

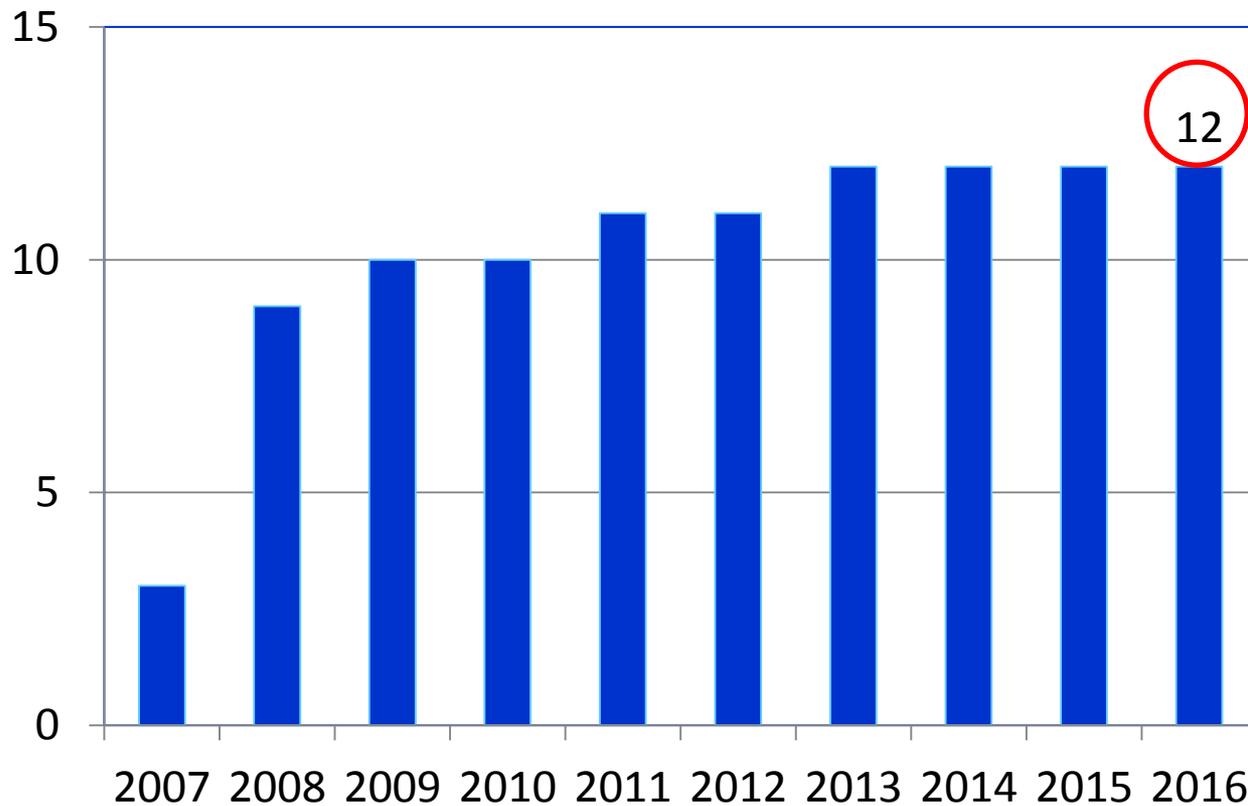
Congenital Residency Update

Cynthia S. Herrington, MD

Chair, Congenital Program Directors
Thoracic Surgery Directors Association

Saturday January 21, 2017

Total Congenital ACGME Programs Per Year



Current ACGME Congenital Cardiac Programs

Carl Backer, MD (Chair)
Lurie Children's Hospital

Francis Fynn-Thompson, MD
Children's Hospital Boston

