

Ethics Curriculum for A/I Fellowships



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Disclosures

- None for this topic
- Consultant with GSK, PI on multicenter trial with AstraZeneca, Topic Editor at Dynamed , InhaleCQI Content Expert sponsored by BCBS Michigan

Topic Outline

- Ethics Curriculum Requirements-ACGME/ABAI
- Ethics Curriculum in A/I programs
- Suggested topics for education in ethics
- Resources

ACGME Requirements

5. *ACGME Competencies*

The program must integrate the following ACGME competencies into the curriculum:

e. Professionalism

Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

- (1) compassion, integrity, and respect for others;*
- (2) responsiveness to patient needs that supersedes self-interest;*
- (3) respect for patient privacy and autonomy;*
- (4) accountability to patients, society and the profession; and,*
- (5) sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation.*

[As further specified by the Review Committee]

ACGME

- *Professionalism, including **medical ethics**, may be included as a theme throughout the program curriculum that includes both **didactic and experiential components** (e.g., may be integrated into already existing small group discussions of vignettes or case studies and role plays, computer-based modules) and may be modeled by the faculty in clinical practice and discussed with the resident as issues arise during their clinical practice.*
- *M&M discussions specifically mentioned as a mechanism for review of some of these principles*

A/I Board Requirements

- From Certification Blueprint-No ethics topic per se

B.4.c. Research Principles
B.4.c. Experimental Design
B.4.c. Data Analysis & Biostatistics
B.4.c. Epidemiology
B.4.c. Human subject protection & adverse event reporting

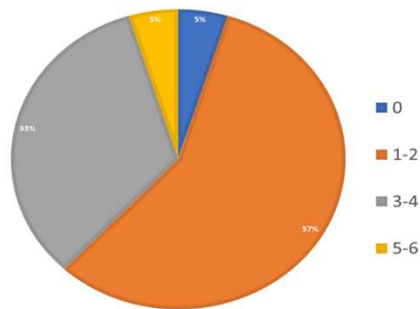
A Review and Call to Action

- A/I education and research in ethics not an area of focus
- Ethics is not considered a central topic
- 21 studies with an ethics focus in A/I published between 1990-2023
- 57% focused on asthma, 3 articles on food allergy and 2 on drug allergy. EOE and atopic dermatitis 1 article each. 2 on immunology.
- Most frequently discussed ethics principle was autonomy
- In the same time period, JAAD had 150 ethics focused articles

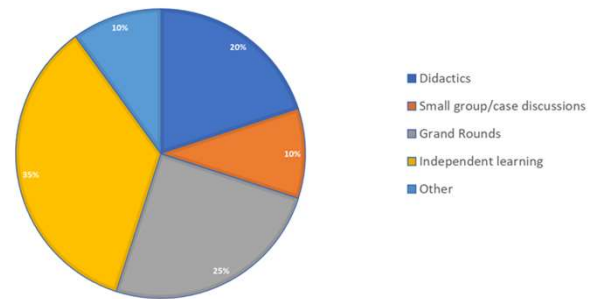
State of Ethics Didactics in A/I programs

- PDA Survey-21 surveys were returned representing 27% of U.S. AI fellowship programs

TOTAL HOURS PER YEAR DEDICATED TO ETHICS EDUCATION



WHAT MODALITY IS USED TO PROVIDE THE MAJORITY OF ETHICS EDUCATION



Independent Learning

- PEERRS

- CITI Program



PEERRS Portal



Go over historical aspects and regulations for conducting ethical trials in research and also current requirements for conducting trials and their governing bodies.

