved and returned to at a later time for completion.

The most recent survey of ID fellows that was published in 2001 (Joiner KA, Dismukes WE, Britigan BE, et al. Adequacy of fellowship training: results of a survey of recently graduated fellows. *Clin Infect Dis*. Jan 15 2001;32(2):255-62. doi:10.1086/318462) found that only 51% of graduates who passed the board certification exam reported their training in IPC/HE was adequate. This was in comparison to training in research, basic science education, clinical microbiology, HIV, and clinical infectious diseases in which more than 85% of respondents reported receiving adequate training. Despite this, 52% of respondents had current job responsibilities that involved IPC/HE and received compensation from those activities. As a result of this survey, the authors recommended creation of an internet-based training program for IPC/HE with both basic and advanced modules and a Fellows Day program in conjunction with IDWeek to provide additional IPC/HE training opportunities. Some ID fellowship programs have created dedicated training in IPC/HE (Martin E, & Snyder, G. Training infectious diseases fellows for a new era of hospital epidemiology. *Antimicrobial Stewardship & Healthcare Epidemiology*. 2021;1(1):E25. doi:doi:10.1017/ash.2021.186 and Kaye KS, Anderson DJ, Cook E, et al. Guidance for infection prevention and healthcare epidemiology programs: healthcare epidemiologist skills and competencies. *Infect Control Hosp Epidemiol*. Apr 2015;36(4):369-80. doi:10.1017/ice.2014.79), however, the extent of available training to fellows is not known. The COVID-19 pandemic has highlighted the importance of IPC/HE, and many institutions looked to ID physicians to support their institutional response.

Participation in this survey is entirely voluntary. If you have any questions, you can contact our team at the email address below.

Thank you again for your time and input.

Marisa Winkler, MD, PhD

mlwinkler@partners.org

Molly L. Paras, MD

Sharon B. Wright, MD, MPH

Erica S. Shenoy, MD, PhD

Harvard Medical School, Boston, MA

1. Number of fellow slots per academic year (insert number)

2. Does your program currently have any of the following IPC/HE components in the standard curriculum for all ID fellows? Check all that apply.

- Didactics (if present, insert # of hours, below)
- Formal IPC/HE curriculum
- Incorporated infection control pager coverage
- Formal leadership course with opportunities to lead IPC/HE initiatives
- IPC/HE research or quality improvement project leading to publication
- IPC/HE shadowing experience with infection preventionists or healthcare epidemiologists
- SHEA Primer on Healthcare Epidemiology, Infection Control & Antimicrobial Stewardship online course (ref 1)
- SHEA/CDC Healthcare epidemiology certificate course in person (ref 2)
- SHEA annual fellows course in person (ref 3)
- Statistics or epidemiology training at a school of public health or equivalent formal coursework (not necessarily towards a degree)
- Other

Number of didactic hours

	Required for fellows	Elective for fellows
Didactics	<input type="radio"/>	<input type="radio"/>
Formal IPC/HE curriculum	<input type="radio"/>	<input type="radio"/>
Incorporated infection control pager coverage	<input type="radio"/>	<input type="radio"/>
Formal leadership course with opportunities to lead IPC/HE initiatives	<input type="radio"/>	<input type="radio"/>
IPC/HE research or quality improvement project leading to publication	<input type="radio"/>	<input type="radio"/>
IPC/HE shadowing experience with infection preventionists or healthcare epidemiologists	<input type="radio"/>	<input type="radio"/>
SHEA Primer on Healthcare Epidemiology, Infection Control & Antimicrobial Stewardship online course (ref 1)	<input type="radio"/>	<input type="radio"/>
SHEA/CDC Healthcare epidemiology certificate course in person (ref 2)	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>

SHEA annual fellows course in person (ref 3)	<input type="radio"/>	<input type="radio"/>
	Required for fellows	Elective for fellows
Statistics or epidemiology training at a school of public health or equivalent formal coursework (not necessarily towards a degree)	<input type="radio"/>	<input type="radio"/>
<p>3. Is your program considering adding training to your ID fellowship for ALL fellows specifically related to IPC/HE? Check all that apply.</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Didactics (if present, insert # of hours, below) <input checked="" type="checkbox"/> Formal IPC/HE curriculum <input checked="" type="checkbox"/> Incorporated infection control pager coverage <input checked="" type="checkbox"/> Formal leadership course with opportunities to lead IPC/HE initiatives <input checked="" type="checkbox"/> IPC/HE research or quality improvement project leading to publication <input checked="" type="checkbox"/> IPC/HE shadowing experience with infection preventionists or healthcare epidemiologists <input checked="" type="checkbox"/> SHEA Primer on Healthcare Epidemiology, Infection Control & Antimicrobial Stewardship online course (ref 1) <input checked="" type="checkbox"/> SHEA/CDC Healthcare epidemiology certificate course in person (ref 2) <input checked="" type="checkbox"/> SHEA annual fellows course in person (ref 3) <input checked="" type="checkbox"/> Statistics or epidemiology training at a school of public health or equivalent formal coursework (not necessarily towards a degree) <input type="checkbox"/> Other (free text) 		
Number of didactic hours	<input type="text"/>	
	Required for fellows	Elective for fellows
Didactics	<input type="radio"/>	<input type="radio"/>
	Required for fellows	Elective for fellows
Formal IPC/HE curriculum	<input type="radio"/>	<input type="radio"/>
	Required for fellows	Elective for fellows
Incorporated infection control pager coverage	<input type="radio"/>	<input type="radio"/>
	Required for fellows	Elective for fellows
Formal leadership course with opportunities to lead IPC/HE initiatives	<input type="radio"/>	<input type="radio"/>
	Required for fellows	Elective for fellows
IPC/HE research or quality improvement project leading to publication	<input type="radio"/>	<input type="radio"/>
	Required for fellows	Elective for fellows
IPC/HE shadowing experience with infection preventionists or healthcare epidemiologists	<input type="radio"/>	<input type="radio"/>
	Required for fellows	Elective for fellows

8. Would you be supportive of formal IPC/HE certification through SHEA for ID fellows who desire specialized training in IPC/HE?

Yes
 No

ACGME certification (with board examination) including an additional 1-2 years of dedicated IPC/HE training

Professional society certification within the standard timeframe of an ID fellowship

Professional society certification including an additional 1-2 years of dedicated IPC/HE training

Options for formal IPC/HE certification (check any that you support)

9. If available, please upload any documents, curriculum, or other materials used by your program for any type of IPC/HE training that you are willing to share with our project team (examples include: curriculum overview, program requirements related to IPC/HE, course/program description, schedule, etc).

Additional comments related to IPC/HE training in ID fellowship

10. If you are willing to be contacted for additional information, please include your email address (one response only)

References for Tables

1. <https://learningce.shea-online.org/content/primer-healthcare-epidemiology-infection-control-antimicrobial-stewardship-0>
2. <https://sheaspring.org/>
3. <https://www.heicfellowscourse.org/>

Submit

Save & Return Later