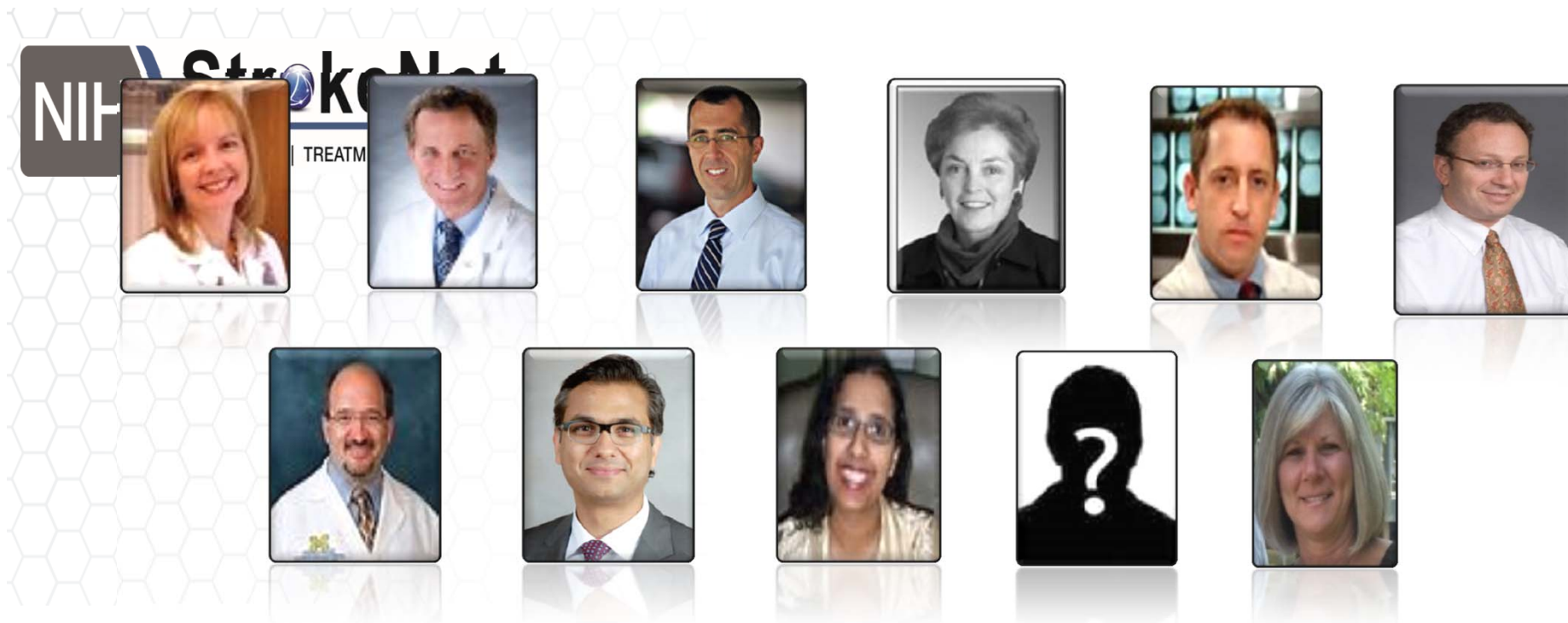




NIH StrokeNet Training Core Update

Dawn Kleindorfer, MD





2016-2017 NIH StrokeNet Trainee Core Members



Pictured from left to right:

Dawn Kleindorfer, Chair, UC, Randy Marshall, Co-Chair, Columbia, Scott Janis, Project Scientist, NINDS, Barbara Bregman, Faculty, Georgetown, David Liebeskind, Faculty, UCLA, David Tirschwell, Faculty, Washington, Cemal Sozener, Former Trainee, Michigan, Farhaan Vahidy, Former Trainee, UTH, Heena Olalde, Coordinator, Iowa, Jeanne Sester, Coordinator, UC, Kristy Yuan, Trainee, UCSF, Laura Stein, Trainee, UPenn



Who are our trainees?

