NIH StrokeNet Training Core Update

Dawn Kleindorfer, MD

Sept 12th, 2017

2017-2018 NIH StrokeNet Training Core Members

Pictured from left to right:

Dawn Kleindorfer, Chair, UC, Randy Marshall, Co-Chair, Columbia, Scott Janis, Project Scientist, NINDS, Harold Adams, Faculty, Iowa, Lori Jordan, Faculty, Vanderbilt, Shyam Prabhakaran, Faculty, Northwestern, David Liebeskind, Faculty, UCLA, Cemal Sozener, Former Trainee, Michigan, Farhaan Vahidy, Former Trainee, UTH, Iszet Campo-Bustillo, Coordinator, Miami, Stephanie Wilbrand, Coordinator, Wisconsin, Jeanne Sester, Coordinator, UC,

Who are our trainees?

Current Trainees

- 28 trainees, 50% female

- 3 Minority/Underrepresented

- 10/28 are faculty members

- Degrees

  - MD   15
  - PhD   3
  - MD – MPH   2
  - MBBS   1
  - MPH – PhD   2
  - PhD – MHS   1
  - MPH   2
  - MS/OTR/L   1
  - FNP-C   1

Disciplines of Trainees

- Neurology   3
- Vascular Neurology   13
- Neurology/NSG/Neurocritical Care   1
- Neurology/Neurocritical Care   2
- Neurology/Stroke Rehabilitation   1
- Neurosurgery   3
- Internal Medicine/Molecular Medicine   1
- Occupational Therapy   1
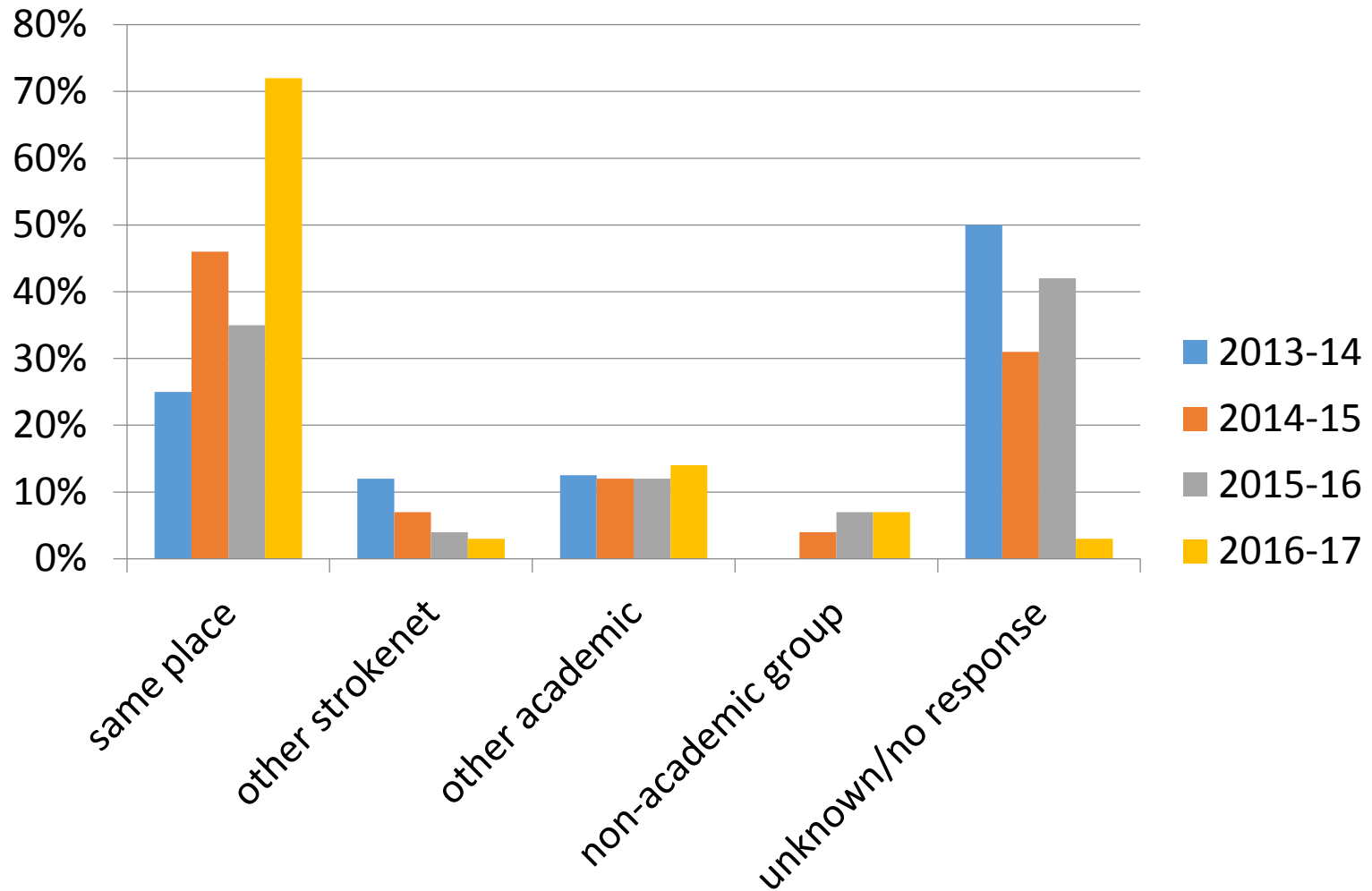- Preventive Medicine   1
- Stroke Epidemiology   2

