

Anesthesiology Resident Research Education Survey

1. The Status of Research Education in ACGME Approved Anesthesia Residency Tra...

Welcome! Thank you for participating in our effort to describe the status of research education in ACGME approved anesthesiology residency programs. Your time is valuable and we greatly appreciate your assistance with this project.

1. Department Demographics:

	1-5	6-10	11-15	16-20	> 20
Number of Faculty members	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of Residents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of Fellows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Anesthesiology Department FACULTY demographics:

	0-20	21-40	41-60	61-80	100
Percentage of faculty actively involved in research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Percentage of faculty receiving external grants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Percentage of faculty receiving private industry funding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Percentage of faculty receiving national organization/society grants (IARS, FAER, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Percentage of faculty receiving government funding (NIH, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. Please provide your opinion regarding research in your department:

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
Department chair actively promotes resident research efforts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The department has faculty skilled in research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Departmental research network is well developed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Departmental research resources are adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-clinical time allotted to faculty is adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. Does your department provide education in research for anesthesiology residents?

- ☐ Yes- We have a structured program, including a research rotation
- ☐ Yes- We offer research education, but do NOT have a structured program
- ☐ No- We do NOT offer specific research education

5. What is the duration (months) of the research rotation?

- ☐ 0 ☐ 1 ☐ 2 ☐ >2

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6. Indicate which activities are included in your research program:

- ☐ Didactic sessions
- ☐ Development of a hypothesis-based research project
- ☐ Basic science research experience (i.e laboratory based)
- ☐ Development of scientific presentation skills
- ☐ Development of scientific writing skills

7. Are the research rotation residents expected to do the following:

- ☐ Present at Journal Club discussions
- ☐ Present at Departmental Educational meetings
- ☐ Present at a National Meetings
- ☐ Submit a manuscript to a peer reviewed journal

8. Does your department provide any of the following to facilitate resident research:

	yes	no
Financial support for presentations at national meetings	<input type="radio"/>	<input type="radio"/>
Funds for resident research projects	<input type="radio"/>	<input type="radio"/>
Research education curriculum	<input type="radio"/>	<input type="radio"/>
Research assistant	<input type="radio"/>	<input type="radio"/>

9. What percentage of residents in your program published a manuscript in a peer-reviewed journal within the last 2 years?

- ☐ < 20 ☐ 21-40 ☐ 41-60 ☐ 61-80 ☐ 81-100

10. What percentage of your graduating residents went into academic practice in the last 2 years?

- ☐ 0-20 ☐ 21-40 ☐ 41-60 ☐ 61-80 ☐ 81-100

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11. Please rate the barriers to resident education in research in your department:

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a. Lack of Chairperson's support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Lack of faculty mentors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Lack of faculty non-clinical time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Lack of faculty interest in research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Lack of protected research time for residents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Lack of resident interest in research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Lack of department funding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Lack of technical & personnel support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Lack of structured curriculum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. Please provide your opinion regarding anesthesiology resident research rotations:

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a. Research is an integral component of residency training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Increased ACGME requirements for residency training (i.e. subspecialty rotations), make it difficult to offer a research rotation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. ACGME should require training programs to facilitate resident scholarly activity (i.e. meeting presentations, publication, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Programs should OFFER a resident research rotation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Programs should REQUIRE a dedicated research rotation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. An organized curriculum will facilitate a productive resident research rotation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Thank you for your participation!