David Campbell, MD
Children's Hospital Colorado

Richard Ohye, MD
CS Mott Children's Hospital

Charles Fraser, MD
Texas Children's Hospital

Lester Permut, MD
Seattle Children's Hospital

Cynthia Herrington, MD
Children's Hospital of Los Angeles

Brian Reemtsen, MD
University of California Los Angeles

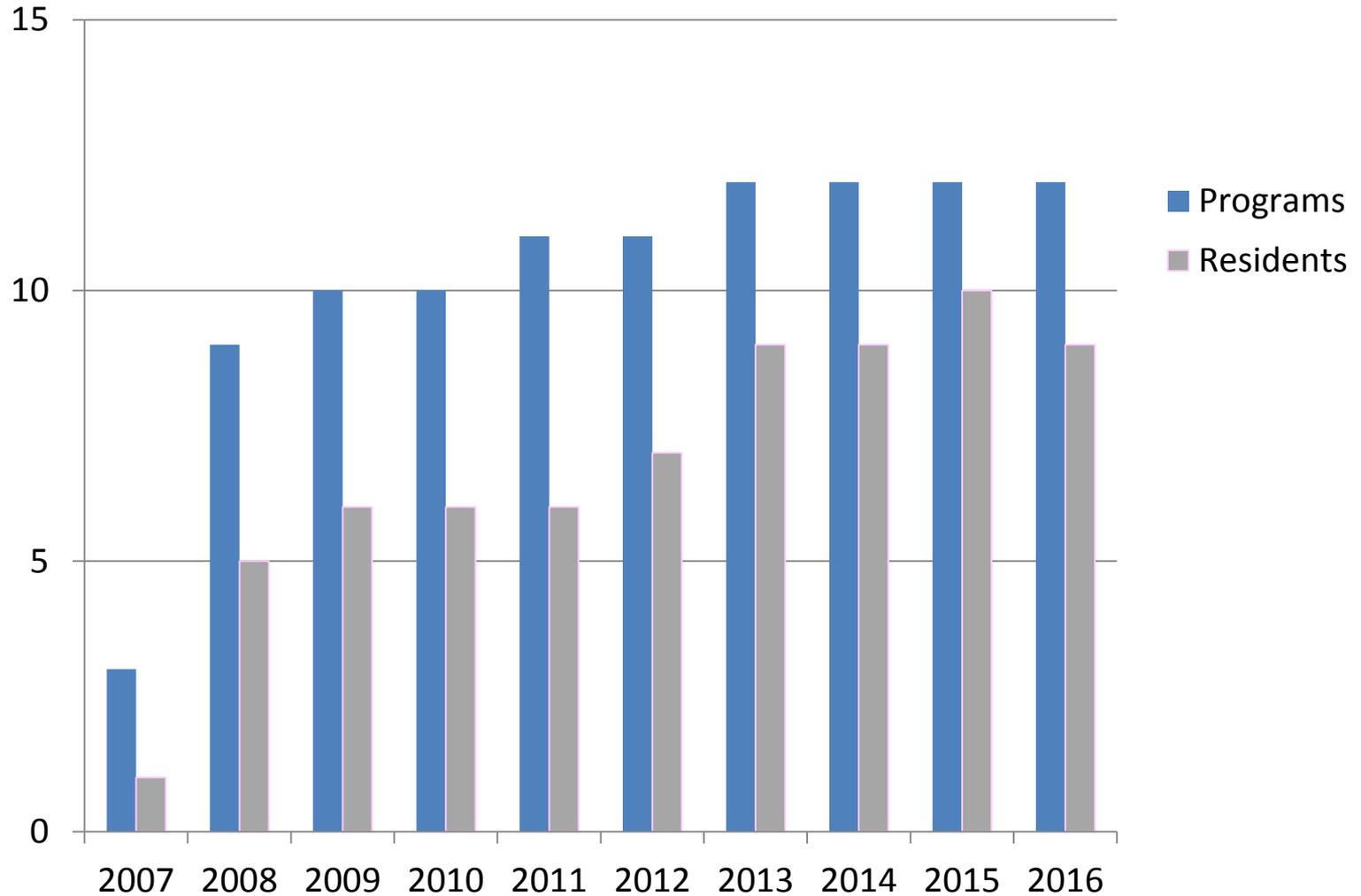
Brian Kogon, MD
Children's Healthcare of Atlanta