Level of Trainees

- Faculty   2
- Junior Faculty   8
- Fellow   13
- Fellow Instructor   1
- Post Doc Fellow   1
- Post Doc Trainee   1
- Trainee   2

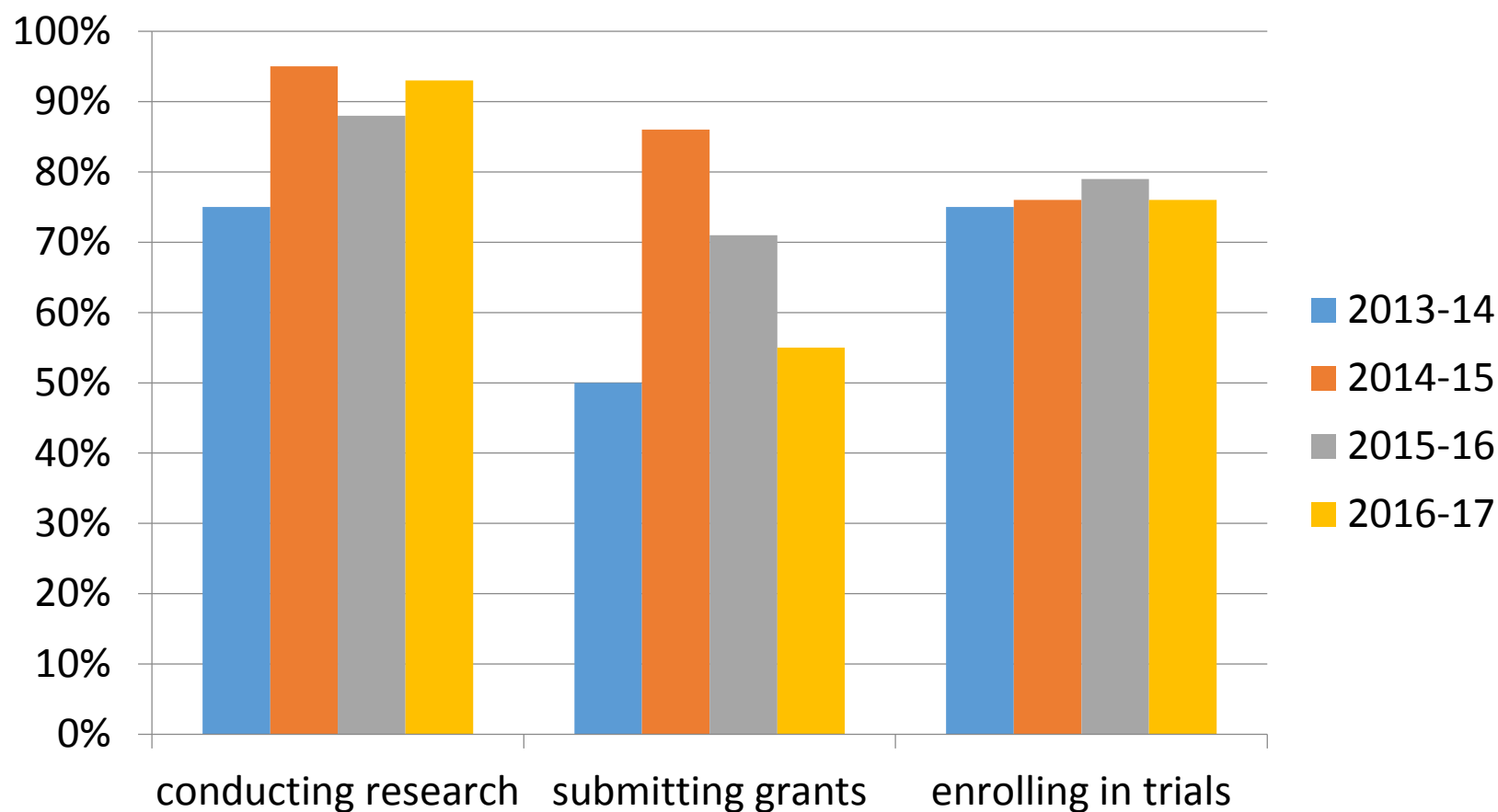# Overall Summary of StrokeNet Trainees to Date