Current Trainees

- 28 trainees, 64% female
- 4 Minority/Underrepresented
- 11/28 are faculty members
- Degrees
 - MD 22
 - PhD 4
 - MPH - PhD 1
 - MPH 1

Disciplines of Trainees

| | |
|--|----|
| • Vascular Neurology | 10 |
| • Neurology | 8 |
| • Neurology/NSG Neurocritical Care | 2 |
| • Neurosurgery | 2 |
| • Stroke Rehabilitation | 1 |
| • Stroke Epidemiology | 2 |
| • Emergency Medicine | 1 |
| • Vascular Physiology | 1 |
| • Occupational Therapy/Rehabilitation Psychology | 1 |

Former Trainee Data

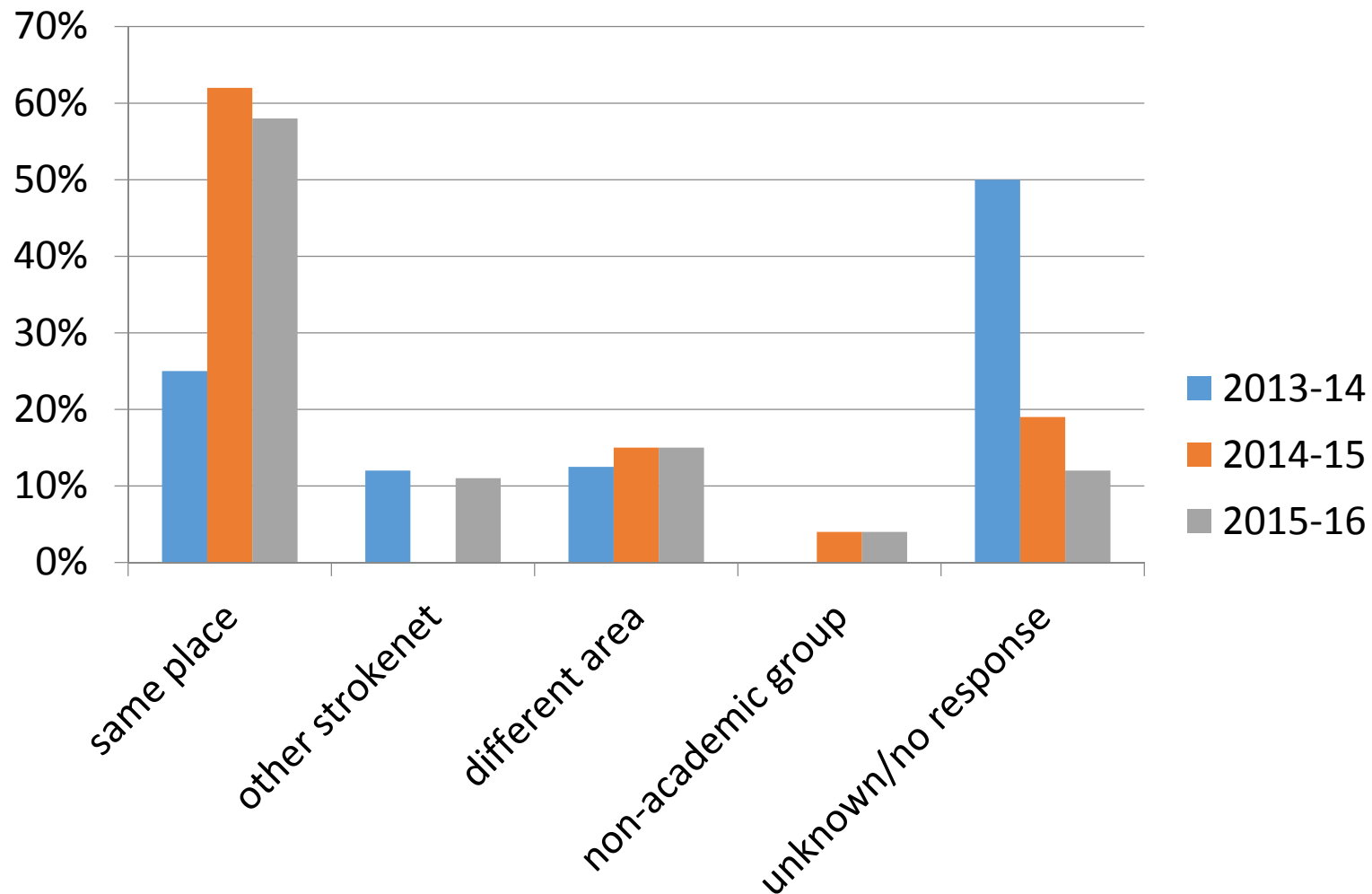
Trainee Publication Productivity 2015-16