Stephanie Fuller, MD
Children's Hospital of Philadelphia

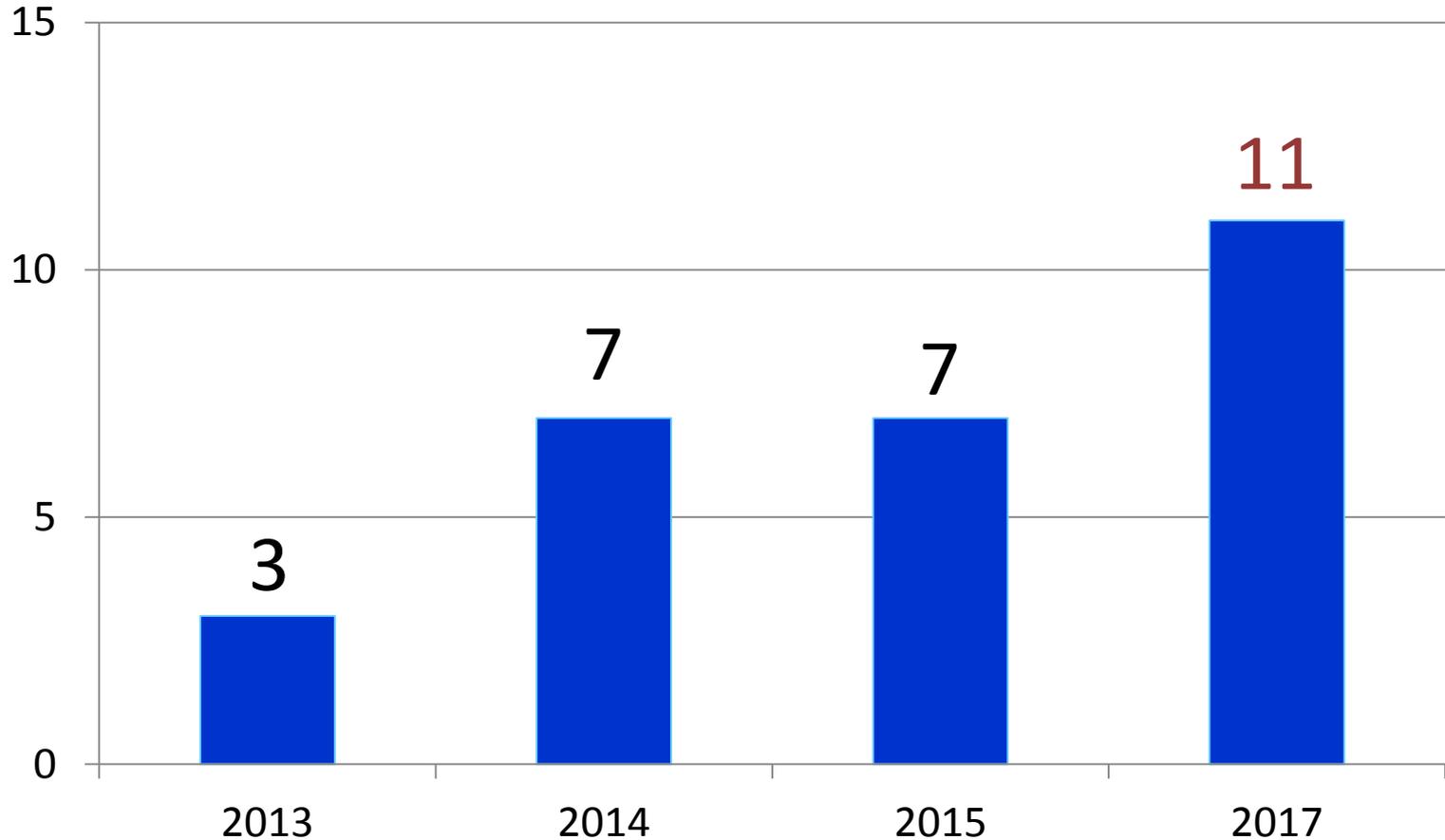
Richard Mainwaring, MD
Lucile Packard Children's Hospital