- 107 Trainees

- >50% non-stroke neurology

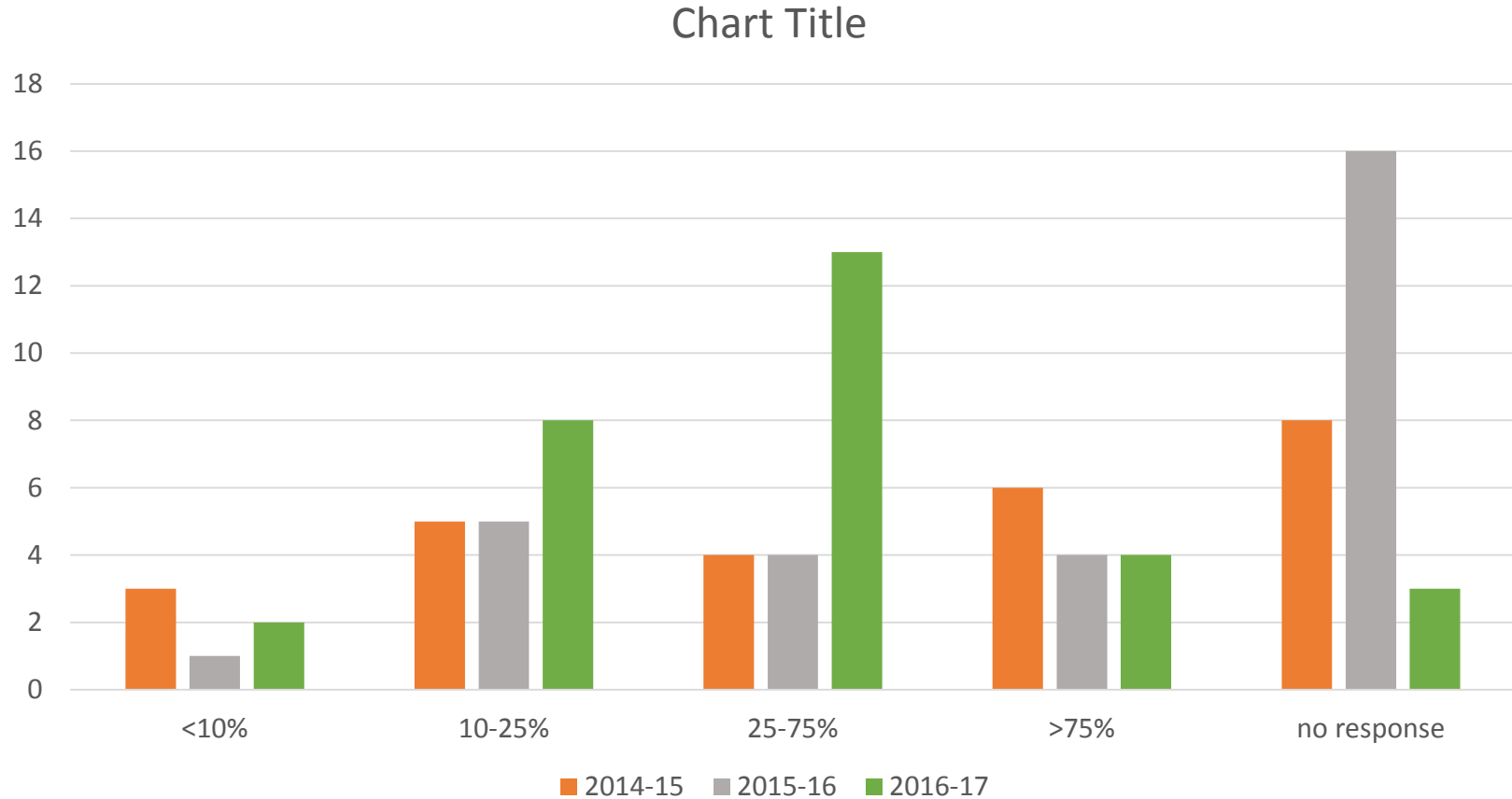- 44% female, 9% under-represented minority