- 26/27 trainees had abstracts or manuscripts
- 58 first-author abstracts
- 27 first-author manuscripts
- 33 secondary author abstracts
- 23 secondary author manuscripts

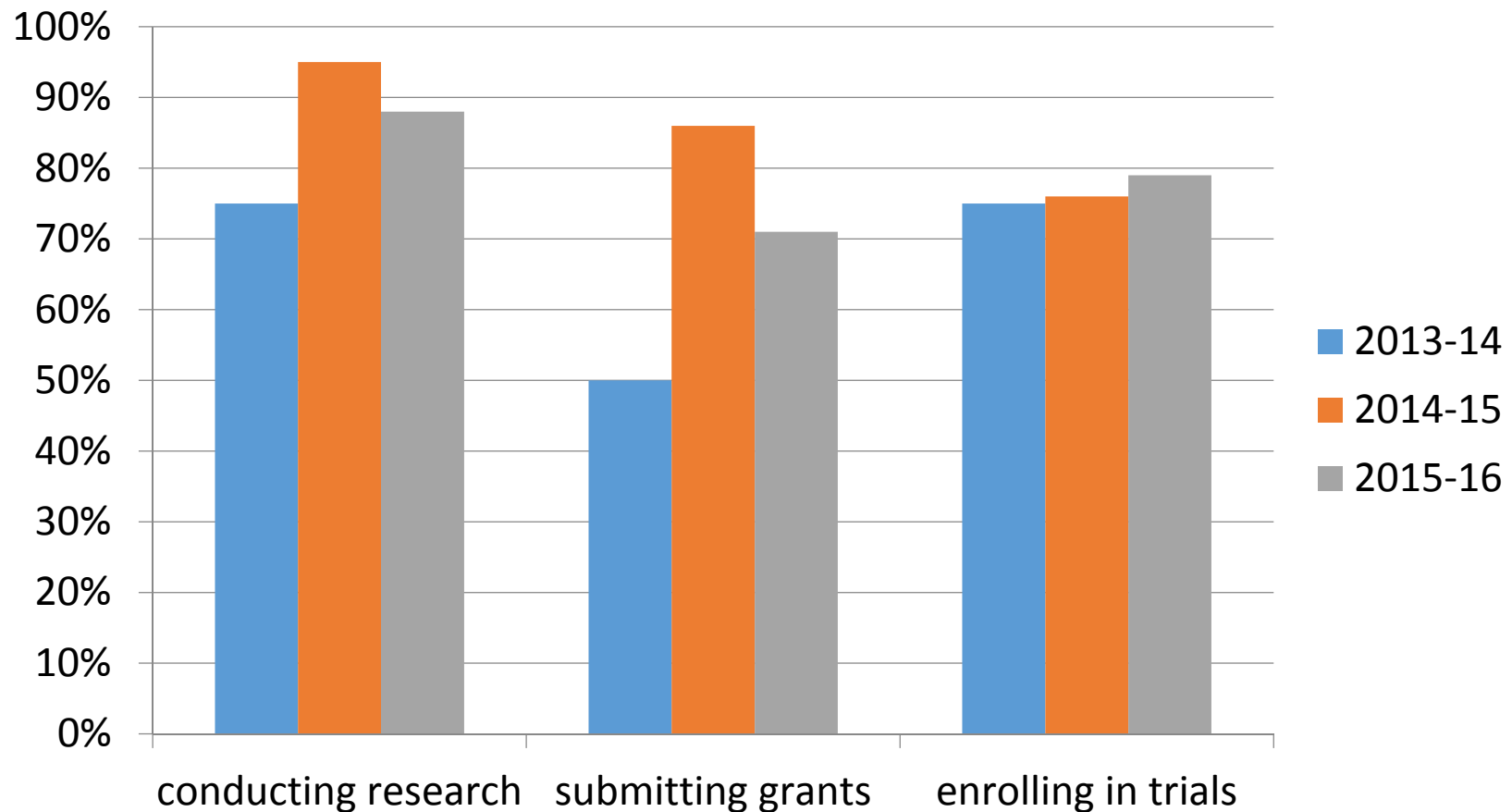
Grant Submissions During StrokeNet Training Period, 2015-16

