2022
APCCMPD
Annual Member Benchmarking Survey
HIGHLIGHTS
Surveys Results

Annual Member Benchmarking Surveys

Annually, the APCCMPD surveys P/CCM Program Directors in Program Directors can evaluate their own Fellowship.

To maintain relevancy, some questions are changed each year of interest to members. Many of the questions remain the same over time.

2012 Results
2013 Results
2014 Results
2015 Results
2016 Results
2017 Results
2018 Results
About the Survey

• Open January 13 - February 13, 2022
• Distributed to 289 Pulmonary, CCM, and PCCM PDs
• Response rate: n = 107 (37 %)
• Completion rate: n = 100 (93%)
TOPIC 1

PROGRAM CHARACTERISTICS
Gender of respondents

- Cisgender Women: 39%
- Transgender Women: 42%
- Cisgender Man: 60%
- Transgender Man: 56%
- Nonbinary/Genderqueer: 44%
- Prefer Not to Say: 3%
- Prefer to self-describe as: 13%

n = 100
Self-identified race of respondents

- **Asian/Asian American**: 16% (2020), 12% (2021), 16% (2022)
- **Black/African American**: 2% (2020), 3% (2021), 4% (2022)
- **Hispanic, Latino, Latina, Latinx**: 5% (2020), 5% (2021), 7% (2022)
- **Caucasian/White**: 67% (2020), 70% (2021), 56% (2022)
- **Middle Eastern/Northern African**: 5% (2020), 3% (2021), 3% (2022), 1% (2022)
- **Other**: 6% (2020), 5% (2021), 11% (2022)
- **Prefer not to disclose**: 5% (2020), 3% (2021), 3% (2022), 11% (2022)

*n = 100*
Academic rank of respondents

- Instructor: 1%
- Assistant Professor or Equivalent: 18% (2020: 0%, 2021: 22%, 2022: 19%)
- Associate Professor or Equivalent: 52% (2020: 51%, 2021: 56%, 2022: 56%)
- Professor or Equivalent: 27% (2020: 27%, 2021: 27%, 2022: 23%)
- Other: 2%

n = 100
Years in PD position

n = 100

- 0 years: 10% in 2020, 14% in 2021, 6% in 2022
- 1-4 years: 42% in 2020, 29% in 2021, 38% in 2022
- 5-10 years: 28% in 2020, 39% in 2021, 35% in 2022
- 11-15 years: 8% in 2020, 8% in 2021, 7% in 2022
- 16-20 years: 6% in 2020, 8% in 2021, 8% in 2022
- >20 years: 6% in 2020, 2% in 2021, 6% in 2022
Years in APD position prior to becoming PD

n = 100
Plan to step down in the next 2 years (PDs)

n = 109

- Yes: 20% (2017) vs 21% (2022)
- No: 80% (2017) vs 79% (2022)
Reason for stepping down (PDs)  

<table>
<thead>
<tr>
<th>Reason</th>
<th>2017</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Career Opportunity</td>
<td>37%</td>
<td>23%</td>
</tr>
<tr>
<td>Shift in Personal Priorities</td>
<td>33%</td>
<td>23%</td>
</tr>
<tr>
<td>Burden of Regulations</td>
<td>16%</td>
<td>10%</td>
</tr>
<tr>
<td>Clinical Time Demands</td>
<td>5%</td>
<td>0%</td>
</tr>
<tr>
<td>Research Time Demands</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Retirement</td>
<td>21%</td>
<td>14%</td>
</tr>
<tr>
<td>Other</td>
<td>21%</td>
<td>19%</td>
</tr>
</tbody>
</table>

n = 100
Program Type

- PCCM: 79%
- CCM only: 15%
- Pulmonary only: 6%

n = 107
Combined PCCM fellowships, how often have you offered occasional positions

- **Critical Care Medicine**
  - Never: 55%
  - Rarely: 13%
  - Sometimes: 8%
  - Frequently: 2%
  - Always (Est. Track): 22%

- **Pulmonary Medicine**
  - Never: 71%
  - Rarely: 17%
  - Sometimes: 2%
  - Frequently: 8%
  - Always (Est. Track): 2%

n = 97
Total Number of Fellows in Program

- <7: 0
- 7-9: 28-30
- 10-12: 34-36
- 13-15: 0
- 16-18: 25-27
- 19-21: 22-24
- <7: 107

n = 107
Amount salary support for role as PD

- Less than 19%: 4%
- 20-24%: 21%
- 25-29%: 13%
- 30-34%: 19%
- 35-39%: 7%
- 40-44%: 8%
- 45-49%: 3%
- >50%: 3%

n= 107
To what extent does PD support meet ACGME requirements?