Former Trainee Data

Where do StrokeNet Trainees Go Next?

What are they doing related to research?

How much time will they/are they spending on research?

Chart Title

	<10%	10-25%	25-75%	>75%	no response
2014-15	3	5	4	6	8
2015-16	1	5	4	4	16
2016-17	2	8	13	4	3

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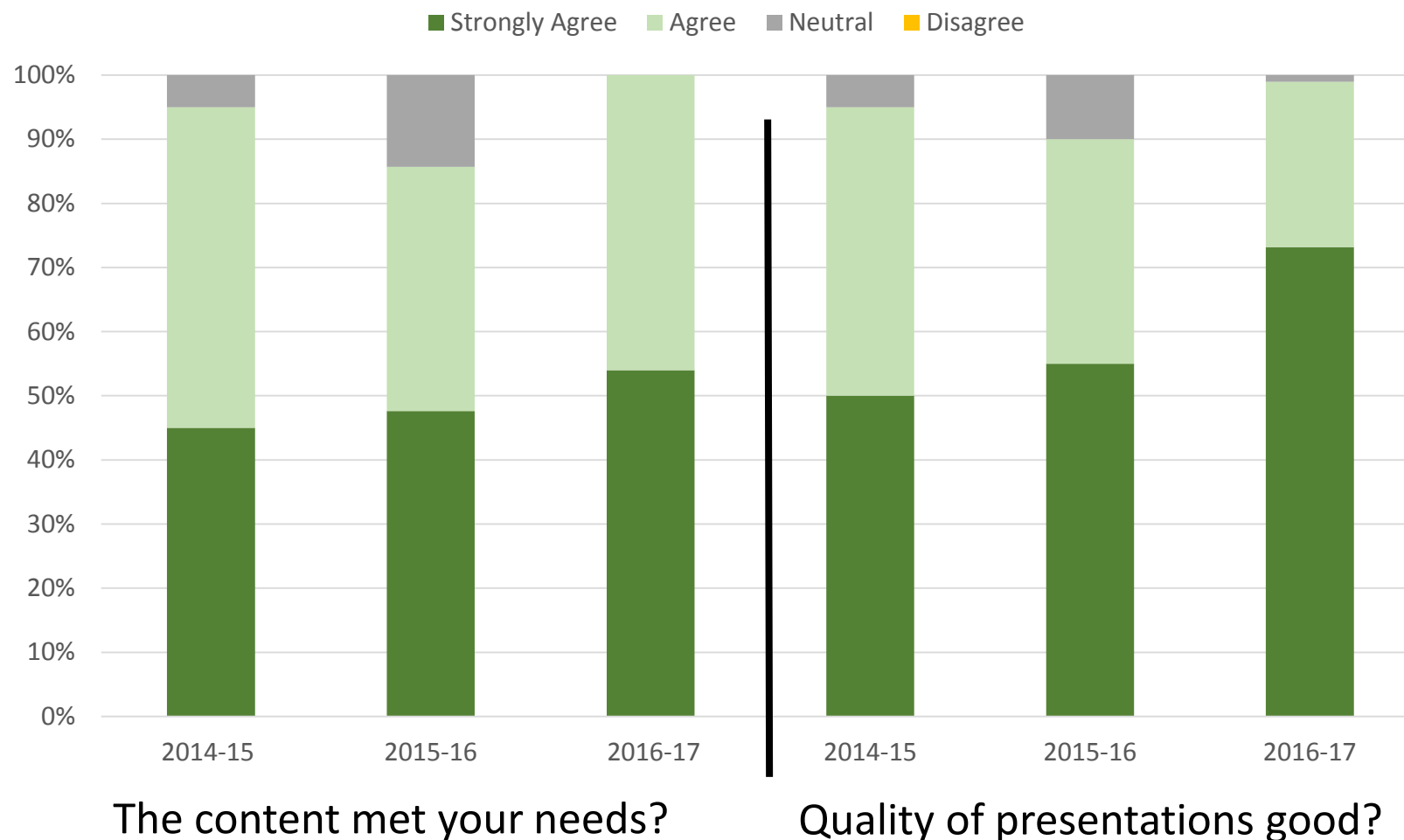- 2016-2017 Average Attendees = **51**