- 10 trainees submitted 23 grants during the training year
 - Internal pilots
 - K23
 - KL2
 - Other NIH
 - Industry
 - Foundation

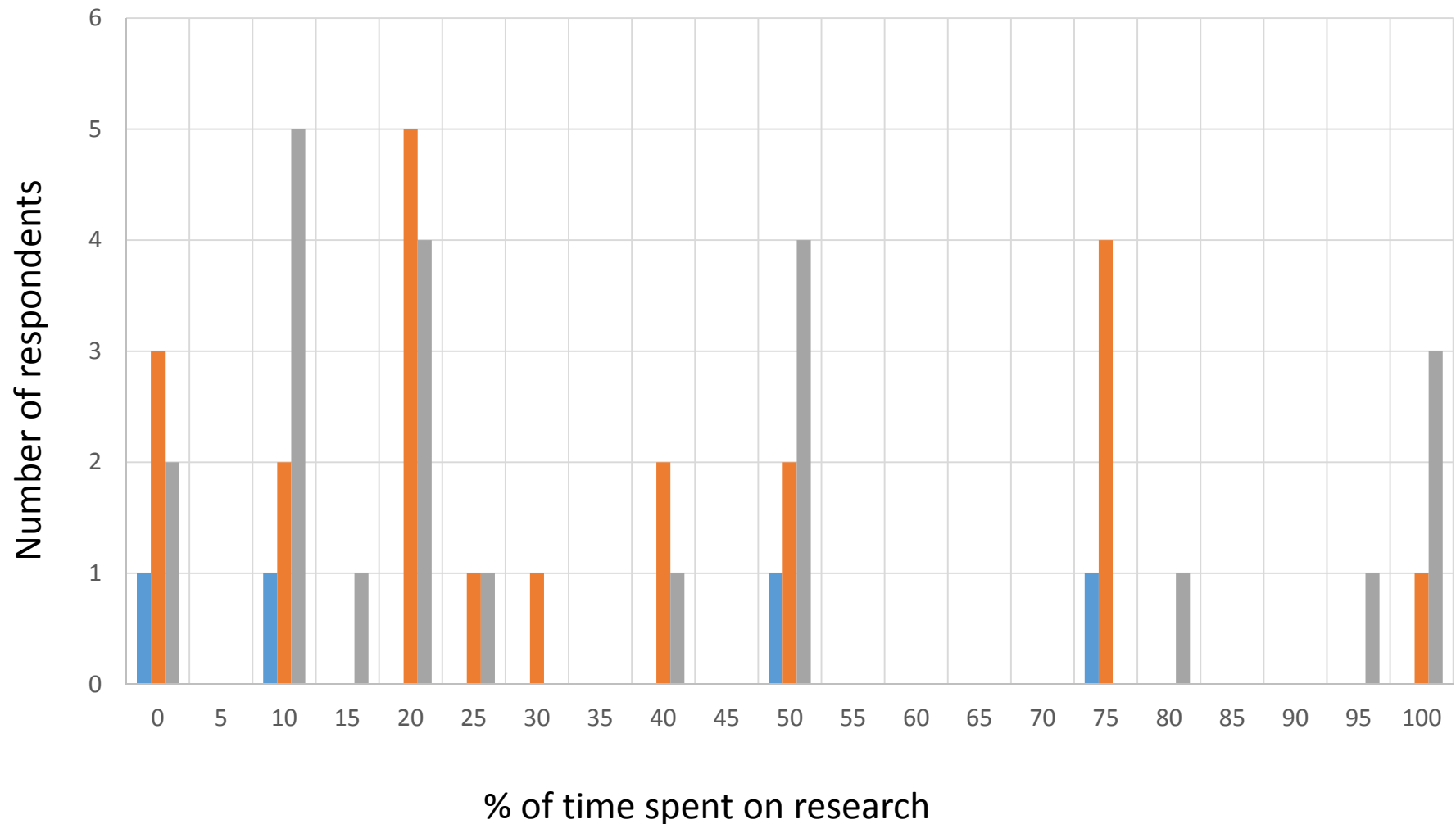
Where do StrokeNet Trainees Go Next?