- **< 7 Fellows**
  - (ACGME Req: .2 Min FTE)
  - **Does Not Meet**
  - **Meets**
  - **Exceeds**

- **7 - 9 Fellows**
  - (ACGME Req: .25 Min FTE)
  - **Does Not Meet**
  - **Meets**
  - **Does Not Meet**

- **10 - 12 Fellows**
  - (ACGME Req: .3 Min FTE)
  - **Does Not Meet**
  - **Meets**
  - **Does Not Meet**

- **13 - 16 Fellows**
  - (ACGME Req: .35 Min FTE)
  - **Does Not Meet**
  - **Meets**
  - **Does Not Meet**

- **17 - 18 Fellows**
  - (ACGME Req: .4 Min FTE)
  - **Does Not Meet**
  - **Meets**
  - **Does Not Meet**

- **19 - 21 Fellows**
  - (ACGME Req: .45 Min FTE)
  - **Does Not Meet**
  - **Meets**
  - **Does Not Meet**

- **22 + Fellows**
  - (ACGME Req: .5 Min FTE)
  - **Does Not Meet**
  - **Meets**
  - **Does Not Meet**

*n = 107*
To what extent does PD support meet the ACGME Requirements?

Compliance with ACGME Requirement

- Does not meet: 58%
- Meets: 29%
- Exceeds: 13%

Has Support Changed

- Decreased: 11%
- Increase: 25%
- No: 64%

Is support sufficient?

- Strongly Disagree: 8%
- Neutral: 28%
- Strongly Agree: 36%
- Others: 10%
Number of APDs for your fellowship

n = 107

- None: 13% (2020), 12% (2021), 10% (2022)
- 1: 52% (2020), 46% (2021), 54% (2022)
- 2: 20% (2020), 25% (2021), 26% (2022)
- 3: 8% (2020), 8% (2021), 0% (2022)
- 4: 3% (2020), 3% (2021), 3% (2022)
- 5: 4% (2020), 3% (2021), 0% (2022)
- >5: 1% (2020), 2% (2021), 0% (2022)
Amount salary support for role APD

- 79% >20%
- 10% 20-24%
- 6% 25-29%
- 3% 30-34%
- 2% 35-39%
- 3% 40-44%
- 6% 45-49%
- 2% >50%

Has Support Changed
- Increased 19%
- No 81%

Is support sufficient?
- Strongly Disagree 15%
- Neutral 32%
- Strongly Agree 18%
- 28%
How is the APD position funded?

- No salary, protected or release time support: 34% (2020), 34% (2021), 30% (2022)
- Salary support allocated to Program Director, with a portion allocated to the Associate/Assistant Program Director, at the PDs discretion: 21% (2020), 12% (2021), 11% (2022)
- Separate source allocated to Associate Program Director, independent of that allocated to Program Director: 37% (2020), 44% (2021), 52% (2022)
- I don’t know: 40% (2020), 10% (2021), 7% (2022)

n = 94
Recruiting & retaining Core Faculty is difficult due to insufficient funding.