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

NIH StrokeNet
PREVENTION | TREATMENT | RECOVERY

2017 – 2018
StrokeNet Grand Rounds Schedule
All Webinars begin at 4:00PM Eastern Time
https://nihstrokenet.adobeconnect.com/grandrounds/

Date	Topic	Speaker	Institution	Moderator
July 27	Use of Robotics in Stroke Recovery	Joel Stein, MD	Columbia University, Weill Cornell Medicine	Farhaan Vahidy
Aug 31	Post-Stroke Outcome Measures	Pam Duncan, PhD, PT	Wake Forrest	Harold Adams
Sept 28	Acute Reperfusion Therapy as in Dawn & DEFUSE 3/ Wake up Strokes	Raul Nogueira, MD	Emory University	David Liebeskind
Oct 26	Predicting Stroke Recovery/PREP Algorithm	Cathy Stinear, PhD	University of Auckland	Randy Marshall
Nov 30	International and US Stroke Disparities	Ralph Sacco, MD	University of Miami	Lori Jordan
Jan 18	TCD Embolus Detection / Measurement of Carotid Plaque Burden Hemodynamics	David Spence, MD Randolph Marshall, MD	Robarts Research Institute Columbia University	Dawn Kleindorfer
Feb 22	Sex Differences in Stroke	Louise McCullough, MD, PhD	University of Texas, Houston	Farhaan Vahidy
Mar 22	Gloves Off for Acute Stroke Management; Fellow Case Presentations to Two Stroke Experts	Larry Wechsler, MD Jennifer Majersik, MD	UPMC University of Utah	Randy Marshall
Apr 26	Stroke Prevention with the Expanded use of NOAC and use of Anticoagulants	Scott Kasner, MD	University of Pennsylvania	Shyam Prabhakaran
May 31	Post Stroke Depression	Pam Mitchell, PhD	University of Washington	Cemal Sozener

StrokeNet Grand Rounds Evals

The content met your needs?   Quality of presentations good?