What are they doing related to research?



How much time will they spend on research?



Activities of Training Core

StrokeNet Webinars

Grand Rounds

- 2015-2016 Average Attendees = **78**
- 2016-2017 Average Attendees = **70**

Professional Development

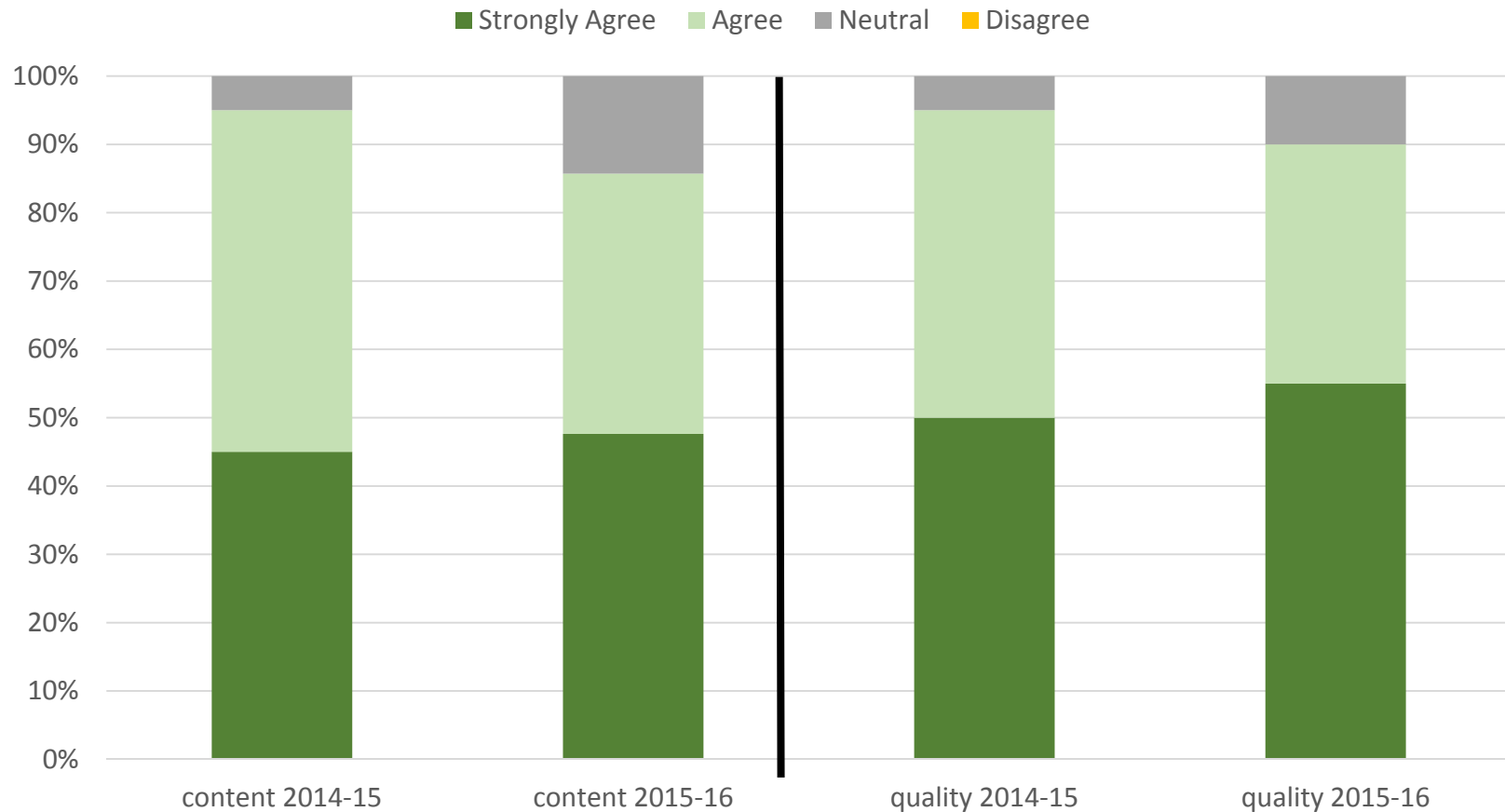
- 2015-2016 Average Attendees = **51**
- 2016-2017 Average Attendees = **51**