Michael Mitchell, MD
Children's Hospital Wisconsin

Congenital Programs with a Resident

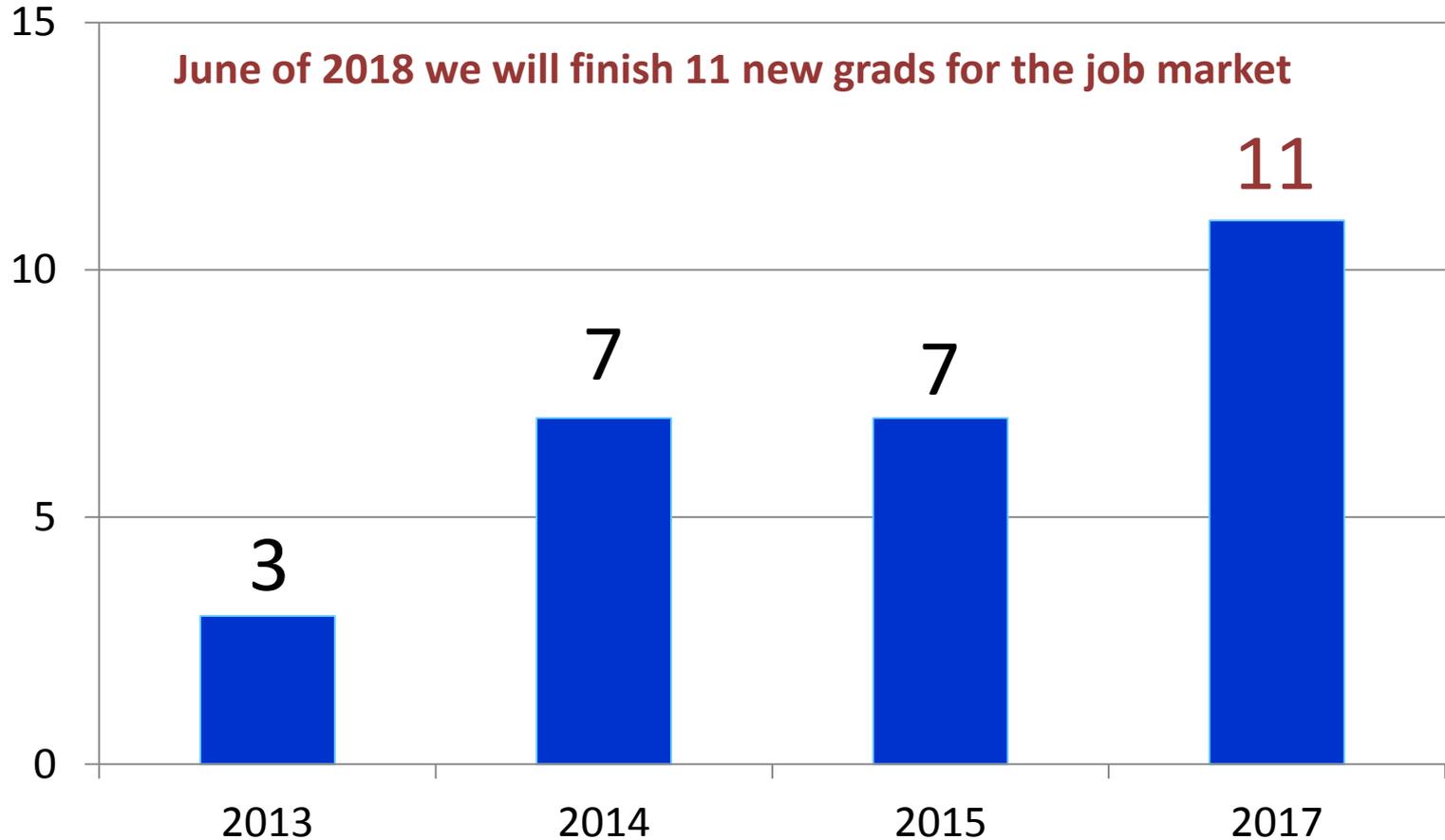


Resident Participation in Congenital Match



2017: 11 Programs Matched

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2017: 11 Programs Matched

Congenital cardiac surgery fellowship training: A status update

Brian Kogon, MD, Tara Karamlou, MD, William Baumgartner, MD, Walter Merrill, MD, and Carl Backer, MD

Background: In 2007, congenital cardiac surgery became a recognized fellowship by the Accreditation Council of Graduate Medical Education (ACGME) and leads to board certification through the American Board of Thoracic Surgery (ABTS). We highlight the strengths and weaknesses in the current system of accredited training.

Methods: Data were collected from program directors, the ACGME, and the ABTS. In addition, surveys were sent to training program graduates. Topics included program accreditation status, number of fellows trained per year and per program, match results, fellow operative experience, fellow satisfaction, and post-fellowship employment status.

Results: There are twelve active accredited fellowship programs, and 44 trainees have completed accredited training. Each active program has trained a median of 3 fellows (range: 0-7). Operative logs were obtained from 38 of 44 (86%) graduates. The median number of total cases (minimum 75) was 136 (range: 75-236). For complex neonates (minimum 5), the median number of cases was 6 (range: 2-17). Some fellows failed to meet the minimum requirements. Thirty-six (82%) graduates responded to the survey; most were satisfied with their overall operative experience, but less with their neonatal operative experience. Of this total, **84% are currently practicing congenital cardiac surgery, and 74% secured jobs prior to completing their residency.**

Conclusions: Since 2007, congenital cardiac surgery training has been accredited by the ACGME. In general, the training is uniform, the operative experience is robust, and the fellows are satisfied. Although shortcomings remain, this study highlights the many strengths of the current system. (J Thorac Cardiovasc Surg 2016;151:1488-95)

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In our study, by survey, 84% of graduates are currently practicing congenital cardiac surgery, and 74% secured jobs prior to completing their fellowship. However, not all of the congenital training programs have trained a fellow every year thus far. In fact, we have only graduated a **median of 6.5 fellows per year** (range: 6-10).

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Although we may be becoming more closely aligned, options to even better align the number of trainees with the number of job opportunities include increasing the minimum case volume requirements, so that fewer institutions have training programs, **and creating a rotating schedule for the accredited programs so that every program does not train a fellow every year.**

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Programmatic Updates

2010 – Curriculum Outline – Paper Handout

2012 - Curriculum Online – Weekly

2014 - Curriculum Online – Weekly (Draft #2)

2015 – Curriculum Transition to Moodle to Astute (2016)

June 13, 2015 – First In-Service Exam

95 Questions, Average Grade = 89%

October 2015 – CHSS-Best Congenital Resident Paper

March 12, 2016 – Second In-service Exam

114 Questions, Average Grade = 82%

Congenital Cardiac Programs in U.S.