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
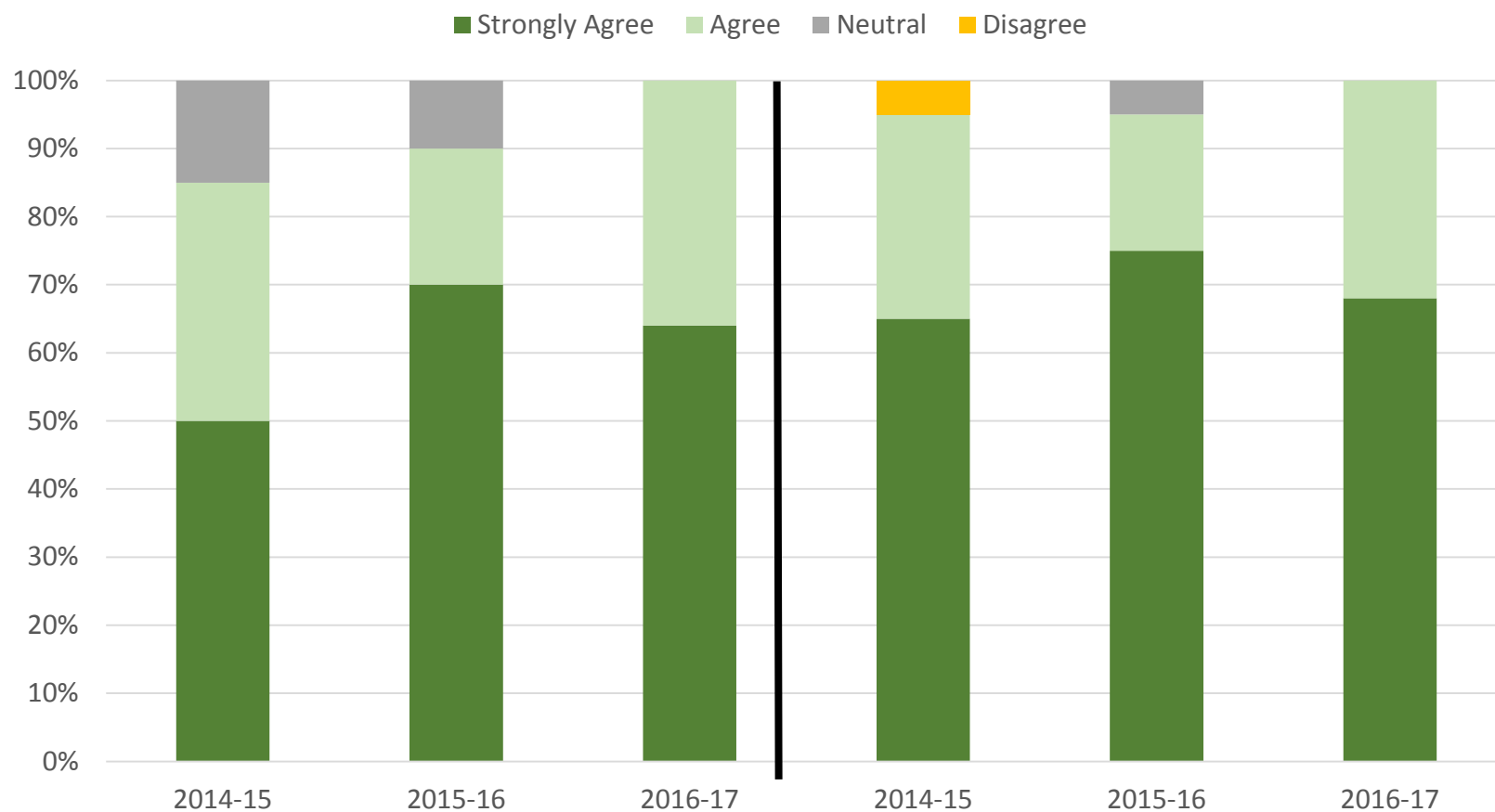 - Many speakers/topics the same year to year

NIH StrokeNet
PREVENTION | TREATMENT | RECOVERY

NIH StrokeNet Professional Development Webinar Schedule
<u>All Times are Eastern Time</u>
2016 – 2017
https://nihstrokenet.adobeconnect.com/pdw/

Date	Topic	Speaker	Time	Institution	Moderator
Aug 16 Wednesday	Writing your CV & Biosketch	Dawn Kleindorfer	1:00 PM ET	UC	No Moderator Needed
Oct 12 Thursday	How to Present your Data	Enrique Leira	2:00 PM ET	Iowa	
Oct 19 Thursday	Creating a Study Budget	Randy Marshall Stephanie Wilbrand	1:00 PM ET	Columbia Wisconsin	
Nov 27 Monday	When & How to Incorporate a Statistician in a Study	Yuko Palesch	3:00 PM ET	MUSC	
Jan - TBA	Trainee Presentations				
Feb - TBA	Trainee Presentations				
Mar - TBA	Trainee Presentations				
Apr - TBA	Trainee Presentations				
May - TBA	Trainee Presentations				

Professional Dev. Webinar Evals

The content met your needs? Quality of presentations good?