StrokeNet Grand Rounds

(previously Didactic Webinars)

- Process for selecting topics and speakers:
 - All RCC sites are surveyed and asked to name three topics and speakers they would like to hear
 - Training core members review the list and rank their preferences
 - The top scoring topics and speakers are chosen on a Training Core Call

StrokeNet Grand Rounds Evals



2016 – 2017
StrokeNet Grand Rounds Schedule
All Webinars begin at 4:00PM Eastern Time
Except for October 11th which will begin at 2:00 ET

| Date | Topic | Speaker | Institution | Moderator |
|-------------------------------|---|--|-----------------------------------|------------------|
| July 28 | Atrial Cardiopathies and Cryptogenic Stroke | Hooman Kamel | Weil Cornell | David Tirschwell |
| Aug 25 | Genetics in Stroke | Dan Woo | Cincinnati | David Liebeskind |
| Oct 11 Tuesday 2:00 EDT | Minority Recruitment and Retention | Claudia Moy, Yuko Palesch, Bernadette Boden-Albala | NINDS MUSC NYU | Dawn Kleindorfer |
| Oct 27 | Wake-up Strokes/Unknown Onset | Shlee Song | Cedars Sinai | David Liebeskind |
| Nov 17 | Moyamoya and other Arterio – Pediatric treatment and complications | Edward R Smith | Children's Hospital Boston | David Tirschwell |
| Jan 26 | Pharmacology and mHealth to improve Rehabilitation Outcomes | Bruce Dobkin | Geffen School of Medicine at UCLA | Randy Marshall |
| Feb 23 | Post-Stroke Outcome Measures | Pam Duncan | Wake Forrest | Randy Marshall |
| Mar 23 | Gloves Off for Acute Stroke Management; Fellow Case Presentations to two Stroke Experts | Pooja Khatri Pat Lyden | Cincinnati Cedars Sinai | Randy Marshall |
| April 20 | Cancer and Stroke | Babak Navi | Weil Cornell | David Tirschwell |
| May 25 | Big Data and our Understanding of Stroke Population Outcomes | Anthony Kim | UCSF | David Tirschwell |

Professional Development Webinars

- Process: Topics and speakers suggested by members of the education core and end-of-the-year trainee survey
- Variable times and dates (by request of some RCCs)
- Topics and speakers voted upon during Training Core call
 - Many speakers/topics the same year to year