Core Faculty receive salary/protected or time support

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>81%</td>
<td>76%</td>
<td>64%</td>
</tr>
<tr>
<td>Yes</td>
<td>18%</td>
<td>21%</td>
<td>33%</td>
</tr>
<tr>
<td>I don’t know</td>
<td>1%</td>
<td>3%</td>
<td>3%</td>
</tr>
</tbody>
</table>

n = 105
Min. number of months of research time for fellows

<table>
<thead>
<tr>
<th>None</th>
<th>1-3 mos.</th>
<th>4-6 mos.</th>
<th>7-9 mos.</th>
<th>10-12 mos.</th>
<th>13-17 mos.</th>
<th>18 mos.</th>
<th>&gt;18 mos.</th>
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</thead>
<tbody>
<tr>
<td>9%</td>
<td>31%</td>
<td>34%</td>
<td>33%</td>
<td>8%</td>
<td>9%</td>
<td>23%</td>
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<tr>
<td>7%</td>
<td>23%</td>
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<td>9%</td>
<td>13%</td>
<td>20%</td>
<td>18%</td>
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</tr>
<tr>
<td>5%</td>
<td>23%</td>
<td>33%</td>
<td>13%</td>
<td>5%</td>
<td>5%</td>
<td>3%</td>
<td>4%</td>
</tr>
</tbody>
</table>

n = 105
% of fellows extend their fellowship beyond three years for additional research training.

n = 105
TOPIC 2

ICU Staffing
Number of **required** in-house nights for fellows annually

- **Year 1**: 20%
- **Year 2**: 70%
- **Year 3**: 18%

Fellows compensated?
- **Yes**: 18%
- **No**: 70%
- **N/A, not required**: 23%

**n = 104**
How do faculty supervise in-house fellows?

- **Not Supervised**
- **In-house for supervision**
- **Supervise by telephone ONLY**
- **Supervise by phone (and come in-house as needed)**
- **Not applicable**

**Faculty compensated?**
- Yes: 14%
- No: 86%

n = 85
TOPIC 3

Procedural Competency
Percentage of Fellows who met your Program’s Standards for Performing Procedures Independently and Competently by Graduation

0% 20% 40% 60% 80% 100%

PleurX Cath Trach CC US EBUS

% fellows meeting requirement

100% 76-99% 51-75% 26-50% 1-25% 0%

Association of Pulmonary and Critical Care Medicine Program Directors
Number of Procedures Performed Over Course of Fellowship

**Bedside Tracheostomy (N=95)**
- 0: 34%
- 1-5: 33%
- 6-10: 10%
- 11+: 23%

**EBUS (N=81)**
- 0: 2%
- 1-20: 70%
- 21-40: 23%
- 41-50: 25%
- 51+: 27%

**Pleural Catheters (N=73)**
- 0: 12%
- 1-5: 41%
- 6-10: 18%
- 11+: 29%
To what extent do you have faculty expertise and time to teach and supervise your fellows to achieve competent, independent performance by graduation.

- Trach: 73% Sufficient Faculty Expertise, 60% Sufficient Dedicated Time
- CC US: 91% Sufficient Faculty Expertise, 66% Sufficient Dedicated Time
- EBUS: 94% Sufficient Faculty Expertise, 89% Sufficient Dedicated Time
- PleurX Catheter: 84% Sufficient Faculty Expertise, 70% Sufficient Dedicated Time

n=100
TOPIC 4

Endobronchial Ultrasound
Who trains your fellows in EBUS?

- Board-Certified IP: 20%
- A non-IP trained faculty member: 30%
- Both: 50%

n = 81

Who assess competency of your fellows in EBUS?

- Board-Certified IP: 30%
- A non-IP trained faculty member: 20%
- Both: 50%
ABIM should include Endobronchial Ultrasound – guided biopsy as a required procedure for Pulmonary board eligibility

- Strongly Disagree: 15%
- Neutral: 23%
- Strongly Agree: 21%

n=85
TOPIC 5

Pulmonary Artery Catheterization
How many graduating fellows consistently demonstrated competent and independent performance by year-end

- Insert a PAC
- Interpret and Apply Findings from PAC

n= 100
TOPIC 7

Fellowship Curriculum
Does your Program Provide Training in health equity, healthcare disparities, and healthcare justice?

- Yes: 67%
- No: 33%
Fellowship Application
Preferred interview format for fellowship recruitment

- Virtual: 34%
- In-person: 18%
- Candidate choice: 13%
- Virtual optional in-person visit: 31%
- No preference: 3%
- Other: 1%

n= 100

Prefered interview format for fellowship recruitment
Questions?