Research Presentations

- RCC Trainees submitted applications to present their work with summary of their research plans and/or results
  - 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

End-of-year Survey of 2016-17 Trainees

- "your overall experience was good, and you believe it enhanced your stroke research career"
  - 78% strongly agree, 22% agree

Mentorship	Strongly Agree	Agree	Neutral		
The time you were able to spend with your mentor met your needs.	75%	14%	4%		
The feedback you received from your mentor was adequate & helpful.	82%	18%			
Did the mentor assigned develop into a relationship?	67%	30%		Disagree 3%	

How did you feel about time spent?

How do you feel about how your time was spent?	About Right	Too Much	Too Little
Clinical	96%	4%	
Education	96%		
Research	100%		

Did your experience as a StrokeNet Trainee influence your decision to continue or not continue in stroke research?

- 66% yes
    - Improved networking
    - New ideas, increased interest in research
    - Good start on a project
    - Exposure to research all over the country
    - More tools to be successful
    - Encouragement, inspiring, role models
- 33% no
    - 3 of these: continuing in fellowship, personal issues drove the decision to private practice, already decided on research prior to StrokeNet

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

- 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

New Program: Learning Communities

- To improve networking within the trainees, career mentorship and research mentorship with experts external to the home RCC site
  - Divided trainees by research interest
  - Assigned RCC mentors to each group by research area of expertise
- Monthly video conference calls
  - Agenda driven by trainees
  - Discuss research ideas, career questions, get to know each other, journal clubs

Group A - Epidemiology/Prevention/Disparities	Harold Adams, MD
02 Columbia Health Sciences	Eliza Miller, MD
07 (Mt. Sinai) NYU	Eric Roberts, MPH
08 Northwestern	Rasha Alkhatib, MHS, PhD
17 Michigan	Chengwei Li, MPH
21 Texas	Kristin Brown, MD
Group B - Recovery	**Elliot Roth, MD**
03 Emory University	Deborah Barany, PhD
05 MUSC	Pratik Yashvant Chhatbar, MD, PhD
06 Medstar	Jessica Barth, MS, OTR/L
10 Stanford	Catherine Legault, MD, FRCPC
13 UCSF	Cathra Halabi, MD
Group C - Imaging/Small Vessel Disease	**Natalia Rost, MD**
04 Massachusetts General	Marco Pasi, MD
09 Ohio State	Yousef Hannawi, MD
11 UCLA	Neil Maluste, MD
23 Washington	Hiroko Watase, MD, MPH
Group D - Neurosurgery/Neurocritical Care	**Sepi Amin-Hanjani, MD**
20 U. Pittsburgh	Merritt W. Brown, MD
24 Wisconsin	Ignatius Ngene Esene, PhD
25 Vanderbilt	Natalie Hall, MSN, FNP-C, ANVP-BC,

Group E - Hyperacute Stroke	Andrew Barreto, MD
14 UC	Eva A. Mistry, MD
15 Iowa	Kaustubh Limaye,MD
16 Miami	Erika Marulanda-Londoño, MD

Group F - General Stroke	David Tirschwell, MD
07 (Mt. Siani) Montfiore	Ekaterina Bakradze, MD
19 UPEN	James E. Siegler, MD
22 Utah	Robert A. Campbell, PhD
01 Case Western Reserve	Ciro Ramos Estebanez, MD, PhD
Group G - Behavioral/Stroke Knowledge/QI	Leslie Skolarus, MD
07 Mt. Sinai	Neha S. Dangayach, MD
12 UCSD	Abhishek Lunagariya, MD
18 Minnesota	Mohammed Alkuwaiti, MBBS
06 Medstar	Mary Carter Denny

New Program: Basic Science Journal Club Webinar Series

- Quarterly webinar

- Led by a strokenet investigator with an ongoing StrokeNet trial

- Describes the basic science that underlies the trial

  - First up is ARCADIA in October!
  - Plans to describe the physiology of atrial cardiopathy and animal models

Dr. Stephen Korn, PhD

- Director of the Office of Training and Workforce Development, NINDS