NIH StrokeNet Professional Development Webinar Schedule

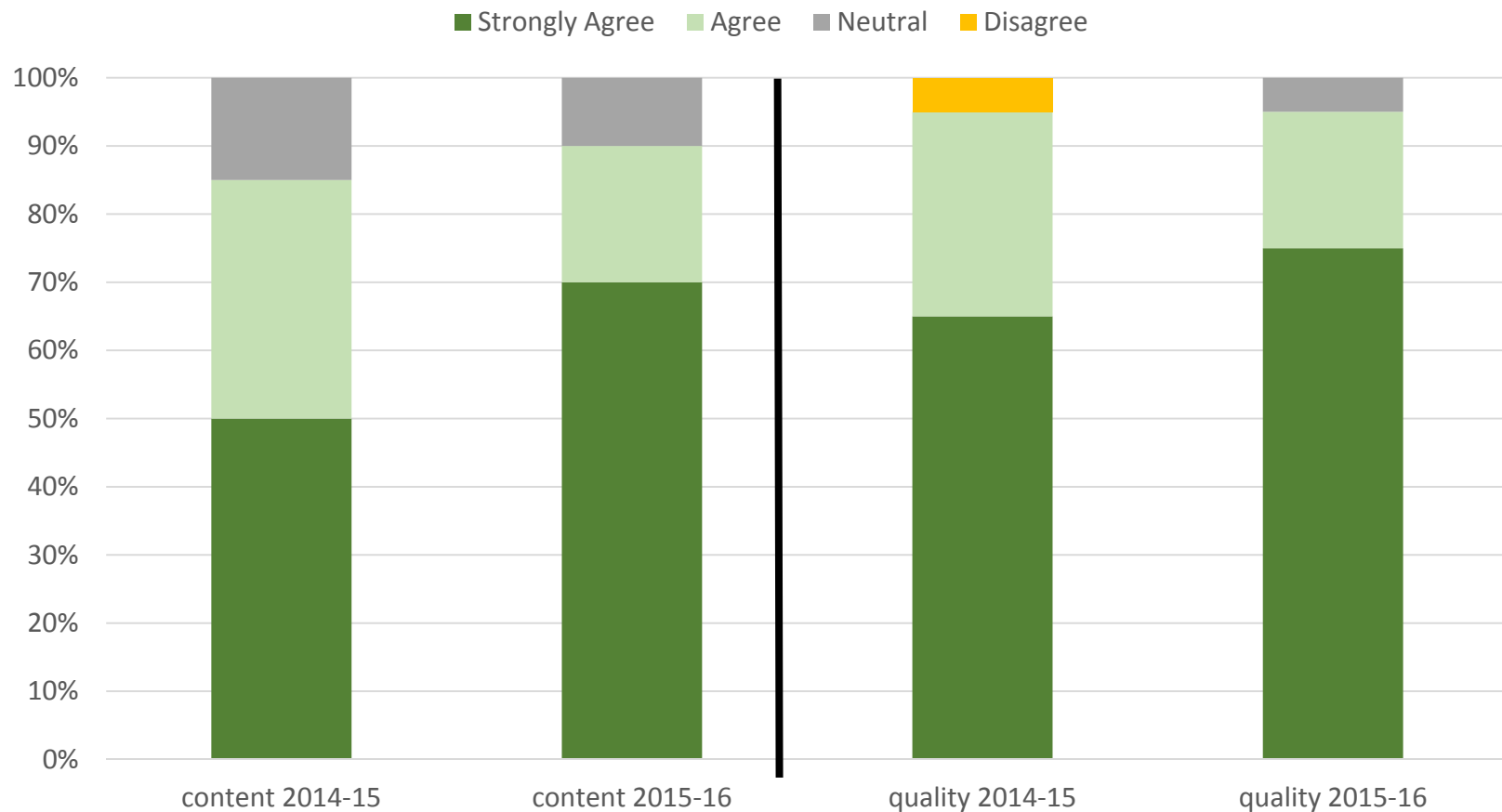
All Times are Eastern Time

2016 – 2017

To join the meetings: <https://nihstrokenet.adobeconnect.com/pdw/>

| Date | Topic | Speaker | Time | Institution | Moderator |
|-----------------------------|--|---------------------------------|-------------|-------------|------------------|
| Aug 1 Monday | Writing your CV & Biosketch | Dawn Kleindorfer | 3:00 EDT | Cincinnati | None Needed |
| Aug 16 Tuesday | Grant Writing | Steve Greenberg | 2:00 EDT | MGH | Randy Marshall |
| Sept 22 Thursday | How to Present your Data | Enrique Leira | 2:00 EDT | Iowa | Farhaan Vahidy |
| Oct 19 Wednesday | Creating a Study Budget | Joe Broderick Judith Spilker | 2:00 EDT | Cincinnati | David Liebeskind |
| Nov 10 Thursday | Approval Process for Medical Devices in Stroke | Wade Smith | 2:00 EST | UCSF | Dawn Kleindorfer |
| | TBA - Trainee Presentations | | | | |
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StrokeNet Professional Dev. Evals



Research Presentations

- RCC Trainees submitted summary of their research
 - Assigned 2+ faculty mentors to review their work for feedback
 - Training core members reviewed the applications and scored them
- 3 presented at ISC StrokeNet General Meeting
- 6 presented at a session prior to the StrokeNet meeting, with designated mentors present
 - Very engaged group, lots of great discussions
- Remainder presented webinars monthly over the year.
- **This year research presentations are required!**
 - Deadline will be in mid-November

Activities of the Training Core

- Supervision of the RCC Training Programs
 - Ensure that adequate focus on stroke research
 - Education plans with milestones for progress due prior to trainee arrival
 - We really do read these!
 - Final Progress Report
 - Including information about their next position and success in research so far, contact information
 - We read these too....please ensure that these are filled out adequately. Trainees should participate in the process.

What kind of training?