Ethics Topics

- Principlism-weaving in of the four principles of biomedical ethics: autonomy, non-maleficence, beneficence, and justice with case illustrations
- Research Ethics-already being covered independently through CITI program and others
- Legal Ethics-GINA for genetic testing in immunology, ADA for those with asthma and allergies, etc.
- Mortality and Morbidity review of

Ethics Topics

- Fiduciary Duty-dilemmas which come up when caring in the best interest of the patient including therapies and evaluations
- Narrative Ethics-patient centered and generated poems, videos, artwork as it pertains to their illness and narratives which may differ from the point of view of the physician, being open and being aware
- Professionalism-also to include interface of physicians and relationship with

Case Example

- A 16-year-old girl presents to your clinic for concern for immunodeficiency. She was referred on hospital discharge after being hospitalized for sepsis secondary to pneumonia requiring intubation. Based on the history, you are extremely concerned for CVID. You explain this to the patient's parents. They are skeptical of this diagnosis, as the patient was healthy as a young child, and didn't start to get sick until "COVID was released into the wild." She has decreased immunoglobulins, but they refuse to give her pneumococcal vaccine to test titers. They want to take her to a naturopath to get

Case Example

- Narrative Ethics: This is an individual with dermatographism, who uses her body as her medium for her art. This one on the left called Index, s: s. Flora on



Ariana Page Russell
<https://arianapagerussell.com>

Ethics/DEI overlap

- Implicit Bias

<https://implicit.harvard.edu/implicit/takeatest.html>

Free and may be taken more than once, used to give individualized feedback on whether there are some implicit biases and what those may be anonymously

- Gender Inclusivity Training for the Care of Patients
- Cultural Humility Training for the Care of Patients
- All can include specific and targeted cases which bring the areas of ethical dilemma into

Shared Ethics Conferences

- We conducted a state-wide A/I program joint ethics conference for Narrative Ethics on Zoom
- All 3 programs from Michigan participated
- There was discussion and sharing of ideas from different medical systems/backgrounds
- Well attended
- Feedback: learned something new about a topic they hadn't considered often in patient care, and would consider its application moving forward

Amount of Formalized Ethics in A/I

- We had between 4-5 ethics conferences a year (prior about 2-3)
- 3-4 feel like a reasonable target, ~1/quarter
- Most topics will get covered in a 2-year curriculum

Resources

- Faculty member with special interest
- <https://about.citiprogram.org/>
- Pediatrics case-based learning guides from the AAP:

[Bioethics Case Based Teaching Guides for Resident Training](#)

- *Resolving ethical dilemmas: A Guide for Clinicians* by Bernard Lo. A case-based textbook that is detailed but written in plain language:

[Ovid - Resolving Ethical Dilemmas: A Guide for Clinicians | Wolters Kluwer](#)

Resources

- University resources (our Office for Health Equity and Inclusion)



[Home](#) / Diversity, Equity & Inclusion

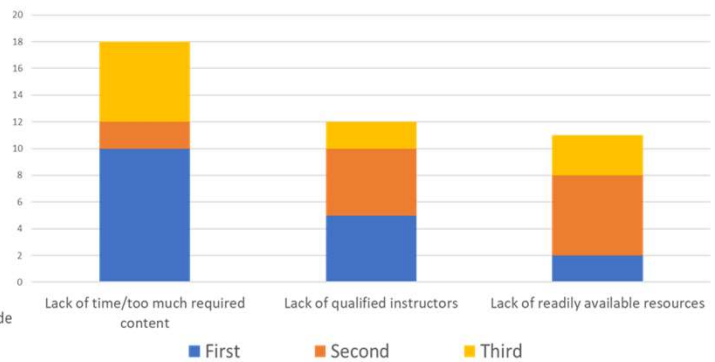


Final takeaways from survey

DO YOU BELIEVE YOUR PROGRAM HAS ENOUGH ETHICS EDUCATION?



Barriers to Ethics Education

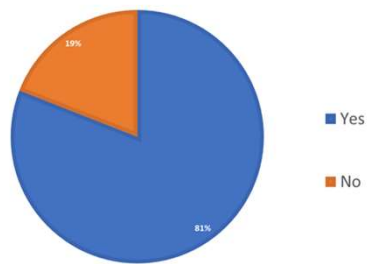


Final Thoughts

- Consider adding some didactic COLA lectures (for most topics in ethics, discussion/instruction on site would likely be best, or at least live like our shared ethics conference on Zoom)
- Consider if resources

WOULD YOUR PROGRAM UTILIZE A FREE EDUCATIONAL RESOURCE PROVIDED BY A SPONSORING BODY

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Questions?