- Research training \neq a few didactic courses squeezed into a clinically heavy schedule
- Coursework is important, but protected time from clinical activity and strong mentorship even more important
 - Pre-specified goals and milestones agreed upon by trainee and mentor ideal
 - If the trainee only has time for courses, this is a problem

Activities of the Training Core

- Serve as a resource for trainees and mentors
 - Maintain contact info for current and past trainees
 - Post training opportunities, such as NINDS Clinical Trials Workshop
 - Job postings
 - Assist with finding mentors for trainees off-site
 - Away rotations

End-of-year Survey of 2015-16 Trainees

- “your overall experience was good, and you believe it enhanced your stroke research career”
 - 70% strongly agree, 30% agree

| Mentorship | Strongly Agree | Agree | Neutral | | |
|--|----------------|-------|---------|----------------|--|
| The time you were able to spend with your mentor met your needs. | 65% | 25% | 10% | | |
| The feedback you received from your mentor was adequate & helpful. | 70% | 20% | 10% | | |
| Did the mentor assigned develop into a relationship? | 60% | 25% | 5% | No Answer – 5% | |

How did you feel about time spent?

| How do you feel about how your time was spent? | About Right | Too Much | Too Little |
|--|-------------|----------------------------------|------------|
| Clinical | 75% | 1 No Answer – 5% 2 NA's – 10% | 10% |
| Education | 90% | 1 = 5% | 5% |
| Research | 95% | | 5% |

Written Feedback-Strengths

- Overwhelmingly positive feedback regarding research presentations in all formats
- Webinars are considered a strength, as is the overall opportunity for protected time, mentors

Written Feedback-Opportunities

- Number one issue: networking with their peers
 - ISC meeting social event: 4 attendees
 - Slack: not being used
 - Other ideas (without requiring funding)?
- Diversity of the trainee pool makes it hard for one-size-fits-all
- One year did not seem long enough for many
- Statistics training lacking
 - Our recommendations of online curriculum for stats training not utilized/communicated well